



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Drug Discovery

### Description:

#### General description:

The doctoral program Drug Discovery under the umbrella of the Life Science Graduate School Zurich includes a written dissertation about an independent scientific research project. The program includes a curricular part of at least 12 ECTS credits. The curricular part includes the compulsory attendance of the lecture series "Topics in Drug Discovery", the participation in the regular retreats of the program, as well as the completion of selected Master/ PhD courses offered by the ETHZ or UZH. The compilation of the curricular activities is determined individually by the student and the doctoral committee. Generally, the doctoral regulations of the respective university have to be fulfilled.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework.

Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study.

Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits;

requirements are specified according to the demands of the subject in which the PhD thesis will be written. The

Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional

requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants

whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

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A joint doctorate at the Faculty of Science of the UZH and the ETH Zurich is only open to applicants whose responsible professor, with the right to confer a PhD at the Faculty of Science, has a double professorship at the UZH and at the ETHZ.

Regulations: <https://www.mnf.uzh.ch/en/studium/reglemente.html>

### Organization:

Organization: Faculty of Science

Responsible Instructor: Michael Arand

Coordination: Olga von Niederhäusern

### Part of:

Joint Doctorate at the Faculty of Science of the UZH and the ETH Zurich



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Evolutionary Biology

### Description:

#### General description:

Participating students of the PhD Program Evolutionary Biology must write a dissertation about their independent scientific research project to graduate successfully. Following MNF doctorate regulations, students must have annual meetings with their doctoral committee. The program includes a curricular part of at least 12 ECTS credits, of which four have to be obtained through transferable skills courses. In addition, attendance of the survey course "Topics in Evolutionary Biology" (1 ECTS credit) and participation in at least one of the annual retreats organized by the program (no ECTS credits) is compulsory. Further compulsory courses can be determined individually by the doctoral committee.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework.

Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study.

Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits;

requirements are specified according to the demands of the subject in which the PhD thesis will be written. The

Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional

requirements that may apply. As a rule, the language of Instruction in the PhD programs is English. All applicants

whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

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A joint doctorate at the Faculty of Science of the UZH and the ETH Zurich is only open to applicants whose responsible professor, with the right to confer a PhD at the Faculty of Science, has a double professorship at the UZH and at the ETHZ.

Regulations: <https://www.mnf.uzh.ch/en/studium/reglemente.html>

### Organization:

Organization: Faculty of Science

Responsible Instructor: Kentaro Shimizu

Coordination: Anton Robert Weingrill

### Part of:

Joint Doctorate at the Faculty of Science of the UZH and the ETH Zurich



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Mathematics

### Description:

#### General description:

The international PhD program Mathematics der Zurich Graduate School in Mathematics (ZGSM) is organized jointly by the Institute of Mathematics (UZH) and the Department of Mathematics (ETHZ). The essential part of the program is the independent scientific research of the PhD student and the writing of the thesis on his / her research. On a regular basis, the PhD student meets with his advisor and at least once a year with his / her doctoral committee to discuss the progress of the dissertation. The program includes a curricular part of at least 12 ECTS credits. Each PhD student is free of choosing courses from the course program of the ZGSM. The advisor can also award ECTS credits for a Doctoral Studies Course which includes activities such as participating at a summer school. Moreover, as part of their doctoral studies, PhD students teach an average of 50 hours per semester, including teaching recitation classes or proctoring exams.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Benjamin Schlein

Coordination: Jessica Bolsinger

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Artificial Intelligence (Fast Track)

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

Classes in the major study program in Artificial Intelligence will teach you the foundations and advanced skills of artificial intelligence, such as deep learning, machine learning, computer graphics, computer vision for robotics, natural language processing, machine translation, coordination of complex systems, big-data analytics, combinatorial and approximation algorithms, randomized and online algorithms, mathematical and computational statistics. At the heart of the major study program in Artificial Intelligence are compulsory and core elective modules in artificial intelligence plus a Master's proje Rounding off the program are elective modules drawn from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. At least 10 ECTS credits must be acquired from the Doctoral level. A Master's thesis comprising 30 ECTS credits is the final element of the program.

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Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

Knowledge of artificial intelligence is one of the most demanded expertises on today's job market. Students graduating from this master study program wil able to apply their knowledge in areas such as robotics, business forecasting, video games, computer vision, intelligent search, chat bots, medical diagnostics, and many more. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

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In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

**Part of:**

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration General Geography

### Description:

#### General description:

The major study program in Geography (General Geography) at Master's level builds on the Bachelor's degree and provides students with a deeper scientific understanding and the capability to carry out independent work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen. A Master's research project (30 or 60 ECTS credits) and a Master's exam credits) form a central component of the education of Master's students.

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The major study program Geography 90 at Master's level offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of Instruction: English

#### Career Prospects:

Thanks to their comprehensive education in various areas of geography, graduates of the program have access to good career opportunities. This is particularly true where teamwork and interdisciplinary cooperation are required. Geography graduates have promising employment opportunities thanks to their comprehensive education. This is particularly true where teamwork and interdisciplinary collaboration are required. Opportunities for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. A Master's degree in Geography without specialization prepares students for positions as generalists and is useful for students who choose to train as secondary school teachers.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: A General Education module and excursions are compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen. A Master's research project (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master' students. The General Education module "Geography.Matters.", the Master's thesis in Geography (30 ECTS credits) and the Master's exam (2 ECTS credits) are compulsory in this study program. A minimum of 6 ECTS credits in core elective modules have to be chosen out of each of the three thematic subject areas Physical Geography, Human Geography, as well as Remote Sensing and Geographic Information Science. In total, a minimum of 30 ECTS credits in core elective modules need to be completed.

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Geographic Information Science and Systems

### **Description:**

#### General description:

The major study program in Geography, with concentration in Geographic Information Science and Systems at Master's level, builds on the Bachelor's degree and provides students with a deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Geographic Information Science and Systems (18 ECTS credits). A Master's research project in Geographic Information Science and Systems (30 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students.

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The major study program Geography 90 at Master's level offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of English

Instruction:

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education. This is particularly true where teamwork and interdisciplinary collaboration are required. Opportunities for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in geographic information science also opens up opportunities in research institutes, surveying firms and companies in the GIS field as well as in the area of spatial planning.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### **Requirements:**

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**





Program Structure: A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Geographic Information Science (18 ECTS credits). A Master's research project in Geographic Information Science (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students. -

special notes

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Remote Sensing

### Description:

#### General description:

The major study program in Geography, with concentration in Remote Sensing at Master's level, builds on the Bachelor's degree and provides students deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Remote Sensing (18 ECTS credits). A Master's research project in Remote Sensing, combined with sem and colloquia (30 ECTS or 60 credits) and a Master's exam (2 ECTS credits) a central component of the education of Master's students.

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The major study program Geography 90 at Master's level offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of English

Instruction:

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education and are particularly sought-after where teamwork and interdisciplinary cooperation are required. Possible employment for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in remote sensing also up opportunities at research institutes, the European Space Agency (ESA) and remote sensing companies.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure:

A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Remote Sensing (18 ECTS credits).

A Master's research project in Remote Sensing, combined with seminars and colloquia (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) for central component of the education of Master's students.

The general education module "Geography.Matters.", the Master's thesis in Geography (30 or 60 ECTS credits) and the Master's exam (2 ECTS credits) a compulsory in this study program. Furthermore, core elective modules and elective modules are selected according to the chosen emphasis. Further information can be accessed on the website of the Department of Geography.

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies:

Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization:

Faculty of Science

Academic Advisor:

student-advice@geo.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Human Geography

### Description:

#### General description:

The major study program in Geography, with concentration in Human Geography at Master's level, builds on the Bachelor's degree and provides students deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Human Geography (18 ECTS credits). A Master's research project in Human Geography, combined with seminars and colloquia (30 or ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students.

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The major study program Geography 90 at Master's level offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of Instruction: English

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education and are particularly sought-after where teamwork and interdisciplinary cooperation are required. Possible employment for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in human and economic geography also opens up opportunities in national and international aid organizations.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Human Geography (18 ECTS credits). A Master's research project in Human Geography, combined with seminars and colloquia (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students. Pflichtinhalte dieses Studienprogramms sind das Modul "Geography.Matters." sowie die Masterarbeit in Geographie (30 oder 60 ECTS Credits) und die abschliessende Masterprüfung (2 ECTS Credits). Zudem werden der Vertiefung entsprechende Wahlpflicht- und Wahlmodule gewählt. Genauere Angaben sind auf der Webseite des Geographischen Instituts abrufbar.

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Physical Geography

### Description:

#### General description:

The major study program in Geography, with concentration in Physical Geography at Master's level, builds on the Bachelor's degree and provides students deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Physical Geography (18 ECTS credits). A Master's research project in Physical Geography, (30 or 6 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students.

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The major study program Geography 90 at Master's level offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of English

Instruction:

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education and are particularly sought-after where teamwork and interdisciplinary cooperation are required. Possible employment for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in physical geography opens up opportunities at research institutes and enhances students' skills for positions in spatial planning, surveying and environmental protection.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Physical Geography (18 ECTS credits). A Master's research project in Physical Geography, (30 or 60 ECT credits) and a Master's exam (2 ECTS credits) form a central component of the educa of Master's students.

The general education module "Geography.Matters.", the Master's thesis in Geography (30 or 60 ECTS credits) and the Master's exam (2 ECTS credits) a compulsory in this study program. Furthermore, core elective modules and elective modules are selected according to the chosen emphasis. Further information can be accessed on the website of the Department of Geography.

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Anthropology

### Description:

#### General description:

The major study program in Biology with concentration in Anthropology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Anthropology or related fields. Components: The course work comprises block courses and special lectures in Anthropology (16 ECTS credits) and elective modules (4 ECTS credits). The core components are the Master's research pr in Anthropology, including seminars and colloquia (together 60 ECTS credits) and the module 'Integrated Knowledge in Biology' (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.





Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Anthropology (16 ECTS credits) and elective modules (4 ECTS). The core components are the Master's research project in Anthropology, including seminars and colloqui (together 60 ECTS credits) and the module 'Integrated Knowledge in Biology ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Animal Behaviour

### Description:

#### General description:

The major study program in Biology with concentration in Animal Behaviour (90 ECTS credits) at Master's level provides students with a deeper research b education and the capability to carry out independent scientific work in Animal Behaviour or related fields. Components: The course work comprises block courses and special lectures in Animal Behaviour (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Animal Behaviour, including seminars and colloquia (together 60 ECTS credits) and the module 'Integrated Knowledge in Biology ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology



Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Animal Behaviour (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Animal Behaviour, including seminars colloquia (together 60 ECTS credits) and the module 'Integrated Knowledge Biology' (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Cancer Biology

### **Description:**

#### General description:

The major study program in Biology with concentration in Cancer Biology (90 ECTS credits) at Master's level provides students with a deeper research b education and the capability to carry out independent scientific work in Cancer Biology or related fields. Components: The course work comprises block courses and special lectures in Cancer Biology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Cancer Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology



Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Cancer Biology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Cancer Biology, including seminars and colloq (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Genetics and Development

### **Description:**

#### General description:

The major study program in Biology with concentration in Genetics and Development (90 ECTS credits) at Master's level provides students with a research based education and the capability to carry out independent scientific work in Genetics and Development or related fields. Components: The course work comprises block courses and special lectures in Genetics and Development (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Genetics and Development, including seminar and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.



Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Genetics (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Genetics, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Immunology

### Description:

#### General description:

The major study program in Biology with concentration in Immunology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Immunology or related fields. Components: The course work comprises block courses and special lectures in Immunology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research pr in Immunology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.





Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Immunology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Immunology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Microbiology

### **Description:**

#### General description:

The major study program in Biology with concentration in Microbiology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Microbiology or related fields. Components: The course work comprises block courses and special lectures in Microbiology (both of the University and of the ETH Zürich), Plant Biology and Medical Microbiology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Microbiology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology



Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Microbiology (both of the University and of the ETH Zürich), Plant Biology and Medical Microbiology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Microbiology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Molecular and Cellular Biology

### **Description:**

#### General description:

The major study program in Biology with concentration in Molecular and Cellular Biology (90 ECTS credits) at Master's level provides students with a deep research based education and the capability to carry out independent scientific work in Molecular and Cellular Biology or related fields. Components: The course work comprises block courses and special lectures in Molecular and Cellular Biology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Molecular and Cellular Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.



Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Molecular and Cellular Biology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Molecular and Cellular Bio including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Neurosciences

### **Description:**

#### General description:

The major study program in Biology with concentration in Neurosciences (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Neurosciences or related fields. Components: The course work comprises block courses and special lectures in Neurosciences (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research pr in Neurosciences, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology



Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Neurosciences (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Neurosciences, including seminars and colloqu (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Paleontology

### **Description:**

#### General description:

The major study program in Biology with concentration in Paleontology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Paleontology or related fields. Components: The course work comprises block courses and special lectures in Paleontology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research pr in Paleontology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional





requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Paleontology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Paleontology, including seminars and colloqui (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Plant Sciences

### **Description:**

#### General description:

The major study program in Biology with concentration in Plant Sciences (90 ECTS credits) at Master's level provides students with a deeper research b education and the capability to carry out independent scientific work in Plant Sciences or related fields. Components: The course work comprises block courses and special lectures in Plant Sciences (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Plant Sciences, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional



requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Plant Sciences (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Plant Sciences, including seminars and colloq (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Quantitative Biology and Systems Biology

### Description:

#### General description:

The major study program in Biology with concentration in Quantitative Biology and Systems Biology (90 ECTS credits) at Master's level provides students a deeper research based education and the capability to carry out independent scientific work in Quantitative Biology and Systems Biology or related fields.

Components: The course work comprises block courses and special lectures in Quantitative Biology and Systems Biology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research pr in Quantitative Biology and Systems Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

:

Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to



assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Quantitative Biology and Systems Biology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Quantitative Biol and Systems Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:  
PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Virology

### **Description:**

#### General description:

The major study program in Biology with concentration in Virology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Virology or related fields. Components: The course work comprises block courses and special lectures in Virology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Virology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

:

Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional



requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Virology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Virology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biochemistry

### Description:

#### General description:

A Master's minor study program in Biochemistry (30 ECTS credits) builds on corresponding program completed at the Bachelor's level. It extends the education in the Natural Sciences acquired at the Bachelor's level and con in-depth knowledge in some research areas and the capability to think and work in a methodical and scientific way.

:

Graduates from a minor study program Biochemistry are able to

- plausibly and, if possible, quantitatively explain biochemical processes using their theoretical knowledge
- conduct experiments in a technically and conceptually correct manner while under supervision

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program Biochemistry (30 ECTS credits) at Master's level builds on the corresponding program completed at the Bachelor's level. It extends the education in the Natural Sciences acquired at the Bachelor's level and conveys in-depth knowledge in some research areas and the capability to think and work in a methodical and scientific way.

Organization: Faculty of Science

Academic Advisor: PD Dr. Sergio Gloor, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

### Part of:

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020





**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Earth System Science

### Description:

#### General description:

The Master's minor study program in Earth System Science (30 ECTS credits) part of the most comprehensive Earth Science program in Switzerland. It is offered by the Faculty of Science (MNF) of the University of Zurich (UZH) in collaboration with the Department of Earth Sciences (D-ERDW) of the Swiss Federal Institute of Technology (ETHZ). The minor study program Earth System Science at the Master's level forms a continuation of a successfully compl minor study program Earth System Science at the Bachelor's level and furth deepens that knowledge. The minor further elaborates on the scientific principles and enables the student to focus on one or a few domains within Earth System Science. The ability to work and think in a scientific-methodological way forms a key skill within the minor. The total workload of 30 ECTS credits can be extended based on the individual interest in one of the Earth spheres.

:

Within the minor study program in Earth System Science 30 students study analyze current issues using an interdisciplinary approach. The program combines scientific fundamentals with advanced modules in Earth System Science.

In teaching, in-depth knowledge from current research projects is presented and students are encouraged to critically examine socially relevant topics.

Practical experience in measurement techniques, experimental methods and application-oriented data analysis complement the study program.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Master's minor study program (30 ECTS credits) builds either on a Bachelor's minor study program 30 or 60 ECTS credits, or corresponds to the Bachelor' minor study program 30 ECTS credits. Within the Master's minor study progr building on the Bachelor's minor study program 30 ECTS credits the conditi for a Bachelor's minor study program 60 ECTS credits need to be fulfilled. Further information can be accessed on the website of the Department of Geography.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus



Coordination: Yvonne Scheidegger

**Part of:**

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Physics

### Description:

#### General description:

The major study program in Physics (150 ECTS credits) provides a fundamental understanding of physics. Students are familiar with measurement techniques, data analysis and theoretical modeling and are competent in presenting scientific results. Course components: basic courses on mathematics and physics are followed by a theoretical cycle (mechanics, electrodynamics, thermodynamics, quantum mechanics, mathematical methods of physics). Two advanced modules provide students with an overview of experimental physics. The further course of studies allows students to focus and deepen their understanding of either experimental or theoretical physics. Students gain practical experience through courses on computer science and data analysis as well as a mechanical workshop course, seminars and the Bachelor's research project. This degree program allows for the introduction to another field of research within the context of a 30 ECTS credits minor study program.

:

The study of physics at UZH offers students a broad foundational education in experimental and theoretical Physics, which includes practical experience in measurement techniques and experimental methods as well as knowledge of Mathematics and applied Informatics

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

The bachelor's degree entitles the bearer to take a post-graduate course in the relevant field of study with no further conditions. If a student changes his or her field of study the Faculty may demand proof of additional skills not acquired in the Bachelor's degree before admitting them to a Masters course. The same applies for admission to specialized Masters courses.

In any case, even if the Master's degree is in the same field of studies, the Faculty can make admission to the Master's degree course dependent on the fulfilment of certain conditions. These conditions can also be fulfilled during the Master's degree course. Details are set out in the general conditions and/or conditions of study.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: Basic courses on Mathematics and Physics are followed by a theoretical cycle (Mechanics, Electrodynamics, Thermodynamics, Quantum Mechanics, Mathematical Methods of Physics). Two advanced modules provide students with an overview of Experimental Physics. The further course of studies allows students to focus and deepen their understanding of either Experimental or Theoretical Physics. Students gain practical experience through courses on Computer Science and Data Analysis as well as a mechanical workshop course, seminars and the Bachelor's research project. This degree program allows for the introduction to another field of research within the context of a 30 ECTS credit minor program.

Major/Minor-Combinations: A study program in Physics 180 is a single major study program. A major study program Physics 120 can be combined with a minor study program 60. A major study program in Physics 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study can be prolonged with no problems. Concrete models for part-time studies can be found on the website <http://www.physikstudium.uzh.ch>.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmuller@physik.uzh.ch](mailto:kmuller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Neuroinformatics

### Description:

#### General description:

A Master's minor study program in Neuroinformatics (30 ECTS credits) offer students an in-depth introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose among several courses taught by the Institute of Neuroinformatics and other relevant institutes, and to perform research projects in the fields of neurobiology or neuromorphic engineering.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program in Neuroinformatics (30 ECTS credits) at Master's level offers students an in-depth introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose among several courses taught by the Institute of Neuroinformatics and other relevant institutes, and to perform research projects in the fields of neurobiology or neuromorphic engineering.

Organization: Faculty of Science

Academic Advisor: PD Dr. Daniel Kiper, [danielch.kiper@lifescience.uzh.ch](mailto:danielch.kiper@lifescience.uzh.ch)

Responsible Instructor: Richard Hahnloser

Coordination: Daniel Ch. Kiper

### Part of:

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Chemistry

### Description:

#### General description:

The major study program in Chemistry (120 ECTS credits) provides a general scientific education with an emphasis on Chemistry. Students learn methodical scientific thinking and obtain a profound knowledge of Chemistry, as well as acquiring basic laboratory skills. Program structure: The first year of studies provides the fundamentals in Chemistry, Physics, Mathematics, and Biology (60 ECTS credits). During the second year students gain knowledge in the three classical chemical disciplines through lectures and practical courses (40 ECTS credits). The core elective modules of the third year (14 ECTS credits) allow specialization in selected chemical disciplines or in Biochemistry. First experiences in independent research work are gained during the Bachelor's thesis (6 ECTS credits).

:

A bachelor's major study program in Chemistry taken for 150 or 120 ECTS im the same foundational knowledge on students as a single major study program (180 ECTS), but they differ in the breadth of knowledge that is taught. Both options teach students foundational theory and praxis in Chemistry as well as in other foundational subjects in the natural sciences. Students learn to think and work systematically and scientifically and acquire the subject-specific qualifications necessary to teach Chemistry as their second teaching subject at Upper Secondary Schools (Sekundarstufe II).

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The Bachelor's degree is a suitable qualification for entry into a career requiring a general scientific degree.

Our world needs experts in chemistry across the entire range of human endeavor. Chemistry is the driving force for finance and the market, it has an influence on health and the environment, and makes significant contributions to the development of art and entertainment.

#### Further Study Options:

Successful completion of the BSc entitles students to continue studying the same subject without having to fulfill further conditions. Should a student wish to change his or her field of study, the faculty may demand evidence of any competences not covered by the Bachelor's program before accepting the student onto the Master's program. This also applies to entry into specialized Master's programs. In any event, the Faculty may make the completion of the Master's degree dependent on fulfillment of additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study guidelines.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Successful completion of the BSc entitles students to continue studying the same subject without having to fulfill further conditions. Should a student wish to change his or her field of study, the faculty may demand evidence of any competences not covered by the Bachelor's program before accepting the student onto the Master's program. This also applies to entry into specialized Master's programs. In any event, the Faculty may make the completion of the Master's degree dependent on fulfillment of additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study guidelines.:

In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.



Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The first year of studies provides the fundamentals in Chemistry, Physics, Mathematics, and Biology (60 ECTS Credits). During the second year students gain knowledge in the three classical chemical disciplines through lectures and practical courses (40 ECTS Credits). The core elective modules of the third year (14 ECTS Credits) allow specialization in selected chemical disciplines or in Biochemistry. First experiences in independent research work are gained during the Bachelor's thesis (6 ECTS Credits).

Major/Minor-Combinations: A study program in Chemistry 180 is a single major study program. A major study program Chemistry 120 can be combined with a minor study program 60. A major study program Chemistry 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies: Part-time study is possible based on the modular structure of the course. However, this will increase the length of the course. A precise individual model for part-time study must be agreed with the responsible academic advisor in advance.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

**Part of:**

Bachelor of Science Faculty of Science (2021)





## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject Compulsory modules

**Description:**

**Requirements:**

**Organization:**

Organization:

Responsible Instructor:

Coordination:

**Part of:**

UZH Digital Society Initiative Excellence Program



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject DSI Core elective modules

**Description:**

**Requirements:**

**Organization:**

Organization:

Responsible Instructor:

Coordination:

**Part of:**

UZH Digital Society Initiative Excellence Program



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Other Core elective modules

**Description:**

**Requirements:**

**Organization:**

Organization:

Responsible Instructor:

Coordination:

**Part of:**

UZH Digital Society Initiative Excellence Program



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biochemistry

### Description:

#### General description:

A minor study program in Biochemistry (30 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry.

:

Graduates from a minor program in Biochemistry are able to

- plausibly and, if possible, quantitatively explain biochemical processes using their theoretical knowledge
- conduct experiments in a technically and conceptually correct manner while under supervision

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences. This is also applicable to acceptance onto specialized Master's programs. The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: Jedes Modul wird mit einer Leistungsüberprüfung abgeschlossen.  
Die Benotung der Leistungen erfolgt auf einer Skala von 1 bis 6, wobei 6 die beste, 1 die schlechteste Leistung bezeichnet. Noten unter 4 stehen für ungenügende Leistungen.  
Leistungen können auch mit 'bestanden' / 'nicht bestanden' werden.

### Organization:

Program Structure: A minor study program Biochemistry (30 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Chemistry

### Description:

#### General description:

A minor study program in Chemistry (30 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. According to their choice students gain deeper knowledge of one of the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) or basic knowledge of more than one of these disciplines. The minor study program provides an introduction to methodical scientific thinking. Students are capable of understanding and tackling several chemical questions.

:

Graduates from a minor study program Chemistry have acquired a foundational education in the theory and praxis of Chemistry and have learned to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

:

In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program in Chemistry (30 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. According to their choice students gain deeper knowledge of one of the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) or basic knowledge of more than one of these disciplines. The minor study program provides an introduction to methodical scientific thinking. Students are capable of understanding and tackling several chemical questions.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Earth System Science

### **Description:**

#### General description:

The minor study program in Earth System Science (30 ECTS credits) provides a general education in natural sciences with a focus on Earth System Science, as well as the competence to work and think in a methodological-scientific way.

Students of the minor study program in Earth System Science benefit from the collaboration of the University of Zurich (UZH) and the Swiss Federal Institute of Technology (ETHZ) and will attend courses at both institutions.

:

Within the minor study program in Earth System Science 30 students study different approaches to the interdisciplinary analysis of current issues. The program combines scientific fundamentals with advanced modules in Earth System Science. In teaching, well-founded knowledge from current research projects is imparted and students are encouraged to critically examine socially relevant topics. Practical experience in measurement techniques, experimental methods and application-oriented data analysis complement the study program.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**

Program Structure: For a minor study program in Earth System Science 30 introductory modules are attended in various fields such as Earth System Science, Geology, Remote Sensing and Geographical Information Science. Subsequently, the interdisciplinary knowledge is expanded with modules in Earth System Science and Geography. These modules foster the knowledge within the thematic subject areas of Earth System Science: The Geo-Biosphere System, the Hydro-Atmosphere System and the Human-Environment System.

Due to the fact that some modules are part of both study programs, there are some differences in the study structure for students with the major in Geography (details on the website of the Department of Geography).

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

### **Part of:**



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)







**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Mathematics

### Description:

#### General description:

The minor study program in Mathematics (30 ECTS credits) provides a solid fundamental understanding of the core areas of Mathematics and the capability to think and work in a methodical and scientific way. The program contains the compulsory modules Analysis I and II and Linear Algebra I.

:  
Graduates from a minor study program in Mathematics, worth a total of 30 ECTS credits should...

- understand and be able to apply foundational concepts in Mathematics.
- possess solid foundational knowledge in Linear Algebra and Analysis.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in the same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences. This is also applicable to acceptance onto specialized Master's study programs. The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

### Organization:

Program Structure: The study program contains the compulsory modules Analysis I and II and Linear Algebra I.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Physics

### Description:

#### General description:

A minor study program in Physics (30 ECTS credits) provides an introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics.

:

Graduates with a minor study program Physics are able

- to collect data from experiments, describe, analyse and explain physical observations and compare these to theoretical models,
- to explain foundational concepts in Physics and describe general theoretical models.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program Physics (30 ECTS credits) provides an introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmuller@physik.uzh.ch](mailto:kmuller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Neuroinformatics

### Description:

#### General description:

A minor study program in Neuroinformatics (30 ECTS credits) offers students an introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose, in addition to the courses and exercises offered by the Institute of Neuroinformatics, related courses, exercises, and semester works offered by other institutes and faculties.

:

Graduates from the minor study program in Neuroinformatics (30 ECTS credits) are able to

- write computer programs of moderate complexity in a higher programming language, and use these programs to analyze neurobiological data.
- implement a neurobiological question in such a program and answer it by analyzing neurological data.
- explain fundamental terms in Neuroinformatics and understand important algorithms for data analysis in Neuroinformatics.
- collect relevant information from the literature on a topic in Neuroinformatics and communicate it - in writing as well as orally - using the proper vernacular.
- acquire and integrate various data sets from internet-based databanks.
- understand and apply the concepts and terms of "Neuromorphic Engineerings"

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program in Neuroinformatics (30 ECTS credits) offers students an introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose, in addition to the courses and exercises offered by the Institute of Neuroinformatics, related courses, exercises, and semester works offered by other institutes and faculties.



Major/Minor-Combinations: A minor study program in Neuroinformatics is a minor study program 30.

In the minor study program in Computational Science 60 two of the following scopes have to be chosen:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics

Organization: Faculty of Science

Academic Advisor: PD Dr. Daniel Kiper, [danielch.kiper@lifescience.uzh.ch](mailto:danielch.kiper@lifescience.uzh.ch)

Responsible Instructor: Richard Hahnloser

Coordination: Daniel Ch. Kiper

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Bioinformatics

### Description:

#### General description:

A minor study program in Bioinformatics (30 ECTS credits) consists of compulsory modules in Bioinformatics, core electives in basics of Biology or Informatics, Statistics and Bioinformatics, and electives. Students learn how to acquire and analyze biological data sets to give answers to biological problems.

:

Graduates from the minor study program in Bioinformatics (30 ECTS credits) are able to

- write computer programs of moderate complexity in a higher programming language, and use these programs to analyze biological data.
- implement a biological question in such a program and answer it by analyzing biological data.
- explain fundamental terms in Bioinformatics and understand important algorithms for data analysis in Bioinformatics.
- collect relevant information from the literature on a topic in Bioinformatics and communicate it - in writing as well as orally - using the proper vernacular.
- acquire and integrate various data sets from internet-based databanks.

Main Language of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.

### Organization:

#### Program Structure:

A minor study program in Bioinformatics (30 ECTS credits) consists of compulsory modules in Bioinformatics, core electives in basics of Biology or Informatics, Statistics and Bioinformatics, and electives. Students learn how to acquire and analyze biological data sets to give answers to biological problems.



Major/Minor-Combinations: A minor study program in Bioinformatics is a minor study program 30.

In the minor study program in Computational Science 60 two of the following scopes have to be chosen:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics

Organization: Faculty of Science

Academic Advisor: PD Dr. Karin Isler, studienkoordination@biol.uzh.ch

Responsible Instructor: Andreas Wagner

Coordination:

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Data Science

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Data Science. These are made up of compulsory modules, core elective and elective modules.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in Data Science will add a data science component to your major study program. You will acquire the necessary skills in your area of specialization to analyze large quantities of data in a targeted manner - for example, in order to identify and evaluate regularities or anomalies and create the basis for decision-making. With these skills, you will be in particularly high demand as a specialist in your main field of study; for example, as a data analyst or consultant. The spectrum of potential employers ranges from major companies in the service sector and international IT companies to specialized small firms.

### Requirements:

:

The minor program in Data Science builds on the knowledge gained during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Particularly noteworthy is the programming language Python (or equivalent; introduction to programming). Students are expected to acquire any knowledge they are lacking through independent study or completion of the following Bachelor's modules: Informatik I (Informatics I) and Statistik (Statistics). Students from other faculties may have to fulfill additional requirements.

Branch of Study: Informatics, Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Master of Science UZH in Informatics (RVO22)

Master of Arts UZH in Business and Economics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Information Systems

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Information Systems. These are made up of compulsory modules, core elective and elective modules.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in Information Systems will give you the knowledge you need to work at the juncture between business and informatics, where you will plan, test and direct the use of IT systems; consult on technical and organizational issues; manage corporate IT departments; or function as a methodically trained specialist.

### Requirements:

The minor program in Information Systems builds on the knowledge gained during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Particularly noteworthy are the programming languages BPMN, Python (or equivalent) and SQL. Students are expected to acquire any knowledge they are lacking through independent study or completion of the following Bachelor's modules: Wirtschaftsinformatik I (Information Systems I), Wirtschaftsinformatik II (Information Systems II), Datenorientierte Programmierung (Data-Oriented Programming) and Datenbanksysteme (Database Systems).

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Master of Science UZH in Informatics (RVO22)

Master of Arts UZH in Business and Economics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Economics

### Description:

#### General description:

The minor study program in Economics requires students to earn 30 ECTS credits from the core elective areas of Macroeconomics, Microeconomics, and Empirical Economic Research and Econometrics.

Main Language of Instruction: English

#### Career Prospects:

By specializing with the minor study program in Economics, you will acquire analytical and empirical knowledge which will complement or expand upon your chosen major and will be of huge benefit in all kinds of economic careers, including in consulting firms, financial management, economic media, central banks and international organizations.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

### Part of:

Master of Science UZH in Informatics (RVO22)

Master of Arts UZH in Business and Economics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Business Administration

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Business Administration. These are made up of compulsory modules and core elective modules in Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

By specializing with the minor study program in Business Administration, you will acquire the prerequisites to take on demanding business administration tasks in companies in industry, the financial sector, the service sector or public administration.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics.

Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents is available in the UZH course catalogue.

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Oliver Merz

### Part of:

Master of Science UZH in Informatics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Banking and Finance

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Banking and Finance. These are made up of compulsory modules and core elective modules in Banking, Corporate Finance, Financial Economics and Quantitative Finance.

Main Language of Instruction: English

#### Career Prospects:

Specializing with the minor study program in Banking and Finance offers excellent prerequisites for embarking on a career in all kinds of roles in the field of finance. The knowledge acquired is in demand for roles in banks, consulting firms, insurance companies, financial departments of industrial enterprises and the public sector.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents is available in the UZH course catalogue.

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Master of Science UZH in Informatics (RVO22)

Master of Arts UZH in Business and Economics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Economics

### **Description:**

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits). The major study program in Economics is made up of compulsory modules designed to examine basic principles in greater depth and core elective modules in Macroeconomics, Microeconomics, and Empirical Economic Research and Econometrics. Rounding off the study program is a Master's thesis comprising 30 ECTS credits.

:

Master's degree programs provide students with an advanced academic education and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

With a Master's degree in Economics, you will be in demand in national and international companies as well as in economic-policy institutions. Economists find positions at the International Monetary Fund, the OECD, central banks, economic media and as researchers for private institutions. In addition, they hold management positions in consulting firms and financial management.

Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### **Requirements:**

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision is based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure:

- 60 ECTS credits to be earned from compulsory, core elective or elective modules according to the regulations: <https://www.oec.uzh.ch/en/regulations>
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Arts UZH in Wirtschaftswissenschaften (corresponds to Master of Arts UZH in Business and Economics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

**Part of:**

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Business Administration

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits). The major study program in Business Administration is made up of compulsory modules designed to examine basic principles in greater depth and core elective modules in Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science. Rounding off the study program is a Master's thesis comprising 30 ECTS cre

:

Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

A Master's degree in Business Administration will provide you with the ide prerequisites to assume demanding specialized or management roles in companies in industry, the financial sector, the service sector and in public administration, or to set up your own business. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate in Business Administration, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:





Program Structure:

- 60 ECTS credits to be earned from compulsory and core elective modules according to the regulations: <https://www.oec.uzh.ch/en/regulations>
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Arts UZH in Wirtschaftswissenschaften (corresponds to Master of Arts UZH in Business and Economics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Jasmin De Clercq

**Part of:**

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Banking and Finance

### Description:

#### General description:

Master's programs provide an advanced academic education and allow students to complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits). The major study program in Banking and Finance is made up of compulsory modules designed to examine basic principles in greater depth and core elective modules from the areas of banking and finance. Students may also choose from the free elective area. Rounding off the study program is a Master's thesis comprising 30 ECTS credits.

:

Master's degree programs provide students with an advanced academic education and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

Graduates are ideally qualified to assume specialized or management roles of significant responsibility in the banking, insurance and consulting industries and in the public sector. Careers as an investment banker, financial analyst, risk manager, portfolio manager or financial consultant represent only a small selection of a broad array of professional options. Moreover, graduates with the right aptitude have the opportunity to pursue academic research by completing a doctorate.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision is based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:



Program Structure:

- 60 ECTS credits to be earned from compulsory, core elective or elective modules according to the regulations: <https://www.oec.uzh.ch/en/regulations>
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Arts UZH in Wirtschaftswissenschaften (corresponds to Master of Arts UZH in Business and Economics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

**Part of:**

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Environmental Studies

### Description:

#### General description:

A minor study program in Environmental Studies (60 ECTS credits) provides a solid introduction to environmental studies, the competencies to tackle environmental issues with appropriate scientific instruments, and the ability to develop promising solutions. Components: basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities. As an interface between science and practical application, the professional internship (8 ECTS credits), lasting two months, offers insights into the professional world in the environmental sector.

:

The minor study program in Environmental Sciences provides a grounded, problem-oriented education in Environmental Sciences and teaches students to address questions related to the environment using suitable scientific instruments and to develop promising solutions for them. The minor study program demonstrates methods by which solutions for environmental problems can be conveyed clearly and comprehensibly.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: Basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities. As an interface between science and practical application, the professional internship (8 ECTS Credits), lasting two months, offers insights into the professional world in the environmental sector.

The semester program with the compulsory, core elective and elective modules can be found on the following website:  
<https://www.ieu.uzh.ch/en/teaching/envsci/bachelor.html>

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, [claudia.hegglin@ieu.uzh.ch](mailto:claudia.hegglin@ieu.uzh.ch)

Responsible Instructor: Hanna Kokko

Coordination: Claudia Hegglin Braun

### Part of:



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Environmental Studies

### Description:

#### General description:

A minor study program in Environmental Studies (30 ECTS credits) provides a solid introduction to environmental studies, the competencies to tackle environmental issues with appropriate scientific instruments, and the ability to develop promising solutions. Components: basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities.

:

The minor study program in Environmental Sciences provides a grounded, problem-oriented education in Environmental Sciences and teaches students to address questions related to the environment using suitable scientific instruments and to develop promising solutions for them. The minor study program demonstrates methods by which solutions for environmental problems can be conveyed clearly and comprehensibly.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: Basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities.

The semester program with the compulsory, core elective and elective modules can be found on the following website:

<https://www.ieu.uzh.ch/en/teaching/envsci/bachelor.html>

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, [claudia.hegglin@ieu.uzh.ch](mailto:claudia.hegglin@ieu.uzh.ch)

Responsible Instructor: Hanna Kokko

Coordination: Claudia Hegglin Braun

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Environmental Studies

### Description:

#### General description:

A Master's minor study program in Environmental Studies (30 ECTS credits) provides a solid introduction to environmental studies, the competencies to tackle environmental issues with appropriate scientific instruments, and the ability to develop promising solutions. Components: basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities.

:

The Master's minor study program in Environmental Sciences provides a group problem-oriented education in Environmental Sciences and teaches students to address questions related to the environment using suitable scientific instruments and to develop promising solutions for them. The minor demonstrates methods by which solutions for environmental problems can be conveyed clearly and comprehensibly.

Main Language of Instruction: English

Further Languages of Instruction: German

### Requirements:

### Organization:

Program Structure: The semester program with the compulsory, core elective and elective modules can be found on the following website:  
<https://www.ieu.uzh.ch/en/teaching/envsci/bachelor.html>

Organization: Faculty of Science

Responsible Instructor: Hanna Kokko

Coordination: Claudia Hegglin Braun

### Part of:

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Environmental Studies

### Description:

#### General description:

A minor study program in Environmental Studies (30 ECTS credits) provides a solid introduction to environmental studies, the competencies to tackle environmental issues with appropriate scientific instruments, and the ability to develop promising solutions. Components: basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities.

:

The minor study program Environmental Sciences provides a grounded, problem-oriented education in Environmental Sciences and teaches students to address questions related to the environment using suitable scientific instruments and to develop promising solutions for them. The minor demonstrates methods by which solutions for environmental problems can be conveyed clearly and comprehensibly.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: Basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities.

The semester program with the compulsory, core elective and elective modules can be found on the following website:  
<https://www.ieu.uzh.ch/en/teaching/envsci/bachelor.html>

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, [claudia.hegglin@ieu.uzh.ch](mailto:claudia.hegglin@ieu.uzh.ch)

Responsible Instructor: Hanna Kokko

Coordination: Claudia Hegglin Braun

### Part of:

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020





**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Management and Economics

### **Description:**

#### General description:

Master's programs provide an advanced academic education and allow students to complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits). The major study program in Management and Economics is made up of compulsory modules designed to examine basic principles in greater depth and core elective modules from the areas of economics and business administration. Rounding off the study program is a Master's thesis comprising 30 ECTS credits.

:

Master's degree programs provide students with an advanced academic education and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of English

Instruction:

#### Career Prospects:

The major study program in Management and Economics qualifies students in particular for strategic management positions in international companies that are continually faced with new business and economic challenges brought on by globalization. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career at the juncture between business administration and economics.

### **Requirements:**

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision is based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Business Administration, Finance, Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure:

- 60 ECTS credits to be earned from compulsory and core elective modules according to the regulations: <https://www.oec.uzh.ch/en/regulations>
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Arts UZH in Wirtschaftswissenschaften (corresponds to Master of Arts UZH in Business and Economics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ursula Backes-Gellner

Coordination: Sara Brunner

**Part of:**

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Environmental Studies

### Description:

#### General description:

A minor study program in Environmental Studies (60 ECTS credits) provides a solid introduction to environmental studies, the competencies to tackle environmental issues with appropriate scientific instruments, and the ability to develop promising solutions. Components: basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities. As an interface between science and practical application, the professional internship (8 ECTS credits), lasting two months, offers insights into the professional world in the environmental sector.

:

The minor study program Environmental Sciences provides a grounded, problem-oriented education in Environmental Sciences and teaches students to address questions related to the environment using suitable scientific instruments and to develop promising solutions for them. The minor demonstrates methods by which solutions for environmental problems can be conveyed clearly and comprehensibly.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: Basic courses in natural sciences, social sciences and humanities are followed by core-elective and elective modules, set by individual priorities. As an interface between science and practical application, the professional internship (8 ECTS Credits), lasting two months, offers insights into the professional world in the environmental sector.

The semester program with the compulsory, core elective and elective modules can be found on the following website:  
<https://www.ieu.uzh.ch/en/teaching/envsci/bachelor.html>

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, [claudia.hegglin@ieu.uzh.ch](mailto:claudia.hegglin@ieu.uzh.ch)

Responsible Instructor: Hanna Kokko

Coordination: Claudia Hegglin Braun

### Part of:



Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Behavioral Economics

### Description:

#### General description:

The minor study program in Behavioral Economics requires students to earn 30 ECTS credits in Behavioral Economics, Macroeconomics, Microeconomics, and Empirical Economic Research and Econometrics.

Main Language of Instruction: English

#### Career Prospects:

By specializing with the minor study program in Behavioral Economics, you will acquire analytical and empirical knowledge which can be put to use in both private and public institutions; for example, in the fields of human resources, organizational psychology and political consulting.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michel Maréchal

Coordination: Sonja Verel

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Development and Economic Policy

### Description:

#### General description:

The minor study program in Development and Economic Policy requires students to earn 30 ECTS credits in Economic Policy, Macroeconomics, Microeconomics, and Empirical Economic Research and Econometrics.

Main Language of Instruction: English

#### Career Prospects:

By specializing with the minor study program in Development Economic Policy, you will acquire valuable knowledge of economic policy which is in demand in, for example, central banks, economic media and international organizations.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Business Administration

### Description:

#### General description:

The minor study program in Business Administration requires students to earn 30 ECTS credits from the core elective areas of Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science.

Main Language of Instruction: German

#### Career Prospects:

By specializing with the minor study program in Business Administration, you will acquire the prerequisites to take on demanding business administration tasks in companies in industry, the financial sector, the service sector or public administration.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents is available in the UZH course catalogue.

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Jasmin De Clercq

### Part of:

Master of Arts UZH in Business and Economics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Accounting and Finance

### Description:

#### General description:

The minor study program in Accounting and Finance requires students to earn 30 ECTS credits from the two core elective areas of Accounting, Auditing and Governance, and Corporate Finance and Banking. Of the 30 total ECTS credits, at least 12 must be obtained in each area.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in Accounting and Finance will qualify you for specialized or management roles in the field of financial business management.

As a specialist in auditing, controlling, finance, accounting, financial management and investment management, you will be able to use your knowledge in consulting and auditing firms as well as companies in all kinds of industries.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Dieter Pfaff

Coordination: Dieter Pfaff

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Managing Education

### Description:

#### General description:

The minor study program in Managing Education requires students to earn 30 ECTS credits from the core elective areas of Managing Education, Marketing, Business Policy and Governance, and Management Science.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in Managing Education will qualify you for specialized or management roles in educational organizations such as schools, institutions of higher learning, research institutes or corporate education departments.

Graduates also play a key role in the effective and efficient management of educational organizations which form part of national education systems, from preschool to primary, secondary and tertiary education and right through to doctoral studies and the education of the next generation of scientists, thereby helping to improve prosperity and reduce social inequality.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ursula Backes-Gellner

Coordination: Sara Brunner

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Sports Management

### Description:

#### General description:

The minor study program in Sports Management requires students to earn 30 ECTS credits from the core elective area of Sports Management and different areas of business and economics.

Main Language of Instruction: English

#### Career Prospects:

The minor study program Sports Management qualifies you for specialist and management positions in the field of strategic and operational business management in sports. You can apply your knowledge effectively and efficiently in your professional environment - in sports organizations, professional sports clubs, sports and media marketing agencies, and sports-related industries.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents is available in the UZH course catalogue.

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Helmut Max Dietl

Coordination: Anil Özdemir

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Marketing

### Description:

#### General description:

The minor study program in Marketing requires students to earn 30 ECTS credits from the core elective areas of Marketing, Business Policy and Governance, Management Science and Behavioral Methods and Computing.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in marketing will qualify you for specialized or management roles in the field of customer-centric management. As a specialist in marketing, you will be able to use your knowledge in consulting and market research firms as well as in any marketing-related department of companies in all kinds of industries.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: René Algesheimer

Coordination: Katherine Tiffany Keely Rother

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Banking

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Banking. These are made up of compulsory modules designed to examine basic principles in greater depth and core elective modules in Banking.

Main Language of Instruction: English

#### Career Prospects:

Specializing with the minor study program in Banking offers excellent prerequisites for embarking on a career in all kinds of roles in the banking and financial services industry.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Corporate Finance

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Corporate Finance. These are made up of compulsory modules designed to examine basic principles in greater depth and core elective modules in Corporate Finance.

Main Language of Instruction: English

#### Career Prospects:

Specializing with the minor study program in Corporate Finance offers excellent prerequisites for embarking on a career in finance with local or international companies in all kinds of industries.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents is available in the UZH course catalogue.

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Financial Economics

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Financial Economics. These are made up of compulsory modules designed to examine basic principles in greater depth and core elective modules in Financial Economics.

Main Language of Instruction: English

#### Career Prospects:

Specializing with the minor study program in Financial Economics offers excellent prerequisites for embarking on a career in the banking and financial services industry. The knowledge that graduates have acquired will open doors to roles in fields such as wealth management and asset management.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents is available in the UZH course catalogue.

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Quantitative Finance

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Quantitative Finance. These are made up of compulsory modules designed to examine basic principles in greater depth and core elective modules in Quantitative Finance.

Main Language of Instruction: English

#### Career Prospects:

Specializing with the minor study program in Quantitative Finance offers excellent prerequisites for embarking on a career in the banking and financial services industry. The knowledge that graduates have acquired will open doors to roles in fields such as portfolio and risk management.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents is available in the UZH course catalogue.

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Master of Arts UZH in Business and Economics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Sustainable Finance

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Sustainable Finance. These are made up of compulsory modules and core elective modules in sustainable finance and empirical methods.

Main Language of Instruction: English

#### Career Prospects:

The specialization in the minor study program Sustainable Finance offers excellent conditions for career entry in banking and finance, where sustainability criteria are becoming increasingly relevant, with local or international companies from a wide range of industries.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Master of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Religion and Culture in Contemporary Societies

### **Description:**

#### General description:

The Master's degree program in Religions and Culture in Contemporary Societies focuses on the study of contemporary religion using the methods of social sciences. The program's basic modules address the basic principles of religious studies and societal theories. Some of these modules take the form of block seminars that enable the rapid acquisition of required skills. The "Religion and culture in contemporary societies" module group intentionally goes beyond the scope of Europe and North America. The focus on research is particularly reflected by the "social sciences research" module and practically implemented through the Master's thesis. This field of study can be taken in English.

### **Requirements:**

:

Bachelor's degree in social sciences or cultural studies (within at least framework of a minor program of study with 60 ECTS credits). Applicants who do not possess a Bachelor's degree in a social sciences or cultural studies may be admitted upon special review. Applicants who do not possess sufficient specialized knowledge will be granted admission with restrictions. The following degree programs, among others, are considered to be social sciences or cultural studies: Sociology, Ethnology, Popular Culture Studies, Political Science, Educational Science, Media and Communication Science, Business and Economics, History, and Theology etc. Students also need to have completed coursework in quantitative or qualitative methods worth at least 12 ECTS credits. Students with missing credits in these areas will have to make them up as an additional requirement during the Master's program.

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

### **Part of:**

Master of Arts UZH in Religion and Culture in Contemporary Societies Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Christianity in Society

### Description:

#### General description:

The specialized Master's degree program in Christianity in Society involves a wide-ranging scholarly reflection of Christianity under consideration of its biblical foundations and its history. The program focuses on the interaction between Christianity and society in the past and in the present day. The program of study is designed for students who, after completing their Bachelor's degree in a subject other than Theology, now wish to extensively study subjects relating to Christianity in society in a targeted manner.

The specialized Master's degree program in Christianity in Society at the Faculty of Theology and the Study of Religion of the University of Zurich is recognized by the German Swiss Reformed Concordat Churches as the university component of the program in "Changing careers to become a Reformed Minister."

### Requirements:

: Bachelor's degree in the humanities, social sciences or law. Successful completion of a language course in one of the ancient languages relevant to the course of study (Latin, Ancient Greek, Ancient Hebrew) at the level of the language courses required for Theology as a single major (12 ECTS credits). Students who apply to the specialized Master's degree program in Christian in Society must submit a letter of motivation of no more than four page (A4) to the Studies Commission. The Studies Commission decides whether applicants will be accepted or rejected. The Studies Commission can set additional requirements for admission.

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Ralph Kunz

Coordination:

### Part of:

Master of Arts in Christianity in Society Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Biology

### Description:

#### General description:

The single major study program in Biology (180 ECTS credits) provides students with a general education in Natural Sciences, knowledge in all research areas of Biology and the capability to think and work methodically and scientifically. Course components: In the compulsory modules (90 ECTS credits) of the basic studies curriculum, students learn important concepts in all biological disciplines, from the molecular level, through genes, cells, individuals, populations and up to ecosystems. At the same time students gain basic knowledge of Mathematics, Physics, Chemistry and Biochemistry. Following their interests, students choose core elective modules (30 ECTS credits) of biology-related fields already during their basic studies. During the advanced studies curriculum (60 ECTS credits) students develop their knowledge in areas of their choice in block courses and special lectures and in elective modules.

:

A bachelor major study program Biology taken for 150 or 120 ECTS imparts the same foundational knowledge on students as a single major study program (180 ECTS), but they differ in the breadth of knowledge that is taught. Both options teach students foundational theory and praxis in Biology as well as in other foundational subjects in the natural sciences. Students learn to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

With a BSc in biology, graduates have the necessary theoretical and practical qualifications for the Master's degree course in one of the consecutive Master's concentrations in biology, and depending on the choice of optional core modules, for the Master's program in biomedicine, biochemistry and specialized Master programs such as biostatistics or environmental science. The first degree of BSc in biology is also suitable for a start in all types of training and education programs of private and public companies.

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences. This is also applicable to acceptance onto specialized Master's programs. The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: In the compulsory modules (90 ECTS) of the basic studies curriculum, students learn important concepts in all biological disciplines, from the molecular level, through genes, cells, individuals, populations and up to ecosystems. At the same time students gain basic knowledge of Mathematics, Physics, Chemistry and Biochemistry. Following their interests, students choose core elective modules (30 ECTS) of biology-related fields already during their basic studies.  
During the advanced studies curriculum (60 ECTS credits) students develop their knowledge in areas of their choice in block courses and special lectures and in elective modules.

Major/Minor-Combinations: A study program Biology 180 is a single major study program. A major study program Biology 120 can be combined with a minor study program 60. A major study program Biology 150 can be combined with a minor study program 30.  
Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich. A minor study program starts in the second year of study.

Part-Time Studies: The basic studies of the Bachelor's degree program in biology are particu suitable for part-time studies. This naturally leads though to a prolonged period of studies. The order of the compulsory modules during basic studies in the regular degree program is not binding. If basic studies are completed in 6 or 8 instead of 4 semesters you should nevertheless try to complete the mathematics before the physics and the chemistry before the biochemistry elements. The third regular year of studies for the Bachelor's degree (adv studies) contains block courses and lectures that take up the whole working week. Part-time students thus have to organize their time in advanced studies to ensure their presence in coherent time blocks of at least three and a half weeks. The instrument for planning individual programs of studies is the guideline on studying biology at the University of Zurich: <http://www.biologie.uzh.ch>

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler

[studienkoordination@biol.uzh.ch](mailto:studienkoordination@biol.uzh.ch)

Responsible Instructor: Konrad Basler

Coordination: Karin Isler

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Applied Probability and Statistics

### Description:

#### General description:

A minor study program in Applied Probability and Statistics (30 ECTS credits) provides students with a solid background and a practical, basic training in many relevant and modern methods of applied probability and statistics.

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A minor study program in Applied Probability and Statistics provides students with an enhanced background in probability and statistics and a practical training in many fundamental and modern methods of applied probability and statistics. Classes are interactive and the methodology is illustrated using the free programming language R.

Graduates of the minor degree program are able to

- understand and interpret statistical analyses
- plan, conduct and convey their own experiments and analyses.
- to recognize a situation where their own skills are not sufficient anymore and the help of an external expert is necessary

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

The minor study program in Applied Probability and Statistics is especially suitable as a preparation for the specialized master degree programs in «Biostatistics» and «Quantitative Finance».

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Applied Probability and Statistics includes in total compulsory modules for 20 ECTS credits. Those are supplemented with elective modules for 10 ECTS credits. Elective modules can be chosen from all modules containing quantitative, program relevant subjects conditional on the approval of the program coordinator. It is recommended to establish a study plan with the program coordinator.

#### Organization:

Academic Advisor: Prof. Reinhard Furrer, reinhard.furrer@math.uzh.ch

Responsible Instructor:



**Universität  
Zürich**<sup>UZH</sup>

Coordination:

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Astronomy and Astrobiology

### Description:

#### General description:

This minor study program in Astronomy and Astrobiology (30 ECTS credits) provides students with a broad education on the fascinating topics of our universe and the life it contains. Astrobiology is the interdisciplinary study of the origin and nature of life on earth and possible life 'out there'&apo minor study program has no pre-requisites and is open to any student of the University. Students take the introductory core courses in Astronomy/ Astrophysics and Astrobiology. The remaining ECTS credits can be obtained from a wide selection of lecture courses and practicums from biology, chemistry, geophysics and astronomy.

:

Graduates from the minor study program in Astronomy and Astrobiology have gained insight into the formation of planets, stars and life, as well as the evolution of the universe. In addition, they have received an introduction to biological processes, Geoscience or Physical Geography, depending on their selected concentration. In completing this minor, students majoring at other faculties will have gained insight into the diversity and methods of the Natural Sciences.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

Responsible Instructor: Benjamin Moore

Coordination:

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Crystallography

### Description:

#### General description:

The minor study program in Crystallography (30 ECTS credits) is offered by the Department of Chemistry in collaboration with the ETH Zurich. It builds up from the basic theory of diffraction and the fundamentals of crystallography and structure determination. Students gain knowledge and competence in various techniques such as single crystal small-molecule structure determination, macromolecular structure determination and powder diffraction. It demonstrates the theory, methodology and practice of crystallography and its importance to the various scientific disciplines, and provides the opportunity to learn about advanced topics in current research. Program structure: The study program includes compulsory modules in chemical crystallography, solid state chemistry, and protein crystallography. The remaining ECTS credits must be earned from the core elective and elective modules of the UZH and the ETH.

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Students are able to...

1. understand and describe the fundamental principles of diffraction and of the internal organization of crystalline materials.
2. select the suitable analysis methods for a question on structure.
3. solve problems in relation to the structure determination of single crystals.
4. estimate and evaluate the properties of materials based on their underlying structure.
5. apply their knowledge of molecular design and synthesis.
6. understand and critically evaluate the literature on crystal structures and on examining other solid state structures.
7. use crystallographic databases for answering question on structure.
8. plan experiments on large research facilities such as synchrotrons and neutron sources.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The study program includes compulsory modules in chemical crystallography, solid state chemistry, and protein crystallography. The remaining ECTS credits must be earned from the core elective and elective modules of the UZH and the ETH.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Bernhard Spingler  
spingler@chem.uzh.ch

Responsible Instructor: Bernhard Spingler



**Universität  
Zürich**<sup>UZH</sup>

Coordination: Sabine Stockhause

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Chemistry

### Description:

#### General description:

The single major study program in Chemistry (180 ECTS credits) provides a general scientific education with an emphasis on Chemistry. Students learn methodical scientific thinking and obtain an advanced knowledge of Chemistry, as well as acquiring basic laboratory skills. Program structure: The program consists of a combined base curriculum in Chemistry and Biochemistry and an advanced part in Chemistry. Compulsory modules of the base curriculum (120 ECTS credits) include courses in Chemistry, Biochemistry, Physics, Mathematics, and Biology. In the advanced part of the program (60 ECTS credits), knowledge of the three classical chemical disciplines is deepened (12 ECTS credits).

Lectures and lab courses within the core elective modules (30 ECTS credits) allow specialization in selected chemical disciplines and elective modules allow students to expand their understanding further. First experiences in independent research work are gained during the Bachelor's thesis (10 ECTS credits).

:

A bachelor's major study program in Chemistry taken for 150 or 120 ECTS im the same foundational knowledge on students as a single major study program (180 ECTS), but they differ in the breadth of knowledge that is taught. Both options teach students foundational theory and praxis in Chemistry as well as in other foundational subjects in the natural sciences. Students learn to think and work systematically and scientifically and acquire the subject-specific qualifications necessary to teach Chemistry as their second teaching subject at Upper Secondary Schools (Sekundarstufe II).

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The Bachelor's degree is a suitable qualification for entry into a career requiring a general scientific degree.

Our world needs experts in chemistry across the entire range of human endeavor. Chemistry is the driving force for finance and the market, it has an influence on health and the environment, and makes significant contributions to the development of art and entertainment.

#### Further Study Options:

Successful completion of the BSc entitles students to continue studying the same subject without having to fulfill further conditions. Should a student wish to change his or her field of study, the faculty may demand evidence of any competences not covered by the Bachelor's program before accepting the student onto the Master's program. This also applies to entry into specialized Master's programs. In any event, the Faculty may make the completion of the Master's degree dependent on fulfillment of additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study guidelines.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Successful completion of the BSc entitles students to continue studying the same subject without having to fulfill further conditions. Should a student wish to change his or her field of study, the faculty may demand evidence of any competences not covered by the Bachelor's program before accepting the student onto the Master's program. This also applies to entry into specialized Master's programs. In any event, the Faculty may make the completion of the Master's degree dependent on fulfillment of additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study guidelines.:



In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: Program structure: The program consists of a combined base curriculum in Chemistry and Biochemistry and an advanced part in Chemistry. Compulsory modules of the base curriculum (120 ECTS credits) include courses in Chemistry, Biochemistry, Physics, Mathematics, and Biology. In the advanced part of the program (60 ECTS credits), knowledge of the three classical chemical disciplines is deepened (12 ECTS Credits). Lectures and lab courses within the core elective modules (30 ECTS Credits) allow specialization in selected chemical disciplines and elective modules allow students to expand their understanding further. First experiences in independent research work are gained during the Bachelor's thesis (10 ECTS Credits).

Major/Minor-Combinations: A study program in Chemistry 180 is a single major study program. A major study program Chemistry 120 can be combined with a minor study program 60. A major study program Chemistry 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies: Part-time study is possible based on the modular structure of the course. However, this will increase the length of the course. A precise individual model for part-time study must be agreed with the responsible academic advisor in advance.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Earth System Science

### **Description:**

#### General description:

The single major study program in Earth System Science (180 ECTS credits) provides a general education in natural sciences with a focus on Earth System Science, as well as the competence to work and think in a methodological-scientific way. Students of the single major study program in Earth System Science benefit from the collaboration of the University of Zurich (UZH) and the Swiss Federal Institute of Technology (ETHZ) and will attend courses at both institutions. Program structure: The first two years focus on the fundamentals of Earth System Science, Geography, Biology, Geology, Mathematics, Physics and Chemistry, with applications in field courses and excursions. The third year includes a Bachelor's Thesis as well as the possibility to focus on one of three areas.

:

The Bachelor's program in Earth System Science provides an understanding of basic concepts and current trends of development in the subject. It is characterized by a broad and fundamental education and offers opportunities for specialization in the final year of the study program. The program combines scientific fundamentals with advanced modules in Earth System Science. In teaching, well-founded knowledge from current research projects is presented and students are encouraged to critically examine socially relevant topics.

Practical experience in measurement techniques, experimental methods and application-oriented data analysis complement the study program.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in the same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences beyond those acquired in the Bachelor's study program. This is also applicable to acceptance onto specialized Master's study programs.

In any event, even when the Master's study program is in the same subject, the faculty can make the completion of a Master's degree dependent on the fulfillment of additional requirements. These requirements can also be fulfilled during the Master's study program.

The details are set out in the framework rules and the study rules.

### **Requirements:**

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Earth Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**



Program Structure: The first two years of the study program mainly consist of compulsory modules in Earth System Science, Geography, Biology, Geology, Mathematics and Chemistry, with applications in field courses and excursions. The third year of the study program includes a Bachelor's thesis as well as core elective modules within the thematic subject areas of Earth System Science: The Geo-Biosphere System, the Hydro-Atmosphere System and the Human-Environment System. Individual thematic focuses can be set within an elective area.

Major/Minor-Combinations: The Bachelor's study program Earth System Science is a single major study program. No minor study program can be attended.

Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: [student-advice@geo.uzh.ch](mailto:student-advice@geo.uzh.ch)

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Geography

### Description:

#### General description:

The single major study program in Geography (180 ECTS credits) provides a general education in Geo sciences and covers all three thematic subject areas of Geography (Physical Geography, Human Geography and Geographic Information Science & Remote Sensing) and builds the capability to think and systematic and scientific way. The course is structured through ECTS credits: The first two years include compulsory modules in Geography, Earth Sciences and Mathematics. The third year includes a Bachelor's research project and fur compulsory modules that consolidate knowledge gained over the thematic subject areas. The studies are completed with further elective and core elective modules in Geography. Further ECTS credits must be gained from a wide range of optional modules, wherein individuals can choose to focus on a particular area.

:

The Bachelor's degree in Geography provides an understanding of basic conc and current trends of development in the subject. It is characterized by a broad and fundamental education and offers opportunities for thematic consolidation in the final year of study. The subject combines approaches from the natural, social and computer sciences, thus offering a unique combination of research perspectives. In teaching, in-depth knowledge from current research projects is presented in order to critically examine socially relevant topics.

Students' intellectual abilities and networked thinking are encouraged to prepare them for their future educational path.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The Bachelor's degree is a prerequisite for a Master's degree at the of Zurich (UZH) or at another university and does not constitute a professional qualification. A Master's degree in another major study program is general possible with the Bachelor's degree in Geography, but may be subject to conditions and additional requirements depending on the study program.

Graduates of the Department of Geography are in demand on the job market, due to their methodological-theoretical and application-oriented skills. The fields of employment are diverse (e.g. in the fields of spatial planning, environment, landscape and human beings, geoinformatics and communication or teaching at secondary schools) and usually depend on the thematic consolidation chosen in the Master's program.

#### Further Study Options:

Earning a Bachelor's degree automatically qualifies students to continue studying the same subject without having to fulfill further conditions.

Should students wish to change their field of study, the faculty may demand evidence of any skills not developed the Bachelor's study program before granting acceptance to a Master's study program. This also applies to entry to specialized Master's study programs.

In any event - even in the same field of study - the faculty may make the completion of the Master's degree dependent upon meeting additional requirements. These requirements may also be fulfilled during the Master's study program. Details are set out in the framework rules and study regulations.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regula in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".



Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The first two years of the study program mainly consist of compulsory modules in Geography, Earth Sciences and Mathematics. The third year of the study program comprises a Bachelor's thesis as well as elective modules that all initial specializations within the thematic areas (see above). The program is supplemented with further consolidation and elective modules in Geography and related disciplines. Within the elective area, individual thematic focuses can be set.

Major/Minor-Combinations: A study program in Geography 180 at Bachelor's level is a single major study program. A major study program in Geography 120 at Bachelor's level can be combined with a minor study program 60. A major study program in Geography 150 at Bachelor's level can be combined with a minor study program 30. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich. Possible minor study programs at ETH Zurich are listed on the website of the Department of Geography. A minor study program starts in the second year of study.

Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Mathematics

### Description:

#### General description:

The single major study program in Mathematics (180 ECTS credits) provides a solid fundamental understanding of the core areas of mathematics and the capability to think methodically and scientifically. The program begins with lectures in analysis and linear algebra as well as introductions to programming and logic and set theory. From the third semester onwards, lectures from all central areas of mathematics have to be taken; these can be increasingly freely chosen from a wide choice of optional subjects. Students are trained in giving presentations on mathematical themes in at least two seminars.

:

The study of Mathematics at UZH offers a broad education in the foundations of Mathematics. The program fosters students ability independently to think inter-connectedly and scientifically. Students take on personal responsibility for their work process, the composition of their studies and for their future careers. In the face of challenges involved with their studies, students can distinguish themselves by demonstrating a high degree of creativity, flexibility, motivation and collegiality.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

An increasing number of fields (engineering sciences, economics, medicine, etc.) in our world are being "infiltrated" by mathematics and its applications. Which is why the career opportunities for mathematicians are very good and extremely varied. The skills trained and knowledge acquired during your studies lead to a broad spectrum of possibilities. Mathematicians are needed, for example, in:

- innovative high-tech companies
- companies with a natural sciences or engineering profile
- software firms or software departments of larger companies
- insurance companies and banks
- the teaching profession.

Well-trained mathematicians are inestimably important, not least because they ensure the upcoming generation of scientists in information technology as well as engineering and natural sciences.

#### Further Study Options:

The Bachelor degree can be followed by master's studies. The Bachelor degree should not be understood so much as a professional qualification; there has as yet been no specific demand for a Bachelor in Mathematics on the part of business. Rather it is seen as a bridge to Master studies or acts a mobility hinge to begin a Masters academic program at a different university or in different subject areas.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure:

The program begins with lectures in analysis and linear algebra as well as introductions to programming and logic and set theory. From the third semester onwards, lectures from all central areas of Mathematics have to be taken; these can be increasingly freely chosen from a wide choice of optional subjects. Students are trained in giving presentations on mathematical themes in at least two seminars.

Major/Minor-Combinations:

A study program in Mathematics 180 is a single major study program. A major study program Mathematics 120 can be combined with a minor study program 60. A major study program in Mathematics 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies:

Part-time studies are possible on account of the modular structure of the course. The duration of study is accordingly longer. A concrete individual model for part-time studies must be discussed in advance with the relevant academic advisor.

Organization:

Faculty of Science

Academic Advisor:

Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor:

Reinhard Furrer

Coordination:

Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Physics

### Description:

#### General description:

The single major study program in Physics (180 ECTS credits) provides a fundamental understanding of physics. Students are familiar with measurement techniques, data analysis and theoretical modeling and are competent in presenting scientific results. Course components: basic courses on mathematics and physics are followed by a theoretical cycle (mechanics, electrodynamics, thermodynamics, quantum mechanics, mathematical methods of physics). Two advanced modules provide students with an overview of experimental physics. The further course of studies allows students to focus and deepen their understanding of either experimental or theoretical physics. Students gain practical experience through courses on computer science and data analysis as well as a mechanical workshop course, seminars and the Bachelor's research project. Optional courses allow students to complement their studies with subjects of particular interest to them.

:

The study of physics at UZH offers students a broad foundational education in experimental and theoretical Physics, which includes practical experience in measurement techniques and experimental methods as well as knowledge of Mathematics and applied Informatics

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

The bachelor's degree entitles the bearer to take a post-graduate course in the relevant field of study with no further conditions. If a student changes his or her field of study the Faculty may demand proof of additional skills not acquired in the Bachelor's degree before admitting them to a Masters course. The same applies for admission to specialized Masters courses.

In any case, even if the Master's degree is in the same field of studies, the Faculty can make admission to the Master's degree course dependent on the fulfilment of certain conditions. These conditions can also be fulfilled during the Master's degree course. Details are set out in the general conditions and/or conditions of study.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: Basic courses on Mathematics and Physics are followed by a theoretical cycle (Mechanics, Electrodynamics, Thermodynamics, Quantum Mechanics, Mathematical Methods of Physics). Two advanced modules provide students with an overview of Experimental Physics. The further course of studies allows students to focus and deepen their understanding of either Experimental or Theoretical Physics. Students gain practical experience through courses on Computer Science and Data Analysis as well as a mechanical workshop course, seminars and the Bachelor's research project. Optional courses allow students to complement their studies with subjects of particular interest to them.

Major/Minor-Combinations: A study program in Physics 180 is a single major study program. A major study program Physics 120 can be combined with a minor study program 60. A major study program in Physics 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study can be prolonged with no problems. Concrete models for part-time studies can be found on the website <http://www.physikstudium.uzh.ch>.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmuller@physik.uzh.ch](mailto:kmuller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

**Part of:**  
Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Chemistry and Business Studies

### Description:

#### General description:

The single major study program in Chemistry and Business Studies (180 ECTS credits) provides a basic theoretical and practical training in Chemistry as well as solid fundamental knowledge of Economics and Natural Sciences. The students learn to think and work methodically and scientifically. Program structure: During the base curriculum (125 ECTS credits), students acquire fundamental knowledge in the classical chemical disciplines, Mathematics, Physics, Genetics, Business Administration, Microeconomics, Macroeconomics and Accounting. During the third year studies (55 ECTS credits), compulsory modules deepen the students' knowledge of Chemistry, Biochemistry, and Business Administration. Through core elective and elective modules, students specialize according to their interests; at least 16 ECTS credits must be earned from Chemistry and at least 6 ECTS credits from Economics. Through the Bachelor's thesis students gain practical experience and apply the acquired knowledge.

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The basis of this study program is a foundational education in the theory and praxis of Chemistry and other natural sciences. In addition, students will receive a broad education in Business Studies. Students will learn how to think and work systematically, analytically and scientifically in the intersection between Chemistry and Business. They will also acquire the subject-specific qualifications to teach Chemistry as a second teaching subject at Upper Secondary Schools (Sekundarstufe II).

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Career Prospects:

Successful completion of the study program results in a Bachelor of Science degree. This qualifies students for positions where recognizing correlations and an independent approach are in demand. Service providers are a typical example. A large number of companies increasingly seek employees who can work independently, think analytically and who have a strong background in science and business.

#### Further Study Options:

Earning a Bachelor's degree qualifies students to continue studying the same subject without having to fulfill further requirements. Should students wish to change their field of study, the faculty may demand evidence of any skills not developed in the Bachelor's program before granting acceptance to a Master program. This also applies to entry to specialized Master's programs. In a event, the faculty may make the completion of the Master's degree dependent fulfilling additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study regulations.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Earning a Bachelor's degree qualifies students to continue studying the same subject without having to fulfill further requirements. Should students wish to change their field of study, the faculty may demand evidence of any skills not developed in the Bachelor's program before granting acceptance to a Master program. This also applies to entry to specialized Master's programs. In a event, the faculty may make the completion of the Master's degree dependent fulfilling additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study regulations.



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In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: During the base curriculum (120 ECTS Credits), students acquire fundamental knowledge in the classical chemical disciplines, Mathematics, Physics, Genetics, Business Administration, Microeconomics, Macroeconomics, and Accounting. During the third year of studies (60 ECTS Credits), compulsory modules deepen the students' knowledge of Chemistry, Biochemistry, and Business Administration. Through core elective and elective modules, students specialize according to their interests; at least 16 ECTS Credits must be earned from Chemistry and at least 12 ECTS Credits from Economics. Through the Bachelor's thesis students gain practical experience and apply the acquired knowledge.

Major/Minor-Combinations: The Bachelor's study program Chemistry and Business Studies is a single ma study program. No minor study program can be taken.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Seeger, E-Mail: [sseeger@chem.uzh.ch](mailto:sseeger@chem.uzh.ch)

Dr. Sabine Stockhause, E-Mail: [sabine.stockhause@chem.uzh.ch](mailto:sabine.stockhause@chem.uzh.ch)

Responsible Instructor: Stefan Seeger

Coordination: Sabine Stockhause

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Computational Linguistics and Language Technology

### Description:

#### General description:

The study program in Computational Linguistics and Language Technology imparts a knowledge of the theory and practice of the automatic computer processing of language in both its spoken and - above all - its written forms. Those completing it are able to analyze issues related to computational linguistics, create language technology programs in line with best IT practice, and empirically evaluate them using annotated data. They have mastered at least one programming language, and are familiar with the application of machine learning, including neuronal technologies. Besides being well versed in the procedures of language technology, they have acquired an in-depth knowledge of a wide variety of topics such as machine translation, text mining, the semantic web, and parsing. In addition to teaching applied practical skills, the study program also gives an insight into the fundamental theoretical approaches of computational linguistics and language technology.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Es bieten sich vier Hauptberufsfelder an: (1) Softwareentwicklung im Bereich Sprachtechnologie (IT-Firmen): Im Tätigkeitsfeld Softwareentwicklung plant und entwickelt man sprachtechnologische Software.

Aufgabenschwerpunkte bestehen darin, die Anforderungen zu analysieren, IT-Lösungen zu entwickeln und Systeme zu programmieren. Die konkreten Aufgaben hängen dabei vom jeweiligen Anwendungsgebiet ab.

(2) Datenanalyse und Datenerhebung (Industrie allgemein, Medienunternehmen, IT-Firmen, Verwaltungen, Behörden, Bibliotheken): Im Tätigkeitsfeld Datenerhebung und -analyse sammelt, produziert und/oder annotiert man Sprachdaten und klassifiziert, aggregiert und analysiert sie. Weitere Aufgabenschwerpunkte bestehen darin, Daten zu verwalten oder für unterschiedliche Verwendungen aufzubereiten und zu konvertieren. Im Bereich Sprachtechnologie geht es vor allem um automatische Analyse von Medienberichten, automatische Sentimentanalyse (z.B. für Markt- und Meinungsforschung) und Semantikanalyse. Auch Frage-Antwort-Systeme und automatische Klassifizierung von Dokumenten und Kurztexten (z.B. Emails, Kundenanfragen etc.) sind Anwendungen der Sprachtechnologie.

(3) Terminologie und Übersetzung, Dokumentenmanagement (Firmen): Viele internationale Firmen, bzw. Firmen, die für den internationalen Markt produzieren, haben eigene Terminologie- und Übersetzungsabteilungen, in denen Computerlinguisten/-linguistinnen für die Implementation und den Ausbau bestehender Softwarelösungen zuständig sind. Dazu gehören neben der Pflege und Erweiterung bestehender Sprachressourcen auch das Trainieren von Übersetzungsverfahren anhand von neuem, ggfs. eigens dafür geschaffenem, multilingualem Sprachmaterial (Korpora). Auch die Evaluation von neuer Software und die Qualitätskontrolle und Optimierung existierender Lösungen gehören zu den Aufgaben.

(4) Consulting im Bereich Sprachtechnologie: Die Hauptaufgabe im Tätigkeitsfeld Consulting besteht darin, Lösungen für sprachtechnologische Fragestellungen eines Unternehmens oder einer Behörde zu finden. Dabei muss der Bedarf des Unternehmens analysiert und Sprachtechnologie-Methoden und -Tools evaluiert werden, um optimale Lösungen für die Fragestellung vorzuschlagen und deren Implementierung zu begleiten. Consulting kann dabei auch die Schulung und Weiterbildung von Anwendern im Betrieb oder in der Behörde beinhalten. Die Aufgabe besteht dann darin, computerlinguistisches Grundwissen in geeigneter didaktischer Form aufzubereiten und zu vermitteln. Entscheidungsprozesse für die Entwicklung und den Einsatz sprachtechnologischer Produkte sind in bestimmten Fällen nicht nur mit kommerziellen, sondern auch mit ethischen Fragestellungen verknüpft. Consulting umfasst dann als Aufgabe auch die Sensibilisierung für gesellschaftliche Chancen, aber auch der Risiken beim Einsatz von Sprachtechnologie.

### Requirements:

Branch of Study: Informatics, Linguistics



Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

**Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Computational Linguistics

Academic Advisor: [study@cl.uzh.ch](mailto:study@cl.uzh.ch)

Responsible Instructor: Rico Sennrich

Coordination: Jeannette Roth

**Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 French Literature and Linguistics

### Description:

#### General description:

On the literary studies side, those completing the program have a basic historical literary knowledge from the Middle Ages to the present, a basic knowledge of literary genres, rhetoric, poetics, and methods of text analysis, and of select literary theories. On the language and linguistics side they are familiar with the construction and usage of French and varieties of Gallo-Romance in the past and present, and have fundamental analytical skills in the grammar, phonetics, and lexis of present-day French. Those completing the program also have French language skills to at least C1 level and a basic understanding of Old French texts. They have mastered the fundamentals of independent scholarship and have acquired initial skills in academic communication.

Main Language of Instruction: French

#### Career Prospects:

Le Bachelor en langue et littérature française donne accès à des emplois qui supposent de bonnes connaissances linguistiques et littéraires du français et, de manière générale, du monde francophone. Les domaines concernés recouvrent la médiation interculturelle, le journalisme, les bibliothèques, l'archivage gestion de l'information, les métiers de l'édition, du tourisme et de ou encore certains secteurs d'entreprises internationales. Le diplôme ouvr également sur des études universitaires plus avancées (Master, doctorat).

### Requirements:

Branch of Study: French Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Chemical and Molecular Sciences

### Description:

#### General description:

After graduation from the doctoral program in Chemical and Molecular Sciences, students have acquired the professional skills needed to independently tackle, solve, and communicate a scientific problem in both theory and practice. The program thereby qualifies students to begin their independent research career in the chemical and molecular sciences. The doctoral program in Chemical and Molecular Sciences is completed with a written dissertation and defense based on results of an independent scientific research project. The program includes, furthermore, a curricular part of at least 12 ECTS credits as well as at least 300 hours of teaching assistance.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Felix Hubertus Zelder

Coordination: Sabine Stockhause

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Chemical Track

### Description:

#### General description:

The single major study program in Biochemistry (180 ECTS credits), Chemical Track imparts the relevant basic principles in chemistry, physics, mathematics, molecular biology, biochemistry and biophysics. The subject focus lies on the development of conceptual understanding in chemistry, biochemistry and biophysics. In the area of generic competencies the emphasis is on scientific reasoning, working and presentation. The Bachelor's degree in Biochemistry Chemical Track qualifies for professional activities requiring a wide-ranging training in the natural sciences. Program structure: The single major study program in Biochemistry, Chemical Track takes six semesters. It starts with the lower-level studies in chemistry/biochemistry (1.- 4. semester). The subsequent specialist study (5.- 6. semester) comprises lectures in molecular cell biology, protein biophysics and practical courses in gene technology, biochemistry and biophysics.

:

A bachelor study program in Biochemistry at UZH provides students with a qualified theoretical education in Chemistry, Physics, Mathematics, Molecular Biology, Biochemistry and Biophysics, as well as practical education in the foundational methods of biochemical research.

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Career Prospects:

The Bachelor's degree in Biochemistry, Chemical Track qualifies for professional activities requiring a wide-ranging education in natural sciences.

#### Further Study Options:

The Bachelor's single major study program biochemistry, Chemical Track ent the bearer to enroll for the Master's study program in biochemistry of the University of Zurich with no further conditions. The admission to related study programs (biology, biomedicine) is possible. For these programs, however, the formal enrolment may be coupled to the fulfillment of requirements or conditions.

### Requirements:

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The Bachelor's single major study program in Biochemistry, Chemical Track addresses to students who like to develop a molecular and chemical understanding of living processes, based on lower-level studies in chemistry and physical chemistry. The program takes six semesters. It starts with the lower-level studies in chemistry/ biochemistry (1.- 4. semester). The subsequent specialist study (5.- 6. semester) comprises lectures in molecular cell biology, protein biophysics and practical courses in gene technology, biochemistry and biophysics.

Major/Minor-Combinations: The Bachelor's study program Biochemistry is a single major study program. minor study program can be taken



Part-Time Studies: The modular structure allows part-time studies. This will lead, however, to a prolonged period of studies. The implementation of an individual programme plan should be coordinated with the student advisory services biochemistry beforehand.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Biomolecular Structure and Mechanism

### Description:

#### General description:

Students of the PhD program Biomolecular Structure and Mechanism carry out their PhD studies either at the ETH or the UZH under the specific institutional regulations. The core of the PhD studies is the completion of a research project in one of the participating groups and the writing of a scientific dissertation. The PhD studies include a curricular part of at least 12 ECTS credits. The composition of the curricular part is decided jointly with the supervisor of the dissertation but it includes a mandatory course on biophysical methods organized by the PhD program. PhD students attend a yearly retreat organized by the PhD program and usually also at least one relevant scientific conference within the course of their dissertation. Besides their research activities PhD students are also involved in the institution specific teaching of undergraduates.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Martin Jinek

Coordination: Judita Tillova

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Cancer Biology

### Description:

#### General description:

The PhD program in Cancer Biology trains participating students towards a PhD (Dr. sc. nat. or Dr. sc. ETH Zürich) in basic or clinical cancer research. In the course of the studies, the students' scientific achievements actively contribute to the success of cancer research in Zurich. To be admitted to the program, the students must hold a Master Degree in biological sciences and pass an admission interview. The original research carried out during the course of the studies must be described in a PhD thesis, which is externally reviewed. Subject to a positive review, the students must defend the thesis in a public presentation that is followed by a closed examination by the responsible faculty members.

During the course of the studies, the students must acquire at least 12 ECTS credits, and attend four mandatory courses and one students' retreat. Furthermore, the PhD students are required to hold regular meetings with their thesis committee.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Maries van den Broek

Coordination: Bettina Rausch-Malina

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Ecology

### Description:

#### General description:

The PhD Program in Ecology primarily involves research projects in one of the internationally acclaimed research groups at the University of Zurich and the ETH Zurich. To enhance student's PhD experience, the program offers research training in the interdisciplinary field of ecology, general skills training for academic and non-academic excellence and opportunities to interact with other doctoral students. The program includes a curricular part of at least 12 ECTS credits, teaching experience. It offers yearly graduate schools, courses on subject specific matters and on methods that are of direct use to the work of doctoral students. Additional courses on transferable skills prepare students for professional life, whether this is in an academic institution or not. Research seminars foster international collaborations and the exchange of experiences among doctoral students and experts from different fields of ecology.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Jordi Bascompte

Coordination: Debra Zuppinger-Dingley

### Part of:

Doctorate Faculty of Science





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Evolutionary Biology

### Description:

#### General description:

Participating students of the PhD Program Evolutionary Biology must write a dissertation about their independent scientific research project to graduate successfully. Following MNF doctorate regulations, students must have annual meetings with their doctoral committee. The program includes a curricular part of at least 12 ECTS credits, of which four have to be obtained through transferable skills courses. In addition, attendance of the survey course "Topics in Evolutionary Biology" (1 ECTS credit) and participation in at least one of the annual retreats organized by the program (no ECTS credits) is compulsory. Further compulsory courses can be determined individually by the doctoral committee.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science.

There is no general right to be granted admission to a PhD program.

Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral

study; restrictions may be fulfilled during doctoral study. Coursework required

to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in

which the PhD thesis will be written. The Vice Dean of Studies decides on

admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction

in the PhD programs is English. All applicants whose native language is not

English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Kentaro Shimizu

Coordination: Anton Robert Weingrill

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Microbiology and Immunology

### Description:

#### General description:

The doctoral program Microbiology and Immunology (MIM) under the umbrella of the Life Science Graduate School Zurich includes a written dissertation about an independent scientific research project. The program includes a curricular part

of at least 12 ECTS credits. The curricular part includes the compulsory attendance of the 'MIM Introductory' course as well as the completion selected Master/PhD courses offered by the ETHZ or UZH or of project- relevant national or international courses. The compilation of the curricular activities is determined individually by the student and the doctoral committee.

Generally, the doctoral regulations of the respective university have to be fulfilled.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Leo Eberl

Coordination: Judith Zingg

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Molecular Life Sciences

### Description:

#### General description:

The doctoral program in Molecular Life Sciences (MLS) includes a written dissertation about the own independent scientific research project.

The program includes a curricular part of at least 12 ECTS credits, of which 7 ECTS credits must be gathered by attending activities organized by the MLS program. The four compulsory modules include a course in scientific writing and ethics in science as well as the attendance of the 1st-year-presentations and the student retreat.

Elective modules comprise the participation in tutorials, introductions into different techniques, methods and research areas as well as the help on committees of the program. Furthermore, the attendance of transferable skills courses offered by the Life Science Zurich Graduate School is recommended.

Doctoral students have to contribute a minimum of 100 and a maximum of 420 hours to teaching activities during their doctoral studies.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science.

There is no general right to be granted admission to a PhD program.

Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral

study; restrictions may be fulfilled during doctoral study. Coursework required

to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in

which the PhD thesis will be written. The Vice Dean of Studies decides on

admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction

in the PhD programs is English. All applicants whose native language is not

English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Ohad Medalia

Coordination: Susanna Bachmann

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Biology

### Description:

#### General description:

The major study program in Biology (120 ECTS credits) provides students with a general education in Natural Sciences, knowledge in all research areas of Biology and the capability to think and work methodically and scientifically.

Course components: In the compulsory modules (90 ECTS credits) of the basic studies curriculum, students learn important concepts in all biological disciplines, from the molecular level, through genes, cells, individuals, populations and up to ecosystems. At the same time students gain basic knowledge of Mathematics, Physics, Chemistry and Biochemistry. During the advanced studies curriculum (30 ECTS credits) students develop their knowledge in areas of their choice in block courses and special lectures.

:

A bachelor major study program Biology taken for 150 or 120 ECTS imparts the same foundational knowledge on students as a mono study program (180 ECTS), but they differ in the breadth of knowledge that is taught. Both options teach students foundational theory and praxis in Biology as well as in other foundational subjects in the natural sciences. Students learn to think and work systematically and scientifically.

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Career Prospects:

With a BSc in biology, graduates have the necessary theoretical and practical qualifications for the Master's degree course in one of the consecutive Master's concentrations in biology, and depending on the choice of optional core modules, for the Master's program in biomedicine, biochemistry and specialized Master programs such as biostatistics or environmental science. The first degree of BSc in biology is also suitable for a start in all types of training and education programs of private and public companies.

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences. This is also applicable to acceptance onto specialized Master's programs.

The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: Course components: In the compulsory modules (90 ECTS) of the basic studies curriculum, students learn important concepts in all biological disciplines, from the molecular level, through genes, cells, individuals, populations and up to ecosystems. At the same time students gain basic knowledge of Mathematics, Physics, Chemistry and Biochemistry. During the advanced studies curriculum (30 ECTS credits) students develop their knowledge in areas of their choice in block courses and special lectures.

Major/Minor-Combinations: A study program Biology 180 is a single major study program. A major study program Biology 120 can be combined with a minor study program 60. A major study program Biology 150 can be combined with a minor study program 30. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich. A minor study program starts in the second year of study.

Part-Time Studies: The basic studies of the Bachelor's degree program in biology are particularly suitable for part-time studies. This naturally leads though to a prolonged period of studies. The order of the compulsory modules during basic studies in the regular degree program is bottom-up. The third regular year of studies for the Bachelor's degree (advanced studies) contains block courses and lectures that take up the whole working week. Part-time students thus have to organize their time in advanced studies to ensure their presence in coherent time blocks of at least three and a half weeks. The instrument for planning individual programs of studies is the guideline on studying biology at the University of Zurich: <http://www.biologie.uzh.ch>

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: [studienkoordination.biologie@uzh.ch](mailto:studienkoordination.biologie@uzh.ch)

[studienkoordination.biologie@uzh.ch](mailto:studienkoordination.biologie@uzh.ch)

Responsible Instructor: Konrad Basler

Coordination: Karin Isler

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 German Literature and Linguistics

### Description:

#### General description:

The German Language and Literature minor imparts the ability to address the subjects and issues of German language and literature on the basis of scholarly models. It provides a knowledge of the scholarly discourses in which the fields treated by German language and literature, including new forms of communication and media representations, are debated, and of the historical and systematic principles of the scholarly conceptualization of these fields. Those who complete the major are equipped to handle philological working methods and analyze the historical, social, pragmatic-functional and aesthetic characteristics of linguistic, literary, and media phenomena.

Main Language of Instruction: German

#### Career Prospects:

Die Bachelor Studienprogramme «Deutsche Sprach- und Literaturwissenschaft bereiten die Studierenden für die spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen der wissenschaftlich fundierte Umgang mit deutscher Sprache und Literatur gefragt ist, wie etwa schulische und ausserschulische Ausbildung, Sprachvermittlung, Redaktionen (Rundfunk, TV, Internet), Verlagswesen, PR und Marketing. Die Studienprogramme legen aber auch die Grundlage für ein weiterführendes Studium im Master.

### Requirements:

Branch of Study: German Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-DSL@ds.uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)



**Universität  
Zürich<sup>UZH</sup>**

BA UZH in Study of Religions Bologna 2020  
Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Scandinavian Studies

### Description:

#### General description:

The minor in Scandinavian Studies imparts the ability to handle texts, artifacts and questions in the field of Scandinavian languages, cultures, and literatures on the basis of scholarly principles. Besides an active knowledge of (at least) one Scandinavian language, the program provides a knowledge of the scholarly discourses in which the fields treated by Scandinavian languages, cultures, and literatures, including the relevant forms of media representation, are debated, and the ability to contextualize and position these fields historically and systematically. Those completing the program are competent in the basic scholarly and philological working methods, and are equipped to comprehensively analyze linguistic, cultural, media and literary manifestations in the field of Scandinavian languages, cultures, and literatures.

Main Language of Instruction: Danish

Further Languages of Instruction: Norwegian, Swedish

#### Career Prospects:

Die Bachelor Studienprogramme «Skandinavistik» bereiten die Studier die spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen ein wissenschaftlich fundierter Umgang mit Sprache und Literatur gefragt ist, wie etwa ausserschulische Ausbildung, Sprachvermittlung, Redaktionen (Rundfunk, TV, Internet), Verlagswesen, PR und Marketing. Die Studienprogramme legen aber auch die Grundlage für ein weiterführendes Studium im Master.

### Requirements:

Branch of Study: Nordic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: [annakatharina.richter@uzh.ch](mailto:annakatharina.richter@uzh.ch)

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Bachelor of Science Faculty of Science (2021)





**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Comparative Germanic Linguistics

### Description:

#### General description:

The minor in Comparative Germanic Linguistics imparts the scholarly principles of historical and comparative literature in relation to the Germanic languages.

Key components of the program involve learning the most important historical corpus languages, and engaging with the methodological principles of synchronic and diachronic linguistics. Beyond this, candidates are trained to analyze the diachronic lines of development and varietal implications of language history, and contextualize the historical stages of language in the philological, historical, and social settings in which they are embedded.

Main Language of Instruction: German

#### Career Prospects:

Das Bachelor Studienprogramm «Vergleichende germanische Sprachwissenschaft bereitet auf berufliche Tätigkeitsfelder vor, in denen der sorgfältige analytische Umgang mit sprachlichen und anderen Daten erforderlich ist, etwa in den Bereichen Verlags-, Bibliotheks- und Publikationswesen, Medien Public Relations und öffentliche Kommunikation. Das Studienprogramm ist ausserdem die Voraussetzung für ein weiterführendes Masterstudium, das für das Lehramt oder die Forschung qualifiziert.

### Requirements:

Branch of Study: German Language and Literature, Linguistics

Regulations: <http://www.phil.uzh.ch/studium/rechtsgrundlagen.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-vgs@ds.uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

BA UZH in Study of Religions Bologna 2020  
Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Neuroscience

### Description:

#### General description:

The ZNZ International PhD Program in Neuroscience includes a written dissertation about the own independent scientific research project. The program provides training in modern neuroscience disciplines and it is designed for students interested in pursuing a professional career in neuroscience. Since program participants originate from different biomedical branches, one key element of the program is the development of skills of communication, interaction with other scientists, and scientific writing. Course work with a minimum of 12 ECTS credits is required. In the first year, the Introductory Course in Neuroscience, parts I and II, is mandatory. The participation in a two-day doctoral retreat is obligatory. The closely supervised thesis work will provide the experience of conducting a substantial piece of original research.

Main Language of Instruction: English

### Requirements:

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science.

There is no general right to be granted admission to a PhD program.

Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral

study; restrictions may be fulfilled during doctoral study. Coursework required

to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in

which the PhD thesis will be written. The Vice Dean of Studies decides on

admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction

in the PhD programs is English. All applicants whose native language is not

English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Wolfgang Knecht

Coordination: Heidi Gauss

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Science and Policy

### Description:

#### General description:

The PhD Program in Science & Policy includes a written dissertation about the own independent scientific research project in natural sciences and is usually completed in three to four years (full-time). The program deals with the interface of science and policy and helps students to elaborate tools and skills for engaging with institutions active in decision-making and implementation. The program includes a curricular part of at least 12 ECTS credits. The curricular part is composed of a lecture in Basics of Policy Sciences and Policy workshops: block courses including lectures, group exercises, literature study and case study work on the topics of evidence-based policy-making in life sciences, stakeholder engagement, communicating science, building political support and contributing to a policy action plan. Some ECTS credits can be chosen freely from research or transferable skill courses.

Main Language of Instruction: English

### Requirements:

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Ueli Grossniklaus

Coordination: Luisa Maria Sophie Last

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Plant Sciences

### Description:

#### General description:

The PhD Program in Plant Sciences includes a written dissertation about the own independent scientific research project. The program aims to broaden the skill base of PhD students and to strengthen their research competence in the plant sciences with workshops on frontier research skills methods and techniques in plant sciences / statistical methods / research management / communicating and disseminating science / professional conduct / finance, funding and resources/ professional and career development / dialogue of science and public.

The program includes a curricular part of at least 12 ECTS credits composed of:

the colloquium "Challenges in Plant Sciences", a choice of intense scientific courses on frontier scientific and methodological topics in the plant sciences, a selection of transferable skill.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Samuel C. Zeeman

Coordination: Melanie Paschke

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Systems Biology

### **Description:**

#### General description:

The doctoral program in Systems Biology includes a written dissertation about the own independent scientific research project. The program includes a curricular part of at least 12 ECTS credits. The curricular part is determined individually for each doctoral student in agreement with the thesis supervisor. Students must attend at least two of the systems biology program's block courses totaling at least 6 ECTS credits.

Main Language of Instruction: English

### **Requirements:**

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program.

Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### **Organization:**

Organization: Faculty of Science

Responsible Instructor: Joerg Stelling

Coordination: Andrea Huber Brösamie

### **Part of:**

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Geography & Earth System Science

### Description:

#### General description:

At the centre of the doctoral program Geography & Earth System Sc of the Zurich Graduate School in Geography is a written dissertation describing an original, independent scientific research project. The program also includes a curriculum encompassing 12 ECTS credits. Of these, 6 must be gained from a core set of mandatory courses including an introduction to the PhD process, exchanges over research themes in Geography and the opportunity to present individual research projects. The remaining 6 ECTS credits are gained through attendance of additional recommended courses offered within the framework of the Graduate School or the wider university. In addition, PhD candidates must contribute to the teaching program of the department (100-420 hours).

Every doctoral student is advised by a PhD Committee consisting of at least three members, at least two of whom have the right to confer PhDs within the Faculty of Science at the University of Zurich.

Main Language of Instruction: English

Further Languages of Instruction: German

### Requirements:

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Hanna Hilbrandt

Coordination: Isabelle Gärtner

### Part of:

Doctorate Faculty of Science





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 English Literature and Linguistics

### Description:

#### General description:

The minor study program in English Literature and Linguistics provides a broad basis of knowledge in the two fields. It also further develops language competence in English, with a particular focus on academic writing, and integrates diverse themes relating to the society, media, and culture of English-speaking countries (primarily the UK and the US).

Main Language of Instruction: English

#### Career Prospects:

The Bachelor's study programs in English Literature and Linguistics prepare students for later employment in a range of areas, particularly education, editing, journalism, PR, advertising, marketing, film, translation, administration, and diplomacy, as well as for advanced studies at Master level.

### Requirements:

Branch of Study: English Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: English Department

Academic Advisor: englishstudies@es.uzh.ch

Responsible Instructor: Barbara Straumann

Coordination: Olivia Melanie Tjon-A-Meeuw

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Genetics and Development

### Description:

#### General description:

The single major study program in Biology with concentration in Genetics and Development (90 ECTS credits) at Master's level provides students with a research based education and the capability to carry out independent scientific work in Genetics and Development or related fields. Components: The course work comprises block courses and special lectures in Genetics and Development (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Genetics and Development, including seminar and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

:  
Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: Jedes Modul wird mit einer Leistungsüberprüfung abgeschlossen. Die Benotung der Leistungen erfolgt auf einer Skala von 1 bis 6, wobei 6 die beste, 1 die schlechteste Leistung bezeichnet. Noten unter 4 stehen für ungenügende Leistungen. Leistungen können auch mit 'bestanden' / 'nicht bestanden'

### Organization:

Program Structure: The course work comprises block courses and special lectures in Genetics (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Genetics, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).



Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler:  
studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Immunology

### **Description:**

#### General description:

The single major study program in Biology with concentration in Immunology (90 ECTS credits) at Master's level provides students with a deeper research b education and the capability to carry out independent scientific work in Immunology or related fields. Components: The course work comprises block courses and special lectures in Immunology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research pr in Immunology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

:  
Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Branch of Study:

Biology

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The course work comprises block courses and special lectures in Immunology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Immunology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Microbiology

### **Description:**

#### General description:

The single major study program in Biology with concentration in Microbiology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Microbiology or related fields. Components: The course work comprises block courses and special lectures in Microbiology (both of the University and of the ETH Zürich), Plant Biology and Medical Microbiology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Microbiology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

:

Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology



Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Microbiology (both of the University and of the ETH Zürich), Plant Biology and Medical Microbiology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Microbiology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Banking and Finance

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They are able to apply their research to practical problems and to present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the doctoral program successfully completed modules with a total work load of 18 ECTS credits. The doctoral thesis covers a specific subject in Banking and Finance of current scientific interest in great depth, and is publicly defended.

:

This Doctoral program is aimed at students who are already working closely with a professor of the Faculty of Economics, Business Administration and Information Technology in a specific area of research and who are generally not pursuing a career in research. If you have not explicitly been invited to apply to the Track A program by a professor of the Faculty of Economics, Business Administration and Information Technology, you are not eligible for the program.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Economics and Business Administration are published at: [http://www.oec.uzh.ch/studies/general/admission/phd\\_en.html](http://www.oec.uzh.ch/studies/general/admission/phd_en.html)

### Organization:

Program Structure: This Doctoral program involves a dissertation and a dissertation defense as well as successful completion of Doctoral courses for a total of at least 18 ECTS credits. Modules must be selected from the core elective area in Banking and Finance. The doctorate is usually completed in three to five years.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: [http://www.oec.uzh.ch/studies/phd/finance\\_en.html](http://www.oec.uzh.ch/studies/phd/finance_en.html)

Responsible Instructor: Steven Ongena

Coordination: Sarah Elisabeth Wikus

### Part of:

Doctorate Business and Economics (A, PVO13)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Banking and Finance

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the structured fast-track doctoral program successfully completed courses with a total work load of 78 ECTS credits and are especially prepared for an academic career. The doctoral thesis covers a specific subject in Banking and Finance of current scientific interest in great depth, and is publicly defended.

:

Candidates may apply for the fast-track Doctoral program in Banking and Finance if they hold an excellent Bachelor's degree as well as recommendation letter and wish to pursue a career in academia. This is a two-part program, comprised of a condensed Master's degree and a PhD.

This program is targeted towards the pursuit of academic excellence. It aims at providing an intellectual environment and a curriculum comparable with the top PhD programs in Europe and North America.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Economics and Business Administration are published at: [http://www.oec.uzh.ch/studies/general/admission/phd\\_en.html](http://www.oec.uzh.ch/studies/general/admission/phd_en.html)

### Organization:

Program Structure: A Master's degree is earned first, followed by a Doctoral degree. In order to attain the Master's degree, prospective students need to acquire at least 60 ECTS credits. The subsequent doctorate is usually completed in three to five years. In addition to writing the dissertation and passing the defense, the Track C Doctoral level in Economics comprises the successful completion of 78 ECTS credits in compulsory and core elective modules at the Doctoral level. Please refer to the Doctoral program regulations for more details: [http://www.oec.uzh.ch/regulations\\_en](http://www.oec.uzh.ch/regulations_en). For a detailed description of the courses offered at the department as well as for a general overview of the program's structure, consult the website of the Department of Banking and Finance: [http://www.phd-finance.uzh.ch/Program\\_en](http://www.phd-finance.uzh.ch/Program_en).

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: [http://www.oec.uzh.ch/studies/phd/finance\\_en.html](http://www.oec.uzh.ch/studies/phd/finance_en.html)

Responsible Instructor: Steven Ongena

Coordination: Sarah Elisabeth Wikus

### Part of:



Doctorate Business and Economics (C, PVO13)





Academic Advisor: [http://www.oec.uzh.ch/studies/phd/business\\_en.html](http://www.oec.uzh.ch/studies/phd/business_en.html)

Responsible Instructor: Ulrich Kaiser

Coordination: Falko Zapf

**Part of:**

Doctorate Business and Economics (C, PVO13)





Academic Advisor: [http://www.oec.uzh.ch/studies/phd/business\\_en.html](http://www.oec.uzh.ch/studies/phd/business_en.html)

Responsible Instructor: Robert F. Göx

Coordination: Falko Zapf

**Part of:**

Doctorate Business and Economics (C, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Economics

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the structured fast-track doctoral program successfully completed courses with a total work load of 78 ECTS credits and are especially prepared for an academic career. The doctoral thesis covers a specific subject in Economics of current scientific interest in great depth, and is publicly defended.

:

Candidates may apply for the fast-track Doctoral program in Economics if they hold an excellent Bachelor's degree as well as recommendation letters and to pursue a career in academia. This is a two-part program, comprised of a condensed Master's degree and a PhD.

The international Doctoral program in Economics at the University of Zurich offers a set of courses taught by internationally renowned scholars and world-class research opportunities. Close collaboration between Doctoral students and supervisors and strong team spirit among students are specific features of the Doctoral program. Students enjoy the benefits of a highly interdisciplinary, vibrant research community with access to first-class facilities. Students can choose from a wide range of research interests in all areas of economics, including econometrics, macroeconomics, microeconomics, and neuroeconomics. The research conducted at the department has an interdisciplinary focus, combining modern economics with elements of history, political science, psychology, biology, and sociology.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Economics and Business Administration are published at: <https://www.oec.uzh.ch/en/studies/admission/phd.html>

### Organization:

#### Program Structure:

A Master's degree is earned first, followed by a Doctoral degree. In order to attain the Master's degree, prospective students need to acquire at least 90 ECTS credits. The subsequent doctorate is usually completed in three to five years. In addition to writing the dissertation and passing the defense, the Track C Doctoral level in Economics comprises the successful completion of 78 ECTS credits in compulsory and core elective modules at the Doctoral level.

Please refer to the Doctoral program regulations for more details: [http://www.oec.uzh.ch/regulations\\_en](http://www.oec.uzh.ch/regulations_en). For a detailed description of the courses offered at the department as well as for a general overview of the program's structure, consult the website of the Zurich Graduate School of Economics: <https://www.econ.uzh.ch/en/study/phd/zurichgse/schedule.html>

Organization: Faculty of Business, Economics and Informatics



Academic Advisor: <https://www.econ.uzh.ch/en/study/phd/zurichgse/contact.html>

Responsible Instructor: Roberto A. Weber

Coordination: Mirjam Britschgi

**Part of:**

Doctorate Business and Economics (C, PVO13)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Economics

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the structured doctoral program successfully completed courses with a total work load of 93 ECTS credits and are especially prepared for an academic career. The doctoral thesis covers a specific subject in Economics of current scientific interest in great depth, and is publicly defended.

:

Students who intend to pursue an academic career and hold a Master's degree equivalent, such as the Swiss lic. oec. or the German Universitätsdiplom) with a distinction of at least "magna cum laude" are offered the opportunity to take courses in the Track B program in Economics in preparation for writing a dissertation.

The international Doctoral program in Economics at the University of Zurich offers a set of courses taught by internationally renowned scholars and world-class research opportunities. Close collaboration between Doctoral students and supervisors and strong team spirit among students are specific features of the Doctoral program. Students enjoy the benefits of a highly interdisciplinary, vibrant research community with access to first-class facilities. Students can choose from a wide range of research interests in all areas of economics, including econometrics, macroeconomics, microeconomics, and neuroeconomics. The research conducted at the department has an interdisciplinary focus, combining modern economics with elements of history, political science, psychology, biology, and sociology.

Main Language of Instruction: English

### Requirements:

:

The conditions for admission to the Doctoral program in Economics and Business Administration are published at: <https://www.oec.uzh.ch/en/studies/admission/phd.html>

### Organization:

Program Structure: During their Doctoral studies students take core courses in mathematics, microeconomics, macroeconomics, and econometrics. These core courses provide the foundation for the topic-specific courses or specialization courses. The compulsory modules include an independent research proposal. The candidates draft a dissertation based on this foundation. The doctorate is usually completed in three to five years. Please refer to the Doctoral program regulations for more details: [https://www.oec.uzh.ch/regulations\\_en](https://www.oec.uzh.ch/regulations_en). For a detailed description of the courses offered at the department as well as for a general overview of the program's structure, consult the website of the Zurich Gra School of Economics: <https://www.econ.uzh.ch/en/study/phd/zurichgse/schedule.html>

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <https://www.econ.uzh.ch/en/study/phd/zurichgse/contact.html>



**Universität  
Zürich<sup>UZH</sup>**

Responsible Instructor: Roberto A. Weber

Coordination: Mirjam Britschgi

**Part of:**

Doctorate Business and Economics (B, PVO13)





**Universität  
Zürich**<sup>UZH</sup>

Coordination: Falko Zapf

**Part of:**

Doctorate Business and Economics (B, PVO13)





**Universität  
Zürich**<sup>UZH</sup>

Coordination: Falko Zapf

**Part of:**

Doctorate Business and Economics (B, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Banking and Finance

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the structured doctoral program successfully completed courses with a total work load of 93 ECTS credits and are especially prepared for an academic career. The doctoral thesis covers a specific subject in Banking and Finance of current scientific interest in great depth, and is publicly defended.

:

Students who intend to pursue an academic career and hold a Master's degree equivalent, such as the Swiss lic. oec. or the German Universitätsdiplom) with a distinction of at least "magna cum laude" are offered the opportunity to take courses in the Track B program in Banking and Finance in preparation for writing a dissertation.

The structured Doctoral program in Banking and Finance at the University of Zurich is part of the Swiss Finance Institute PhD Program, which operates at three campuses in Geneva/Lausanne, Lugano and Zurich. The program is targeted towards the pursuit of academic excellence. It aims at providing an intellectual environment and a curriculum comparable with the top PhD programs in Europe and North America.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Economics and Business Administration are published at: [http://www.oec.uzh.ch/studies/general/admission/phd\\_en.html](http://www.oec.uzh.ch/studies/general/admission/phd_en.html)

### Organization:

Program Structure: The program comprises two phases: one preparatory year of intensive coursework followed by three years of advanced studies and research. It covers a wide range of subjects, including economics, financial economics, corporate finance, mathematical finance, and econometrics. The compulsory modules include an independent research proposal. The candidates draft a dissertation based on this foundation. All courses are taught by internationally renowned academics from Switzerland, Europe, and North America. Moreover, a large number of courses in related fields is offered by partner institutions in the Swiss Finance Institute PhD program. Please refer to the Doctoral program regulations for more details: [https://www.oec.uzh.ch/regulations\\_en](https://www.oec.uzh.ch/regulations_en). For a detailed description of the courses offered at the department as well as for a general overview of the program's structure, consult the website of the Department of Banking and Finance: [www.phd-finance.uzh.ch/Program\\_en](http://www.phd-finance.uzh.ch/Program_en).

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/studies/phd/finance.html>

Responsible Instructor: Steven Ongena

Coordination: Sarah Elisabeth Wikus



**Universität  
Zürich**<sup>UZH</sup>

**Part of:**

Doctorate Business and Economics (B, PVO13)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Management and Economics

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They are able to apply their research to practical problems and to present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the doctoral program successfully completed modules with a total work load of 18 ECTS credits. The doctoral thesis covers a specific subject in Management and Economics of current scientific interest in great depth, and is publicly defended.

:

This Doctoral program is aimed at students who are already working closely with a professor of the Faculty of Economics, Business Administration and Information Technology in a specific area of research and who are generally not pursuing a career in research. If you have not explicitly been invited to apply to the Track A program by a professor of the Faculty of Economics, Business Administration and Information Technology, you are not eligible for the program.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Economics and Business Administration are published at: [http://www.oec.uzh.ch/studies/general/admission/phd\\_en.html](http://www.oec.uzh.ch/studies/general/admission/phd_en.html)

### Organization:

Program Structure: This Doctoral program involves a dissertation and a dissertation defense as well as successful completion of Doctoral courses for a total of at least 18 ECTS credits. Modules must be selected from the core elective area in Management and Economics. The doctorate is usually completed in three to five years.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: [http://www.oec.uzh.ch/studies/phd/business\\_en.html](http://www.oec.uzh.ch/studies/phd/business_en.html)

Responsible Instructor: Ulrich Kaiser

Coordination: Falko Zapf

### Part of:

Doctorate Business and Economics (A, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Business Administration

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They are able to apply their research to practical problems and to present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the doctoral program successfully completed modules with a total work load of 18 ECTS credits. The doctoral thesis covers a specific subject in Business Administration of current scientific interest in great depth, and is publicly defended.

:

This Doctoral program is aimed at students who are already working closely with a professor of the Faculty of Economics, Business Administration and Information Technology in a specific area of research and who are generally not pursuing a career in research. If you have not explicitly been invited to apply to the Track A program by a professor of the Faculty of Economics, Business Administration and Information Technology, you are not eligible for the program.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Economics and Business Administration are published at: [http://www.oec.uzh.ch/studies/general/admission/phd\\_en.html](http://www.oec.uzh.ch/studies/general/admission/phd_en.html)

### Organization:

Program Structure: This Doctoral program involves a dissertation and a dissertation defense as well as successful completion of Doctoral courses for a total of at least 18 ECTS credits. Modules must be selected from the core elective area in Business Administration. The doctorate is usually completed in three to five years.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: [http://www.oec.uzh.ch/studies/phd/business\\_en.html](http://www.oec.uzh.ch/studies/phd/business_en.html)

Responsible Instructor: Robert F. Göx

Coordination: Falko Zapf

### Part of:

Doctorate Business and Economics (A, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Economics

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They are able to apply their research to practical problems and to present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the doctoral program successfully completed modules with a total work load of 18 ECTS credits. The doctoral thesis covers a specific subject in Economics of current scientific interest in great depth, and is publicly defended.

:

This Doctoral program is aimed at students who are already working closely with a professor of the Faculty of Economics, Business Administration and Information Technology in a specific area of research and who are generally not pursuing a career in research. If you have not explicitly been invited to apply to the Track A program by a professor of the Faculty of Economics, Business Administration and Information Technology, you are not eligible for the program.

Currently, the Institute of Economics does not accept any prospective Track A candidates.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Economics and Business Administration are published at: <https://www.oec.uzh.ch/en/studies/admission/phd.html>

### Organization:

Program Structure: This Doctoral program involves a dissertation and a dissertation defense as well as successful completion of Doctoral courses for a total of at least 18 ECTS credits. Modules must be selected from the core elective area in Economics. The doctorate is usually completed in three to five years.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <https://www.econ.uzh.ch/en/study/phd/zurichgse/contact.html>

Responsible Instructor: Roberto A. Weber

Coordination: Mirjam Britschgi

### Part of:

Doctorate Business and Economics (A, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Physics

### Description:

#### General description:

The doctoral program in Physics includes a written dissertation about the own independent scientific research project. The program includes a curricular part of at least 12 ECTS credits. The curricular part is determined individually for each doctoral student through the doctoral committee and focuses on the specific environment of the research area but also considers a general physics education. Per year, the visit of at least one scientific congress or summer school, relevant to the own research area, is compulsory. The regular participation in weekly research seminars is compulsory (no ECTS credits). Additionally, doctoral students must take at least one teaching load in each semester.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Gino Isidori

Coordination: Denise Verena Caneve

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Epidemiology and Biostatistics

### Description:

#### General description:

The Doctoral Program in Epidemiology and Biostatistics includes the writing of a dissertation on the own independent scientific research project. The program includes a curricular part of at least 12 ECTS credits, which is determined individually for each doctoral student by the thesis committee and focuses on the specific environment of the research area but also considers general research competences in epidemiology and biostatistics as well as the acquisition of transferable skills for the professional development inside and outside of academic institutions. Participation at conferences and research seminars, preparation of scientific publications and the presentation of own research results at internal seminars are not awarded ECTS credits, nevertheless these activities are intrinsic. Additionally, doctoral students must participate in the teaching activities of their institution.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Milo Alan Puhan

Coordination: Marco Kaufmann

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 General and Comparative Literature

### Description:

#### General description:

General and Comparative Literature involves investigating literature both in its uniqueness and in its diversity across languages, and the commonalities and differences that emerge. On the general literature side, those completing the program have a basic knowledge of poetics and literary aesthetics: What is literature? How is it produced and received? What regional and historical commonalities and differences are there? On the comparative literature side, they are able to analyze the relationships between texts in different languages (primarily German, French, and English) and literatures in dialogue with other arts and cultural manifestations and processes in the form of their own areas of focus.

Main Language of Instruction: German

#### Career Prospects:

Neben dem Fachwissen vermittelt das Studium der Allgemeinen und Vergleichenden Literaturwissenschaft (AVL) Fähigkeiten zum wissenschaftlichen Arbeiten und zum analytischen Denken. Mögliche Anwendungsfelder liegen im Bereich der Medien (Recherche, Journalismus) sowie der Übersetzungspraxis, in der Verwaltung (Projektleitung, Wissensmanagement), im Kulturbetrieb oder im Bereich der Bildung. Insbesondere aber ermöglicht ein Abschluss des Bachelor Minor-Studienprogramms in AVL einen auflagenfreien Zugang nicht nur zum Minor-Studienprogramm «Allgemeiner und Vergleichender Literaturwissenschaft (AVL), sondern auch zum Mono-Studienprogramm «Literaturwissenschaft» Masterstufe.

### Requirements:

Branch of Study: Comparative Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: [avl@rom.uzh.ch](mailto:avl@rom.uzh.ch)

Responsible Instructor: Rico Franc Valär

Coordination: Stéphane Boutin

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Biology

### Description:

#### General description:

The major study program in Biology (150 ECTS credits) provides students with a general education in Natural Sciences, knowledge in all research areas of Biology and the capability to think and work methodically and scientifically.

Course components: In the compulsory modules (90 ECTS credits) of the basic studies curriculum, students learn important concepts in all biological disciplines, from the molecular level, through genes, cells, individuals, populations and up to ecosystems. At the same time students gain basic knowledge of Mathematics, Physics, Chemistry and Biochemistry. Following their interests, students choose core elective modules (15 ECTS credits) of biology-related fields already during their basic studies. During the advanced studies curriculum (45 ECTS credits) students develop their knowledge in areas of their choice in block courses and special lectures.

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A bachelor major study program Biology taken for 150 or 120 ECTS imparts the same foundational knowledge on students as a single major study program (180 ECTS), but they differ in the breadth of knowledge that is taught. Both options teach students foundational theory and praxis in Biology as well as in other foundational subjects in the natural sciences. Students learn to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

With a BSc in biology, graduates have the necessary theoretical and practical qualifications for the Master's degree course in one of the consecutive Master's concentrations in biology, and depending on the choice of optional core modules, for the Master's program in biomedicine, biochemistry and specialized Master programs such as biostatistics or environmental science. The first degree of BSc in biology is also suitable for a start in all types of training and education programs of private and public companies.

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences. This is also applicable to acceptance onto specialized Master's programs. The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:





Program Structure:

Course components: In the compulsory modules (90 ECTS) of the basic studies curriculum, students learn important concepts in all biological disciplines, from the molecular level, through genes, cells, individuals, populations and up to ecosystems. At the same time students gain basic knowledge of Mathematics, Physics, Chemistry and Biochemistry. Following their interests, students choose core elective modules (15 ECTS) of biology-related fields already during their basic studies. During the advanced studies curriculum (45 ECTS credits) students develop their knowledge in areas of their choice in block courses and special lectures.

Major/Minor-Combinations:

A study program Biology 180 is a single major study program. A major study program Biology 120 can be combined with a minor study program 60. A major study program Biology 150 can be combined with a minor study program 30. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich. A minor study program starts in the second year of study.

Part-Time Studies:

The basic studies of the Bachelor's degree program in biology are particularly suitable for part-time studies. This naturally leads though to a prolonged period of studies. The order of the compulsory modules during basic studies in the regular degree program is bottom-up. The third regular year of studies for the Bachelor's degree (advanced studies) contains block courses and lectures that take up the whole working week. Part-time students thus have to organize their time in advanced studies to ensure their presence in coherent time blocks of at least three and a half weeks. The instrument for planning individual programs of studies is the guideline on studying biology at the University of Zurich: <http://www.biologie.uzh.ch>

Organization:

Faculty of Science

Academic Advisor:

Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler

[studienkoordination@biol.uzh.ch](mailto:studienkoordination@biol.uzh.ch)

Responsible Instructor:

Konrad Basler

Coordination:

Karin Isler

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Chemistry

### Description:

#### General description:

The major study program in Chemistry (150 ECTS credits) provides a general scientific education with an emphasis on Chemistry. Students learn methodical scientific thinking and obtain an advanced knowledge of Chemistry, as well as acquiring basic laboratory skills. Program structure: The first year of studies provides the fundamentals in Chemistry, Physics, Mathematics, and Biology (60 ECTS credits). During the second year students gain knowledge in the three classical chemical disciplines through lectures and practical courses (45 ECTS credits). Besides a compulsory module in Biochemistry the core elective modules of the third year (20 ECTS credits) allow specialization in selected chemical disciplines; elective modules allow students to expand their understanding further. First experiences in independent research work are gained during the Bachelor's thesis (10 ECTS credits).

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A bachelor's major study program in Chemistry taken for 150 or 120 ECTS im the same foundational knowledge on students as a single major study program (180 ECTS), but they differ in the breadth of knowledge that is taught. Both options teach students foundational theory and praxis in Chemistry as well as in other foundational subjects in the natural sciences. Students learn to think and work systematically and scientifically and acquire the subject-specific qualifications necessary to teach Chemistry as their second teaching subject at Upper Secondary Schools (Sekundarstufe II).

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The Bachelor's degree is a suitable qualification for entry into a career requiring a general scientific degree.

Our world needs experts in chemistry across the entire range of human endeavor. Chemistry is the driving force for finance and the market, it has an influence on health and the environment, and makes significant contributions to the development of art and entertainment.

#### Further Study Options:

Successful completion of the BSc entitles students to continue studying the same subject without having to fulfill further conditions. Should a student wish to change his or her field of study, the faculty may demand evidence of any competences not covered by the Bachelor's program before accepting the student onto the Master's program. This also applies to entry into specialized Master's programs. In any event, the Faculty may make the completion of the Master's degree dependent on fulfillment of additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study guidelines.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Successful completion of the BSc entitles students to continue studying the same subject without having to fulfill further conditions. Should a student wish to change his or her field of study, the faculty may demand evidence of any competences not covered by the Bachelor's program before accepting the student onto the Master's program. This also applies to entry into specialized Master's programs. In any event, the Faculty may make the completion of the Master's degree dependent on fulfillment of additional requirements. These requirements may also be fulfilled during the Master's program. Details are set out in the framework rules and study guidelines.:

In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.



Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: Program structure: The first year of studies provides the fundamentals in Chemistry, Physics, Mathematics, and Biology (60 ECTS Credits). During the second year students gain knowledge in the three classical chemical disciplines through lectures and practical courses (45 ECTS Credits). Besides a compulsory module in Biochemistry the core elective modules of the third year (20 ECTS Credits) allow specialization in selected chemical disciplines; elective modules allow students to expand their understanding further. First experiences in independent research work are gained during the Bachelor's thesis (10 E Credits).

Major/Minor-Combinations: A study program in Chemistry 180 is a single major study program. A major study program Chemistry 120 can be combined with a minor study program 60. A major study program Chemistry 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies: Part-time study is possible based on the modular structure of the course. However, this will increase the length of the course. A precise individual model for part-time study must be agreed with the responsible academic advisor in advance.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Geography

### Description:

#### General description:

The major study program in Geography (150 ECTS credits) provides a general education in Geo sciences and covers all three thematic subject areas of Geography (Physical Geography, Human Geography and Geographic Information Science & Remote Sensing) and builds the capability to think and systematic and scientific way. The course is structured through ECTS credits: The first two years include compulsory modules in Geography, Earth Sciences and Mathematics. The third year includes a Bachelor's research project and compulsory modules that consolidate knowledge gained over the thematic subject areas. The studies are completed with further elective and core elective modules in Geography. Further ECTS credits must be gained from a wide range of optional modules, wherein individuals can choose to focus on a particular area.

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The Bachelor's degree in Geography provides an understanding of basic conc and current trends of development in the subject. It is characterized by a broad and fundamental education and offers opportunities for thematic consolidation in the final year of study. The subject combines approaches from the natural, social and computer sciences, thus offering a unique combination of research perspectives. In teaching, in-depth knowledge from current research projects is presented in order to critically examine socially relevant topics.

Students' intellectual abilities and networked thinking are encouraged to prepare them for their future educational path.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The Bachelor's degree is a prerequisite for a Master's degree at the of Zurich (UZH) or at another university and does not constitute a professional qualification. A Master's degree in another major study program is general possible with the Bachelor's degree in Geography, but may be subject to conditions and additional requirements depending on the study program.

Graduates of the Department of Geography are in demand on the job market, due to their methodological-theoretical and application-oriented skills. The fields of employment are diverse (e.g. in the fields of spatial planning, environment, landscape and human beings, geoinformatics and communication or teaching at secondary schools) and usually depend on the thematic consolidation chosen in the Master's program.

#### Further Study Options:

Earning a Bachelor's degree automatically qualifies students to continue studying the same subject without having to fulfill further conditions.

Should students wish to change their field of study, the faculty may demand evidence of any skills not developed the Bachelor's study program before granting acceptance to a Master's study program. This also applies to entry to specialized Master's study programs.

In any event - even in the same field of study - the faculty may make the completion of the Master's degree dependent upon meeting additional requirements. These requirements may also be fulfilled during the Master's study program. Details are set out in the framework rules and study regulations.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regula in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".



Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The first two years of the study program mainly consist of compulsory modules in Geography, Earth Sciences and Mathematics. The third year of the study program comprises a Bachelor's thesis as well as elective modules that all initial specializations within the thematic areas (see above). The program is supplemented with further consolidation and elective modules in Geography and related disciplines. Within the elective area, individual thematic focuses can be set.

Major/Minor-Combinations: A study program in Geography 180 at Bachelor's level is a single major stu program. A major study program in Geography 120 at Bachelor's level can be combined with a minor study program 60. A major study program in Geography 150 at Bachelor's level can be combined with a minor study program 30. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich. Possible minor study programs at ETH Zurich are listed on the website of the Department of Geography. A minor study program starts in the second year of study.

Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Plant Sciences

### **Description:**

#### General description:

The single major study program in Biology with concentration in Plant Sciences (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Plant Sciences or related fields. Components: The course work comprises block courses and special lectures in Plant Sciences (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Plant Sciences, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Branch of Study:

Biology

#### Grading:

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The course work comprises block courses and special lectures in Plant Sciences (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Plant Sciences, including seminars and colloq (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Quantitative Biology and Systems Biology

### **Description:**

#### General description:

The single major study program in Biology with concentration in Quantitative Biology and Systems Biology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Quantitative Biology and Systems Biology or related fields. Components: The course work comprises block courses and special lectures in Quantitative Biology and Systems Biology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Quantitative Biology and Systems Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology





Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Quantitative Biology and Systems Biology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Quantitative Biol and Systems Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Biomedical Ethics and Law

### Description:

#### General description:

The PhD program Biomedical Ethics and Law is designed to expand students' understanding of global issues in biomedical ethics and law.

Participants in the program acquire the methodological skills necessary for dealing with the ethical and legal dilemmas that arise in biomedicine and health care. The program provides the intellectual environment as well as the necessary guidance to enable PhD candidates to design and implement their own research project. The program furthermore offers opportunities for PhD candidates to interact with a network of experts in the field of biomedical ethics and law.

Main Language of Instruction: German

### Requirements:

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Subject to the Admission requirements of the ordinance for obtaining a doctoral degree, only those are admitted to the doctoral program Biomedical Ethics and Law who are particularly suited and motivated and have completed the selection process at the Faculty of Law as well. Application for Admission to the doctoral program must be submitted in writing to the BmEL FWF doctoral committee.

Grading: Performance is graded on a "pass" or "fail" basis.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:

Major/Minor-Combinations: The degree program does not provide a minor subject. The degree program cannot be studied as a minor subject as part of another degree program.

Organization: Faculty of Law

Academic Advisor: Programmkoordination Law Track: [bmel@ius.uzh.ch](mailto:bmel@ius.uzh.ch)

Responsible Instructor: Brigitte Tag

Coordination:

### Part of:

Doctorate Faculty of Law (PVO09)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Law

### Description:

#### General description:

Doctoral candidates learn the essential methodological skills for in-depth and broad-ranging study of legal issues. The doctoral program of the Faculty of Law includes submitting a written PHD thesis and completing modules worth at least 30 ECTS credits. The doctoral thesis must be submitted in the form of a monograph and should make an independent contribution to research.

Main Language of Instruction: German

### Requirements:

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The general doctorate is open to graduates who have obtained a Master of Law or Licentiate Degree in Law from the University of Zurich with a summa cum laude or magna cum laude distinction. Graduates who are not awarded a distinction will be admitted to the doctoral program if a Faculty member declares him or herself willing to supervise them. Candidates who have obtained a Master of Law or Licentiate Degree in Law from another Swiss University will be admitted if a Faculty member declares him or herself willing to supervise them. Candidates who have obtained a Master of Law or a degree recognized as equivalent under &#246; 41 letter b of the Ordinance on Admission to Studies at the University of Zurich will be admitted if a Faculty member declares him or herself willing to supervise them. Admission may be tied to conditions or restrictions. Decisions on admissions will be made by the Admissions Committee. Candidates with a Master's degree from a different university faculty that is recognized by University of Zurich or an equivalent, recognized university qualification may be admitted in individual cases. There is no legal entitlement to admission.

Admission may be subject to conditions or restrictions. Decisions on admissions will be made by the Admissions Committee. Candidates with further education degrees at the level of Master of Advanced Studies and equivalent qualifications are not eligible for admission to the doctoral program. These qualifications may, however, be taken into account in the decision on admission if they were in the field of law and were completed successfully.

Candidates who have successfully passed the selection procedure at the Faculty of Law will be admitted to the doctoral program Biomedical Ethics and Law. Applications for admission to the doctoral program must be submitted in writing to the BmEL RWF doctoral committee

Grading: Performance is graded on a "pass" or "fail" basis.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:

Major/Minor-Combinations: The degree program does not provide a minor subject. The degree program cannot be studied as a minor subject as part of another degree program.

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

### Part of:

Doctorate Faculty of Law (PVO09)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Virology

### Description:

#### General description:

The single major study program in Biology with concentration in Virology (90 ECTS credits) at Master's level provides students with a deeper research b education and the capability to carry out independent scientific work in Virology or related fields. Components: The course work comprises block courses and special lectures in Virology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Virology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Branch of Study:

Biology

#### Grading:

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The course work comprises block courses and special lectures in Virology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Virology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Molecular and Cellular Biology

### **Description:**

#### General description:

The single major study program in Biology with concentration in Molecular and Cellular Biology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Molecular and Cellular Biology or related fields.

Components: The course work comprises block courses and special lectures in Molecular and Cellular Biology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Molecular and Cellular Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's program, teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies



to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Molecular and Cellular Biology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Molecular and Cellular Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Neurosciences

### Description:

#### General description:

The single major study program in Biology with concentration in Neurosciences (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Neurosciences or related fields. Components: The course work comprises block courses and special lectures in Neurosciences (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Neurosciences, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's program teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Branch of Study:

Biology

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The course work comprises block courses and special lectures in Neurosciences (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Neurosciences, including seminars and colloqu (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Paleontology

### **Description:**

#### General description:

The single major study program in Biology with concentration in Paleontology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Paleontology or related fields. Components: The course work comprises block courses and special lectures in Paleontology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Paleontology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Branch of Study:

Biology

#### Grading:

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The course work comprises block courses and special lectures in Paleontology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Paleontology, including seminars and colloqui (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration General Geography

### **Description:**

#### General description:

The single major study program in Geography (General Geography) at Master's level builds on the Bachelor's degree and provides students with a deeper scientific understanding and the capability to carry out independent work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen. A Master's research project (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's

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This mono study program offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

#### Career Prospects:

Thanks to their comprehensive education in various areas of geography, graduates of the program have access to good career opportunities. This is particularly true where teamwork and interdisciplinary cooperation are required. Geography graduates have promising employment opportunities thanks to their comprehensive education. This is particularly true where teamwork and interdisciplinary collaboration are required. Opportunities for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. A Master's degree in Geography without specialization prepares students for positions as generalists and is useful for students who choose to train as secondary school teachers.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### **Requirements:**

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**



Program Structure: A General Education module and excursions are compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen. A Master's research project (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master' students.

The General Education module "Geography.Matters.", the Master's thesis in Geography (30 ECTS credits) and the Master's exam (2 ECTS credits) are compulsory in this study program. A minimum of 6 ECTS credits in core elective modules have to be chosen out of each of the three thematic subject areas Physical Geography, Human Geography, as well as Remote Sensing and Geographic Information Science. In total, a minimum of 30 ECTS credits in core elective modules need to be completed. Major/Minor-Combinations

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Geographic Information Science and Systems

### **Description:**

#### General description:

The single major study program in Geography, with concentration in Geographic Information Science and Systems at Master's level, builds on the Bachelor's degree and provides students with a deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Geographic Information Science and Systems (18 ECTS credits). A Master's research project in Geographic Information Science and Systems (30 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students.

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This mono study program offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education. This is particularly true where teamwork and interdisciplinary collaboration are required. Opportunities for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in geographic information science also opens up opportunities in research institutes, surveying firms and companies in the GIS field as well as in the area of spatial planning.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### **Requirements:**

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**



Program Structure: A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Geographic Information Science (18 ECTS credits). A Master's research project in Geographic Information Science (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students. The general education module "Geography.Matters.", the Master's thesis in Geography (30 or 60 ECTS credits) and the Master's exam (2 ECTS credits) are compulsory in this study program. Furthermore, core elective modules and elective modules are selected according to the chosen emphasis. Further information can be accessed on the website of the Department of Geography.

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

#### Organization

Organization: Faculty of Science

Academic Advisor: [student-advice@geo.uzh.ch](mailto:student-advice@geo.uzh.ch)

Responsible Instructor:

Coordination:

#### **Part of:**

Master of Science Faculty of Science (90) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Remote Sensing

### Description:

#### General description:

The single major study program in Geography, with concentration in Remote Sensing at Master's level, builds on the Bachelor's degree and provides students with a deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Remote Sensing (18 ECTS credits). A Master's research project in Remote Sensing, combined with seminars and colloquia (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students.

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This mono study program offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education and are particularly sought-after where teamwork and interdisciplinary cooperation are required. Possible employment for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in remote sensing also opens up opportunities at research institutes, the European Space Agency (ESA) and remote sensing companies.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Remote Sensing (18 ECTS credits). A Master's research project in Remote Sensing, combined with seminars and colloquia (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students. The general education module "Geography.Matters.", the Master's thesis in Geography (30 or 60 ECTS credits) and the Master's exam (2 ECTS credits) are compulsory in this study program. Furthermore, core elective modules and elective modules are selected according to the chosen emphasis. Further information can be accessed on the website of the Department of Geography.  
Major/Minor-Combinations



Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: [student-advice@geo.uzh.ch](mailto:student-advice@geo.uzh.ch)

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Human Geography

### Description:

#### General description:

The single major study program in Geography, with concentration in Human Geography at Master's level, builds on the Bachelor's degree and prov students with a deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Human Geography (18 ECTS credits). A Master's research project in Human Geograph combined with seminars and colloquia (30 or 60 ECTS credits) and a Master' exam (2 ECTS credits) form a central component of the education of Master' students.

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This mono study program offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education and are particularly sought-after where teamwork and interdisciplinary cooperation are required. Possible employment for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in human and economic geography also opens up opportunities in national and international aid organizations.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Human Geography (18 ECTS credits). A Master's research project in Human Geography, combined with seminars and colloquia (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a central component of the education of Master's students. The gener education module "Geography.Matters.", the Master's thesis in Geography (3 60 ECTS credits) and the Master's exam (2 ECTS credits) are compulsory in study program. Furthermore, core elective modules and elective modules are selected according to the chosen emphasis. Further information can be accessed on the website of the Department of Geography.



Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended and may not exceed the maximum duration of study. In special cases, an extension may be granted on application. The maximum duration of study is six semesters from the onset of studies. The standard period of study for the Master's degree is three semesters. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: [student-advice@geo.uzh.ch](mailto:student-advice@geo.uzh.ch)

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Physical Geography

### Description:

#### General description:

The single major study program in Geography, with concentration in Physical Geography at Master's level, builds on the Bachelor's degree and prov students with a deeper scientific understanding and the capability to carry out independent scientific work. Course components: The module GEO 410 is compulsory. Minimum five restricted optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Physical Geography (18 ECTS credits). A Master's research project in Physical Geogr (30 or 60 ECTS credits) and a Master's exam (2 ECTS credits) form a centra component of the education of Master's students.

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This mono study program offers an in-depth subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Languages of Instruction

#### Career Prospects:

Geography graduates have promising employment opportunities thanks to their comprehensive education and are particularly sought-after where teamwork and interdisciplinary cooperation are required. Possible employment for graduates include positions in planning, architectural or engineering firms, industrial companies and in the private service industry as well as in non-profit organizations, in public administration and in the educational system. The Master's degree in Geography with a specialization in physical geography o up opportunities at research institutes and enhances students' skills for positions in spatial planning, surveying and environmental protection.

#### Further Study Options:

Der Abschluss des Masterstudiums berechtigt zum Weiterstudium auf der Doktoratsstufe. Die Fakultät kann den Zugang zur Doktoratsstufe an weitere Bedingungen knüpfen. Einzelheiten sind in der Promotionsordnung festgelegt.

### Requirements:

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A General Education module and excursions are compulsory. Minimum five restricted-optional modules (30 ECTS credits) from a defined list of modules must be chosen, of which three must focus on Physical Geography (18 ECTS credits). A Master's research project in Physical Geography, (30 or 60 ECT credits) and a Master's exam (2 ECTS credits) form a central component of the educa of Master's students.

The general education module "Geography.Matters.", the Master's thesis in Geography (30 or 60 ECTS credits) and the Master's exam (2 ECTS credits) a compulsory in this study program. Furthermore, core elective modules and elective modules are selected according to the chosen emphasis. Further information can be accessed on the website of the Department of Geography.



Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Mathematics

### Description:

#### General description:

The major study program in Mathematics (150 ECTS credits) provides a solid fundamental understanding of the core areas of mathematics and the capability to think methodically and scientifically. The program begins with lectures in analysis and linear algebra as well as introductions to programming and logic and set theory. From the third semester onwards, lectures from all central areas of mathematics have to be taken; these can be increasingly freely chosen from a wide choice of optional subjects. Students are trained in giving presentations on mathematical themes in at least two seminars.

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The study of Mathematics at UZH offers a broad education in the foundations of Mathematics. The program fosters students ability independently to think inter-connectedly and scientifically. Students take on personal responsibility for their work process, the composition of their studies and for their future careers. In the face of challenges involved with their studies, students can distinguish themselves by demonstrating a high degree of creativity, flexibility, motivation and collegiality.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

An increasing number of fields (engineering sciences, economics, medicine, etc.) in our world are being "infiltrated" by mathematics and its applications. Which is why the career opportunities for mathematicians are very good and extremely varied. The skills trained and knowledge acquired during your studies lead to a broad spectrum of possibilities. Mathematicians are needed, for example, in:

- innovative high-tech companies
- companies with a natural sciences or engineering profile
- software firms or software departments of larger companies
- insurance companies and banks
- the teaching profession.

Well-trained mathematicians are inestimably important, not least because they ensure the upcoming generation of scientists in information technology as well as engineering and natural sciences.

#### Further Study Options:

The Bachelor degree can be followed by master's studies. The Bachelor degree should not be understood so much as a professional qualification; there has as yet been no specific demand for a Bachelor in Mathematics on the part of business. Rather it is seen as a bridge to Master studies or acts a mobility hinge to begin a Masters academic program at a different university or in different subject areas.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure:

The program begins with lectures in analysis and linear algebra as well as introductions to programming and logic and set theory. From the third semester onwards, lectures from all central areas of Mathematics have to be taken; these can be increasingly freely chosen from a wide choice of optional subjects. Students are trained in giving presentations on mathematical themes in at least two seminars.

Major/Minor-Combinations:

A study program in Mathematics 180 is a single major study program. A major study program Mathematics 120 can be combined with a minor study program 60. A major study program in Mathematics 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies:

Part-time studies are possible on account of the modular structure of the course. The duration of study is accordingly longer. A concrete individual model for part-time studies must be discussed in advance with the relevant academic advisor.

Organization:

Faculty of Science

Academic Advisor:

Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor:

Reinhard Furrer

Coordination:

Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biochemistry

### Description:

#### General description:

A Master's minor study program in Biochemistry (30 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. It imparts advanced training in biochemistry, molecular biology and biophysics as well as practical skills in fundamental techniques of biochemistry.

:

Graduates from a Master's minor study program in Biochemistry are able to

- plausibly and, if possible, quantitatively explain biochemical processes using their theoretical knowledge
- conduct experiments in a technically and conceptually correct manner while under supervision

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Master's minor study program in Biochemistry (30 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. It imparts advanced training in biochemistry, molecular biology and biophysics as well as practical skills in fundamental techniques of biochemistry.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

### Part of:



**Universität  
Zürich<sup>UZH</sup>**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biology

### Description:

#### General description:

A Master's minor study program in Biology (30 ECTS credits) builds on the knowledge in Biology obtained at the Bachelor level. It conveys advanced knowledge in some research areas of Biology and improves the capability to think and work in a methodical and scientific way.

:

Graduates with a consecutive Master's minor study program in Biology (30 E credits) are able to

1. apply their broad understanding of current research in Biology, as well as in other foundational sciences such as Mathematics, Physics, Chemistry and Biochemistry, to answer biological questions.
2. recognize, describe and explain concepts and phenomena in Biology.
3. find, summarize and critically evaluate information from the primary and secondary literature.
4. formulate hypotheses and to propose experiments to test these hypotheses.
5. conduct experiments under supervision and in doing so apply lab and field techniques in a safe and efficient manner.

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### Requirements:

#### Further Study Options:

A Master's minor study program in Biology (30 ECTS credits) either builds the respective program completed at the Bachelor's level (as consecutive minor) or it corresponds to the Bachelor's minor study program for 30 ECTS Credit (as new minor).

### Organization:

Program Structure: A Master's minor study program in Biology (30 ECTS credits) either builds the respective program completed at the Bachelor's level (as consecutive minor) or it corresponds to the Bachelor's minor study program for 30 ECTS Credit (as new minor). A Master's minor study program in Biology (30 ECTS credits) builds on the knowledge in Biology obtained at the Bachelor's level. It conveys advanced knowledge in some research areas of Biology and improves the capability to think and work in a methodical and scientific way.

Organization: Faculty of Science

Academic Advisor: PD Dr. Karin Isler, [karin.isler@biol.uzh.ch](mailto:karin.isler@biol.uzh.ch)

Responsible Instructor: Konrad Basler

Coordination: Karin Isler

**Part of:**



**Universität  
Zürich<sup>UZH</sup>**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Chemistry

### Description:

#### General description:

A Master's minor study program in Chemistry (30 ECTS credits) either build the respective program completed at the Bachelor's level (as consecutive minor or it corresponds to the Bachelor's minor study program for 30 ECTS credit new minor). Depending on the individual background of the student, the Master's minor study program deepens the already acquired knowledge of the student in selected, specialist areas of research in Chemistry or it provides the student with a general education in Chemistry and basic laboratory skills.

:

Graduates from a Master's minor study program in Chemistry have acquired a foundational education in the theory and praxis of Chemistry and have learned to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Master's minor study program in Chemistry (30 ECTS credits) either build the respective program completed at the Bachelor level (as consecutive minor) or it corresponds to the Bachelor's minor study program for 30 ECTS Credit (as new minor). Depending on the individual background of the student, the Master's minor study program deepens the already acquired knowledge of the student in selected, specialist areas of research in chemistry or it provides the student with a general education in Chemistry and basic laboratory skills.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber



**Universität  
Zürich**<sup>UZH</sup>

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Earth System Science

### Description:

#### General description:

The Master's minor study program in Earth System Science (30 ECTS credits) part of the most comprehensive Earth Science program in Switzerland. It is offered by the Faculty of Science (MNF) of the University of Zurich (UZH) in collaboration with the Department of Earth Sciences (D-ERDW) of the Swiss Federal Institute of Technology (ETHZ). Program structure without Bachelor's minor study program: Fundamentals in Earth System Science, with focus on the lithosphere. Program structure with Bachelor's minor study program: The Master's minor study program Earth System Science forms a continuation of successfully completed Bachelor's minor study program Earth System Science further deepens that knowledge. The minor further elaborates on the scientific principles and enables the student to focus on one or a few domains within Earth System Science. The total workload of 30 ECTS credits can be extended based on the individual interest in one of the Earth spheres.

:

Within the minor study program in Earth System Science 30 students study analyze current issues using an interdisciplinary approach. The program combines scientific fundamentals with advanced modules in Earth System Science.

In teaching, in-depth knowledge from current research projects is presented and students are encouraged to critically examine socially relevant topics.

Practical experience in measurement techniques, experimental methods and application-oriented data analysis complement the study program.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: A Master's minor study program (30 ECTS credits) builds either on a Bachelor's minor study program 30 or 60 ECTS credits, or corresponds to the Bachelor's minor study program 30 ECTS credits. Within the Master's minor study program building on the Bachelor's minor study program 30 ECTS credits the conditions for a Bachelor's minor study program 60 ECTS credits need to be fulfilled. Further information can be accessed on the website of the Department of Geography.

Organization: Faculty of Science

Academic Advisor: [student-advice@geo.uzh.ch](mailto:student-advice@geo.uzh.ch)

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Master of Science Faculty of Science (120) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Geography

### Description:

#### General description:

A Master's minor study program in Geography (30 ECTS credits) builds either a Bachelor's minor study program in Geography 30 or 60 ECTS credits, or corresponds to the Bachelor's minor study program 30 ECTS credits. Within Master's minor study program building on the Bachelor's minor study program 30 ECTS credits the conditions for a Bachelor's minor study program 60 ECTS credits will be fulfilled. Within the Master's minor study program building on the Bachelor's minor study program 60 ECTS credits individual interests can be followed.

:  
Within the minor study program in Geography 30 students study different approaches to the interdisciplinary analysis of current issues. In teaching, well-founded knowledge from current research projects is conveyed in order to critically examine socially relevant topics. With a view to the further educational path of the students, their intellectual abilities and networked thinking are fostered.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Master's minor study program in Geography (30 ECTS credits) builds either a Bachelor's minor study program in Geography 30 or 60 ECTS credits, or corresponds to the Bachelor's minor study program 30 ECTS credits. Within Master's minor study program building on the Bachelor's minor study program 30 ECTS credits the conditions for a Bachelor's minor study program 60 ECTS credits need to be fulfilled. Within the Master's minor study program building on the Bachelor's minor study program 60 ECTS credits individual interests can be followed. Further information can be accessed on the website of the Department of Geography.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch



**Universität  
Zürich<sup>UZH</sup>**

Responsible Instructor: Norman Backhaus

Coordination: Philippe Meuret

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Mathematics

### Description:

#### General description:

The Master's minor study program in Mathematics (30 ECTS credits) builds on corresponding Bachelor's minor study program in Mathematics or it corresponds to the Bachelor's minor study program for 30 ECTS credits (as new minor).

Master's minor study program in Mathematics students need to gain 30 ECTS credits. It is individually compiled according to the academic background.

:

Graduates from all a minor study program, 30 ECTS in Mathematics should...

- understand and be able to apply foundational concepts in Mathematics.
- possess solid foundational knowledge in Linear Algebra and Analysis.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The Master's minor study program in Mathematics (30 ECTS credits) builds on corresponding Bachelor's minor study program in Mathematics or it corresponds to the Bachelor's minor study program for 30 ECTS credits (as new minor). Master's minor study program in Mathematics students need to gain 30 ECTS credits. It is individually compiled according to the academic background.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

### Part of:

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Physics

### Description:

#### General description:

A Master's minor study program in Physics (30 ECTS credits) usually builds Bachelor's minor study program in. It extends the education in the Natural Sciences acquired at the Bachelor level and conveys in-depth knowledge in some research areas and the capability to think and work in a methodical and scientific way. For a Master's minor subject program in Physics students need to gain 30 ECTS credits. Depending on individual interests certain specialized areas can be pursued in depth.

:

Graduates with a Master's minor study program in Physics are able

- to collect data from experiments, describe, analyse and explain physical observations and compare these to theoretical models,
- to explain foundational concepts in Physics and describe general theoretical models.

Main Language of Instruction: English

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Master's minor study program in Physics (30 ECTS credits) usually builds Bachelor's minor study program. It extends the education in the Natural Sciences acquired at the Bachelor level and conveys in-depth knowledge in some research areas and the capability to think and work in a methodical and scientific way. For a Master's minor study program in Physics students need gain 30 ECTS credits. Depending on individual interests certain specialized areas can be pursued in depth.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmuller@physik.uzh.ch](mailto:kmuller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter



**Universität  
Zürich**<sup>UZH</sup>

Coordination: Anna Katharina Troller

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Bioinformatics

### Description:

#### General description:

A Master's minor study program in Bioinformatics (30 ECTS credits) consist compulsory modules in Bioinformatics, core electives in basics of Biology or Informatics, Statistics and Bioinformatics, and electives. Students learn how to acquire and analyze biological data sets to give answers to biological problems.

:

Graduates from the minor study program in Bioinformatics (30 ECTS credits) are able to

- write computer programs of moderate complexity in a higher programming language, and use these programs to analyze biological data.
- implement a biological question in such a program and answer it by analyzing biological data.
- explain fundamental terms in Bioinformatics and understand important algorithms for data analysis in Bioinformatics.
- collect relevant information from the literature on a topic in Bioinformatics and communicate it - in writing as well as orally - using the proper vernacular.
- acquire and integrate various data sets from internet-based databanks.

Main Language of Instruction: English

### Requirements:

:

The minor study program Bioinformatics (30 ECTS Credits) is offered as part of a Bachelor or Master degree program. The general admission requirements according to the regulations of UZH apply.

The study program in Bioinformatics covers the same content, regardless of whether it is taken as part of a Bachelor's or Master's degree progra Therefore, it can only be taken once, and does not make specific admission requirements if studied on Master's level.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program in Bioinformatics (30 ECTS credits) consists of compulsory modules in Bioinformatics, core electives in basics of Biology or Informatics, Statistics and Bioinformatics, and electives. Students learn how to acquire and analyze biological data sets to give answers to biological problems.

Organization: Faculty of Science

Academic Advisor: PD Dr. Karin Isler, studienkoordination@biol.uzh.ch

Responsible Instructor: Andreas Wagner

Coordination:



**Universität  
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**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Neuroinformatics

### Description:

#### General description:

A Master's minor study program in Neuroinformatics (30 ECTS credits) offer students an in-depth introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose among several courses taught by the Institute of Neuroinformatics and other relevant institutes, and to perform research projects in the fields of neurobiology or neuromorphic engineering.

:  
Graduates from the minor study program in Neuroinformatics (30 ECTS credits) are able to

- write computer programs of moderate complexity in a higher programming language, and use these programs to analyze neurobiological data.
- implement a neurobiological question in such a program and answer it by analyzing neurological data.
- explain fundamental terms in Neuroinformatics and understand important algorithms for data analysis in Neuroinformatics.
- collect relevant information from the literature on a topic in Neuroinformatics and communicate it - in writing as well as orally - using the proper vernacular.
- acquire and integrate various data sets from internet-based databanks.
- understand and apply the concepts and terms of "Neuromorphic Engineerings"

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Master's minor study program in Neuroinformatics (30 ECTS credits) offer students an in-depth introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose among several courses taught by the Institute of Neuroinformatics and other relevant institutes, and to perform research projects in the fields of neurobiology or neuromorphic engineering.





Organization: Faculty of Science

Academic Advisor: PD Dr. Daniel Kiper, [danielch.kiper@lifescience.uzh.ch](mailto:danielch.kiper@lifescience.uzh.ch)

Responsible Instructor: Richard Hahnloser

Coordination: Daniel Ch. Kiper

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Applied Probability and Statistics

### Description:

#### General description:

A Master's minor study program in Applied Probability and Statistics (30 E credits) is either a continuation of a successfully completed Bachelor's study program in Applied Probability and Statistics or it corresponds to the Bachelor's minor study program for 30 ECTS credits (as new minor).

:  
A minor study program in Applied Probability and Statistics provides students with an enhanced background in probability and statistics and a practical training in many fundamental and modern methods of applied probability and statistics. Classes are interactive and the methodology is illustrated using the free programming language R. Graduates of the minor study program are able to

- understand and interpret statistical analyses
- plan, conduct and convey their own experiments and analyses.
- to recognize a situation where their own skills are not sufficient anymore and the help of an external expert is necessary

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The minor Master's study program in Applied Probability and Statistics req basic knowledge in analysis and probability/statistics corresponding to the contents of the modules 'MAT182 Analysis für die Naturwissenschaften' 'MAT183 Stochastik für die Naturwissenschaften' or equivalent.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Applied Probability and Statistics includes in total compulsory modules for 20 ECTS credits. Those are supplemented with elective modules for 10 ECTS credits. Elective modules can be chosen from all modules containing quantitative, program relevant subjects conditional on the approval of the program coordinator. It is recommended to establish a study plan with the program coordinator.

Major/Minor-Combinations: A Master's minor study program in Applied Probability and Statistics can n combined with a major study program in Mathematics or Biostatistics.

Organization: Faculty of Science

Academic Advisor: Prof. Reinhard Furrer, reinhard.furrer@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination:



**Universität  
Zürich<sup>UZH</sup>**

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Astronomy and Astrobiology

### Description:

#### General description:

This Master's minor study program in Astronomy and Astrobiology (30 ECTS credits) provides students with a broad education on the fascinating topics of our universe and the life it contains. Astrobiology is the interdisciplinary study of the origin and nature of life on earth and possible life 'out there'.

This minor program has no pre-requisites and is open to any student of the University. Students take the introductory core courses in Astronomy/Astrophysics and Astrobiology. The remaining ECTS credits can be obtained from a wide selection of lecture courses and practicums from biology, chemistry, geophysics and astronomy.

:

Graduates from the Master's minor study program in Astronomy and Astrobiology have gained insight into the formation of planets, stars and life, as well as the evolution of the universe. In addition, they have received an introduction to biological processes, Geoscience or Physical Geography, depending on their selected concentration. In completing this minor study program, students majoring at other faculties will have gained insight into the diversity and methods of the Natural Sciences

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

Responsible Instructor: Benjamin Moore

Coordination:

### Part of:





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Crystallography

### Description:

#### General description:

A Master's minor study program in Crystallography (30 ECTS credits) is offered by the Department of Chemistry in collaboration with the ETH Zurich. It builds up from the basic theory of diffraction and the fundamentals of crystallography and structure determination. Students gain knowledge and competence in various techniques such as single crystal small-molecule structure determination, macromolecular structure determination and powder diffraction. It demonstrates the theory, methodology and practice of crystallography and its importance to the various scientific disciplines, and provides the opportunity to learn about advanced topics in current research. Program structure: The study program includes compulsory modules in chemical crystallography, solid state chemistry, and protein crystallography. The remaining ECTS credits must be earned from the core elective and elective modules of the UZH and the ETH.

:

Students are able to...

1. understand and describe the fundamental principles of diffraction and of the internal organization of crystalline materials.
2. select the suitable analysis methods for a question on structure.
3. solve problems in relation to the structure determination of single crystals.
4. estimate and evaluate the properties of materials based on their underlying structure.
5. apply their knowledge of molecular design and synthesis.
6. understand and critically evaluate the literature on crystal structures and on examining other solid state structures.
7. use crystallographic databases for answering question on structure.
8. plan experiments on large research facilities such as synchrotrons and neutron sources.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The study program includes compulsory modules in chemical crystallography, solid state chemistry, and protein crystallography. The remaining ECTS credits must be earned from the core elective and elective modules of the UZH and the ETH.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Bernhard Spingler  
spingler@chem.uzh.ch

Responsible Instructor: Bernhard Spingler

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (120) (2021)







Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The first two years of the study program mainly consist of compulsory modules in Geography, Earth Sciences and Mathematics. The third year of the study program comprises a Bachelor's thesis as well as elective modules that all initial specializations within the thematic areas (see above). The program is supplemented with further consolidation and elective modules in Geography and related disciplines. Within the elective area, individual thematic focuses can be set.

Major/Minor-Combinations: A study program in Geography 180 at Bachelor's level is a single major stu program. A major study program in Geography 120 at Bachelor's level can be combined with a minor study program 60. A major study program in Geography 150 at Bachelor's level can be combined with a minor study program 30. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich. Possible minor study programs at ETH Zurich are listed on the website of the Department of Geography. A minor study program starts in the second year of study.

Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Mathematics

### Description:

#### General description:

The major study program in Mathematics (120 ECTS credits) provides a solid fundamental understanding of the core areas of mathematics and the capability to think methodically and scientifically. The program begins with lectures in analysis and linear algebra as well as introductions to programming and logic and set theory. From the third semester onwards, lectures from all central areas of mathematics have to be taken; these can be increasingly freely chosen from a wide choice of optional subjects. Students are trained in giving presentations on mathematical themes in at least two seminars.

:

The study of Mathematics at UZH offers a broad education in the foundations of Mathematics. The program fosters students ability independently to think inter-connectedly and scientifically. Students take on personal responsibility for their work process, the composition of their studies and for their future careers. In the face of challenges involved with their studies, students can distinguish themselves by demonstrating a high degree of creativity, flexibility, motivation and collegiality.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

An increasing number of fields (engineering sciences, economics, medicine, etc.) in our world are being "infiltrated" by mathematics and its applications. Which is why the career opportunities for mathematicians are very good and extremely varied. The skills trained and knowledge acquired during your studies lead to a broad spectrum of possibilities. Mathematicians are needed, for example, in:

- innovative high-tech companies
- companies with a natural sciences or engineering profile
- software firms or software departments of larger companies
- insurance companies and banks
- the teaching profession.

Well-trained mathematicians are inestimably important, not least because they ensure the upcoming generation of scientists in information technology as well as engineering and natural sciences.

#### Further Study Options:

The Bachelor degree can be followed by master's studies. The Bachelor degree should not be understood so much as a professional qualification; there has as yet been no specific demand for a Bachelor in Mathematics on the part of business. Rather it is seen as a bridge to Master studies or acts a mobility hinge to begin a Masters academic program at a different university or in different subject areas.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure:

The program begins with lectures in analysis and linear algebra as well as introductions to programming and logic and set theory. From the third semester onwards, lectures from all central areas of Mathematics have to be taken; these can be increasingly freely chosen from a wide choice of optional subjects. Students are trained in giving presentations on mathematical themes in at least two seminars.

Major/Minor-Combinations:

A study program in Mathematics 180 is a single major study program. A major study program Mathematics 120 can be combined with a minor study program 60. A major study program in Mathematics 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies:

Part-time studies are possible on account of the modular structure of the course. The duration of study is accordingly longer. A concrete individual model for part-time studies must be discussed in advance with the relevant academic advisor.

Organization:

Faculty of Science

Academic Advisor:

Prof. Dr. Stefan Sauter, [stas@math.uzh.ch](mailto:stas@math.uzh.ch) Maja Schärer, [studium@math.uzh.ch](mailto:studium@math.uzh.ch)

Responsible Instructor:

Reinhard Furrer

Coordination:

Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Physics

### Description:

#### General description:

The major study program in Physics (120 ECTS credits) provides a solid understanding of physics. Students are familiar with measurement techniques, data analysis and theoretical modeling and are competent in presenting scientific results. Course components: basic courses on mathematics and physics are followed by a theoretical cycle (mechanics, electrodynamics, mathematical methods of physics). An additional advanced module in experimental physics or theoretical physics provides deeper insights into one subfield of physics. Students gain practical experience through courses on computer science and data analysis as well as seminars and the Bachelor's research project. This deg program allows for the solid study of another field of research within the context of a 60 ECTS credits minor study program.

:

The study of physics at UZH offers students a broad foundational education in experimental and theoretical Physics, which includes practical experience in measurement techniques and experimental methods as well as knowledge of Mathematics and applied Informatics

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Further Study Options:

The bachelor's degree entitles the bearer to take a post-graduate course in the relevant field of study with no further conditions. If a student changes his or her field of study the Faculty may demand proof of additional skills not acquired in the Bachelor's degree before admitting them to a Masters course. The same applies for admission to specialized Masters courses.

In any case, even if the Master's degree is in the same field of studies, the Faculty can make admission to the Master's degree course dependent on the fulfilment of certain conditions. These conditions can also be fulfilled during the Master's degree course. Details are set out in the general conditions and/or conditions of study.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: Basic courses on Mathematics and Physics are followed by a theoretical cycle (Mechanics, Electrodynamics, Mathematical Methods of Physics). An additional advanced module in Experimental Physics or Theoretical Physics provides deeper insights into one Subfield of Physics. Students gain practical experience through courses on Computer Science and Data Analysis as well as seminars and the Bachelor's research project. This degree program allows for the solid study of another field of research within the context of a 60 ECTS credit minor program.



Major/Minor-Combinations: A study program in Physics 180 is a single major study program. A major study program Physics 120 can be combined with a minor study program 60. A major study program in Physics 150 can be combined with a minor study program 30. A minor study program starts in the second year of study. Minor study programs can be chosen from the entire range of subjects offered by the University of Zurich.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study can be prolonged with no problems. Concrete models for part-time studies can be found on the website <http://www.physikstudium.uzh.ch>.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmueller@physik.uzh.ch](mailto:kmueller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biochemistry

### Description:

#### General description:

A minor study program in Biochemistry (60 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. It imparts advanced training in biochemistry, molecular biology and biophysics as well as practical skills in fundamental techniques of biochemistry.

:

Graduates from the Bachelor's minor study program in Biochemistry are able to

- plausibly and, if possible, quantitatively explain biochemical processes using their theoretical knowledge
- conduct experiments in a technically and conceptually correct manner while under supervision.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biochemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Biochemistry (60 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. It imparts advanced training in biochemistry, molecular biology and biophysics as well as practical skills in fundamental techniques of biochemistry.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biology

### Description:

#### General description:

A minor study program in Biology (60 ECTS credits) provides students with knowledge in several research areas of Biology and the ability to understand and tackle the most important biological questions.

:

Graduates from the minor study program in Biology (60 ECTS credits) are able to

- use their understanding of current research in Biology as well as their fundamental knowledge of a selection of foundational subjects such as Mathematics, Physics, Chemistry and Biochemistry to understand and answer questions in Biology.
- recognize, describe and explain the most important biological concepts and phenomena.
- find, summarize and critically evaluate information from the primary and secondary literature.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Biology (60 ECTS credits) provides students with knowledge in several research areas of Biology and the ability to understand and tackle the most important biological questions.

Organization: Faculty of Science

Academic Advisor: Studienberaterin, Studienkordinatorin und Mobilitätsverantwortliche: PD Dr. Karin Isler

studienkoordination@biol.uzh.ch

Responsible Instructor: Konrad Basler

Coordination: Karin Isler

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biomedicine

### Description:

#### General description:

A minor study program in Biomedicine (60 ECTS credits) teaches the relevant basic principles in chemistry, physics, biology and biochemistry as well as the anatomy, physiology and diseases of the human body.

:

Graduates from the minor study program (60 ECTS credits) in Biomedicine are able to

- apply their foundational knowledge of fundamental subjects such as Physics, Chemistry, Biochemistry, Biology, Anatomy and Physiology to address biomedical questions.
- recognize, describe and explain important biomedical concepts and phenomena.
- find, summarize and critically evaluate information using the primary and secondary literature.
- effectively communicate scientific hypotheses and results in written and oral form.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biochemistry, Biology, Biomedical sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The Minor Study Program in Biomedicine (60 ECTS credits) teaches in the basic studies the relevant principles in chemistry, physics and biochemistry, in genetics and cell biology as well as anatomy and physiology of the human body. In the advanced studies, the molecular and cellular reasons, processes and treatments of important human diseases were taught. There are no practical courses and research projects in the Minor Study Program.

Major/Minor-Combinations: The Minor Study Program Biomedicine (60 ECTS) can be combined with all Major Study Programs of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Dr. Sabine Jacob, biomedizin@physiol.uzh.ch

Responsible Instructor: Lubor Borsig

Coordination: Sabine Jacob Sempach



**Universität  
Zürich<sup>UZH</sup>**

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Chemistry

### Description:

#### General description:

A minor study program in Chemistry (60 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. Students gain knowledge in the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) through lectures and laboratory courses and learn methodical scientific thinking. They are capable of understanding and tackling the most important chemical questions.

:

Graduates from a minor study program Chemistry have acquired a foundational education in the theory and praxis of Chemistry and have learned to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

:

In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Chemistry (60 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. Students gain knowledge in the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) through lectures and laboratory courses and learn methodical scientific thinking. They are capable of understanding and tackling the most important chemical questions.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Earth System Science

### **Description:**

#### General description:

The minor study program in Earth System Science (60 ECTS credits) provides a general education in natural sciences with a focus on Earth System Science, as well as the competence to work and think in a methodological-scientific way.

Students of the Bachelor's minor study program in Earth System Science benefit from the collaboration of the University of Zurich (UZH) and the Swiss Federal Institute of Technology (ETHZ) and will attend courses at both institutions.

:

Within the minor study program in Earth System Science 60 students study different approaches to the interdisciplinary analysis of current issues. The program combines scientific fundamentals with advanced modules in Earth System Science. In teaching, well-founded knowledge from current research projects is imparted and students are encouraged to critically examine socially relevant topics. Practical experience in measurement techniques, experimental methods and application-oriented data analysis complement the study program.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Earth Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**

Program Structure: For a minor study program in Earth System Science 60 introductory modules are attended in various fields such as Earth System Science, Geology, Mathematics, Physical Geography, Remote Sensing and Geographical Information Science. Subsequently, the interdisciplinary knowledge is expanded with modules in Earth System Science, Geography, Environmental Sciences and Biology. These modules foster the knowledge within the thematic subject areas of Earth System Science: The Geo-Biosphere System, the Hydro-Atmosphere System and the Human-Environment System.

Due to the fact that some modules are part of both study programs, there are some differences in the study structure for students with the major in Geography (details on the website of the Department of Geography).

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus



**Universität  
Zürich<sup>UZH</sup>**

Coordination: Yvonne Scheidegger

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Geography

### Description:

#### General description:

A minor study program in Geography (60 ECTS credits) provides a general education in geo sciences and builds the capability to think and work in a systematic and scientific way. A minor study program in Geography covers two of the three thematic subject areas of geography (Physical Geography, Human Geography and Geographic Information Science and Remote Sensing). Depending on the chosen thematic subject area and the previous knowledge the compulsory and core elective modules differ.

:

Within the minor study program in Geography 60 students study different approaches to the analysis of current issues in the natural, social and computer sciences. Students strengthen their skills in two of the three thematic subject areas (Physical Geography, Human Geography, Remote Sensing and Geographical Information Science). In teaching, in-depth knowledge from current research projects is presented in order to critically examine socially relevant topics. Students' intellectual abilities and networked thinking are encouraged to prepare them for their future educational path.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: For a minor study program in Geography 60 introductory modules in Physical Geography, Human Geography, Remote Sensing and GIScience are completed as well as a module in Stochastics for Natural Sciences. Subsequently, two thematic subject areas are chosen and each of them is explored in greater depth in three further core elective modules. The remaining ECTS credits can be chosen from the entire range of courses offered in the major study program in Geography.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

### Part of:







## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Mathematics

### Description:

#### General description:

The minor study program in Mathematics (60 ECTS credits) provides a solid fundamental understanding of the core areas of Mathematics and the capability to think and work in a methodical and scientific way. The program contains compulsory modules in the fundamental topics of Mathematics, which are not yet covered by the major study program. Moreover, elective modules at an advanced level have to be taken.

:

Graduates from a minor study program, 60 ECTS credits, in Mathematics should...

- understand and be able to apply foundational concepts in Mathematics.
- possess solid foundational knowledge in Linear Algebra and Analysis plus at least one more subject area, which is determined by a student's choice of core elective module.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

An increasing number of fields (engineering sciences, economics, medicine, etc.) in our world are being "infiltrated" by mathematics and its applications. Which is why the career opportunities for mathematicians are very good and extremely varied. The skills trained and knowledge acquired during your studies lead to a broad spectrum of possibilities. Mathematicians are needed, for example, in:

- innovative high-tech companies
- companies with a natural sciences or engineering profile
- software firms or software departments of larger companies
- insurance companies and banks
- the teaching profession. Well-trained mathematicians are inestimably important, not least because they ensure the upcoming generation of scientists in information technology as well as engineering and natural sciences.

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The program contains compulsory modules in the fundamental topics of Mathematics, which are not yet covered by the major study program. Moreover, elective modules at an advanced level have to be taken.



Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study is accordingly longer. A concrete individual model for part-time studies must be discussed in advance with the relevant academic advisor.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, [stas@math.uzh.ch](mailto:stas@math.uzh.ch) Maja Schärer, [studium@math.uzh.ch](mailto:studium@math.uzh.ch)

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Physics

### Description:

#### General description:

A minor study program in Physics (60 ECTS credits) provides a solid introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics are followed by either a theoretical cycle or additional advanced modules in Experimental Physics containing practical parts.

:

Graduates with a minor study program in Physics are able

- to collect data from experiments, describe, analyze and explain physical observations and compare these to theoretical models,
- to explain foundational concepts in Physics and describe general theoretical models.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Physics (60 ECTS credits) provides a solid introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics are followed by either a theoretical cycle or additional advanced modules in Experimental Physics containing practical parts.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmueller@physik.uzh.ch](mailto:kmueller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Applied Probability and Statistics

### Description:

#### General description:

A minor study program in Applied Probability and Statistics (60 ECTS credits) provides students with a solid background and a practical, basic training in many relevant and modern methods of applied probability and statistics. The program allows students to gain experience in the independent handling and presentation of small projects.

:

A minor study program in Applied Probability and Statistics provides students with an enhanced background in probability and statistics and a practical training in many fundamental and modern methods of applied probability and statistics. Classes are interactive and the methodology is illustrated using the free programming language R. Graduates of the minor study program are able to

- understand and interpret statistical analyses
- plan, conduct and convey their own experiments and analyses.
- to recognize a situation where their own skills are not sufficient anymore and the help of an external expert is necessary Participants learn to find relevant information on a statistical topic in the primary literature, and communicate it in written and oral form using the proper terminology. Additionally, they gain experience in independently conducting a project.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

The minor study program in Applied Probability and Statistics is especially suitable as a preparation for the specialized master study programs in «Biostatistics» and «Quantitative Finance».

### Requirements:

#### Further Study Options:

The minor study program in Applied Probability and Statistics requires basic knowledge in analysis and probability/statistics corresponding to the contents of the modules 'MAT182 Analysis für die Naturwissenschaften' and '&apo Stochastik für die Naturwissenschaften' or equivalent.

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Applied Probability and Statistics includes in total compulsory modules for 30 ECTS credits and core elective modules for at least 3 ECTS credits. Those are supplemented with elective modules for 10 ECTS credits. Elective modules can be chosen from all modules containing quantitative, program relevant subjects conditional on the approval of the program coordinator. It is recommended to establish a study plan with the program coordinator.



Major/Minor-Combinations: A minor study program Applied Probability and Statistics can not be combined with a major study program in Mathematics.

Organization:

Academic Advisor: Prof. Reinhard Furrer, reinhard.furrer@math.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Computational Science

### Description:

#### General description:

The minor study program in Computational Science (60 ECTS credits) targets students who want to get introduced to the world of simulations and big data.

Students can make up their own transdisciplinary paths, choosing among specializations ranging from data analysis for natural sciences or scientific simulations over bioinformatics to neuroinformatics.

:  
Graduates from the minor study program in Computational Science (60 ECTS credits) are able to write computer programs of moderate complexity in a higher programming language, and use these programs, for instance, to analyze biological data sets AND to simulate models in the Natural Sciences. Therefore, the minor in Computational Science is designed as a transdisciplinary program. In addition to covering fundamental topics in Applied Mathematics, Statistics and Informatics, students will be given insight into various important fields of application for scientific computing. They may select two field of application from the following list:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Informatics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: In the minor study program Computational Science two of the following scopes have to be chosen:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics

Organization: Faculty of Science



**Universität  
Zürich<sup>UZH</sup>**

Academic Advisor: stadel@physik.uzh.ch,

douglas.potter@uzh.ch

Responsible Instructor: Joachim Gerhard Stadel

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biochemistry

### Description:

#### General description:

A minor study program in Biochemistry (30 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. For students of biology it imparts advanced training in biochemistry and biophysics as well as practical skills in fundamental techniques of biochemistry. For students in chemistry, it imparts advanced training in molecular biology, biochemistry, and biophysics as well as practical skills in fundamental techniques of biochemistry.

:

Graduates from the Bachelor's minor study program in Biochemistry are able to

- plausibly and, if possible, quantitatively explain biochemical processes using their theoretical knowledge
- conduct experiments in a technically and conceptually correct manner while under supervision.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Biochemistry (30 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. For students of biology it imparts advanced training in biochemistry and biophysics as well as practical skills in fundamental techniques of biochemistry. For students in chemistry, it imparts advanced training in molecular biology, biochemistry, and biophysics as well as practical skills in fundamental techniques of biochemistry.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

### Part of:

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biology

### Description:

#### General description:

A minor study program in Biology (30 ECTS credits) provides students with knowledge in some research areas of Biology, and the ability to understand and tackle some biological questions.

:

Graduates from the minor study program in Biology (30 ECTS credits) are able to

- use their understanding of current research in Biology as well as their fundamental knowledge of a selection of foundational subjects such as Mathematics, Physics, Chemistry and Biochemistry to understand questions in Biology.

- recognize, describe and explain particular biological concepts and phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Biology (30 ECTS credits) provides students with knowledge in some research areas of Biology, and the ability to understand and tackle some biological questions.

Organization: Faculty of Science

Academic Advisor: Studienberaterin, Studienkoordinatorin und Mobilitätsverantwortliche: PD Dr. Karin Isler

studienkoordination@biol.uzh.ch

Responsible Instructor: Konrad Basler

Coordination: Karin Isler

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biomedicine

### Description:

#### General description:

A minor study program in Biomedicine (30 ECTS credits) provides an introduction to the anatomy, physiology and diseases of the human body. Students of biology have an additional introduction of biochemistry and students of chemistry have an additional introduction of cell biology.

:

Graduates from the minor study program (30 ECTS credits) in Biomedicine are able to

- apply their foundational knowledge of fundamental subjects such as Physics, Chemistry, Biochemistry, Biology, Anatomy and Physiology to address biomedical questions.
- recognize, describe and explain certain important biomedical concepts and phenomena.
- find, summarize and critically evaluate information using the primary and secondary literature.
- effectively communicate scientific hypotheses and results in written and oral form.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Biomedicine (30 ECTS credits) provides an introduction to the anatomy, physiology and diseases of the human body. Students of biology have an additional introduction of biochemistry and students of chemistry have an additional introduction of cell biology.

Major/Minor-Combinations: A minor study program in Biomedicine 30 can be combined with a major study program in Biology or a major study program in Chemistry.

Organization: Faculty of Science

Academic Advisor: Dr. Sabine Jacob, biomedizin@physiol.uzh.ch

Responsible Instructor: Lubor Borsig

Coordination: Sabine Jacob Sempach

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Bioinformatics

### Description:

#### General description:

A minor study program in Bioinformatics (30 ECTS credits) consists of compulsory modules in Bioinformatics, core electives in basics of Biology or Informatics, Statistics and Bioinformatics, and electives. Students learn how to acquire and analyze biological data sets to give answers to biological problems.

:

Graduates from the minor study program in Bioinformatics (30 ECTS credits) are able to

- write computer programs of moderate complexity in a higher programming language, and use these programs to analyze biological data.
- implement a biological question in such a program and answer it by analyzing biological data.
- explain fundamental terms in Bioinformatics and understand important algorithms for data analysis in Bioinformatics.
- collect relevant information from the literature on a topic in Bioinformatics and communicate it - in writing as well as orally - using the proper vernacular.
- acquire and integrate various data sets from internet-based databanks.

Main Language of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Bioinformatics (30 ECTS credits) consists of compulsory modules in Bioinformatics, core electives in basics of Biology or Informatics, Statistics and Bioinformatics, and electives. Students learn how to acquire and analyze biological data sets to give answers to biological problems.



Major/Minor-Combinations: A minor study program in Bioinformatics is a minor study program 30.

In the minor study program in Computational Science 60 two of the following scopes have to be chosen:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics

Organization: Faculty of Science

Academic Advisor: PD Dr. Karin Isler, studienkoordination@biol.uzh.ch

Responsible Instructor: Andreas Wagner

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Chemistry

### Description:

#### General description:

A minor study program in Chemistry (30 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. According to their choice students gain deeper knowledge of one of the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) or basic knowledge of more than one of these disciplines. The minor degree program provides an introduction to methodical scientific thinking. Students are capable of understanding and tackling several chemical questions.

:

Graduates from a minor study program Chemistry have acquired a foundational education in the theory and praxis of Chemistry and have learned to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

:

In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Chemistry (30 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. According to their choice students gain deeper knowledge of one of the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) or basic knowledge of more than one of these disciplines. The minor study program provides an introduction to methodical scientific thinking. Students are capable of understanding and tackling several chemical questions.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Earth System Science

### **Description:**

#### General description:

The minor study program in Earth System Science (30 ECTS credits) provides a general education in natural sciences with a focus on Earth System Science, as well as the competence to work and think in a methodological-scientific way.

Students of the Bachelor's minor study program in Earth System Science benefit from the collaboration of the University of Zurich (UZH) and the Swiss Federal Institute of Technology (ETHZ) and will attend courses at both institutions.

:

Within the minor study program in Earth System Science 30 students study different approaches to the interdisciplinary analysis of current issues. The program combines scientific fundamentals with advanced modules in Earth System Science. In teaching, well-founded knowledge from current research projects is imparted and students are encouraged to critically examine socially relevant topics. Practical experience in measurement techniques, experimental methods and application-oriented data analysis complement the study program.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**

Program Structure: For a minor study program in Earth System Science 30 introductory modules are attended in various fields such as Earth System Science, Geology, Remote Sensing and Geographical Information Science. Subsequently, the interdisciplinary knowledge is expanded with modules in Earth System Science and Geography. These modules foster the knowledge within the thematic subject areas of Earth System Science: The Geo-Biosphere System, the Hydro-Atmosphere System and the Human-Environment System. Due to the fact that some modules are part of both study programs, there are some differences in the study structure for students with the major in Geography (details on the website of the Department of Geography).

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger





**Universität  
Zürich<sup>UZH</sup>**

**Part of:**

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Mathematics

### Description:

#### General description:

The minor study program in Mathematics (30 ECTS credits) provides a solid fundamental understanding of the core areas of Mathematics and the capability to think and work in a methodical and scientific way. The program contains compulsory modules in the fundamental topics of Mathematics, which are not yet covered by the major study program.

:

Graduates from a minor program, 30 ECTS, in Mathematics should...

- understand and be able to apply foundational concepts in Mathematics.
- possess solid foundational knowledge in Linear Algebra and Analysis.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The program contains compulsory modules in the fundamental topics of Mathematics, which are not yet covered by the major study program.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Physics

### Description:

#### General description:

A minor study program in Physics (30 ECTS credits) provides an introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics.

:

Graduates with a minor study program in Physics are able

- to collect data from experiments, describe, analyze and explain physical observations and compare these to theoretical models,
- to explain foundational concepts in Physics and describe general theoretical models.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor study program in Physics (30 ECTS credits) provides an introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmueller@physik.uzh.ch](mailto:kmueller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Applied Probability and Statistics

### Description:

#### General description:

A minor study program in Applied Probability and Statistics (30 ECTS credits) provides students with a solid background and a practical, basic training in many relevant and modern methods of applied probability and statistics.

:

A minor study program in Applied Probability and Statistics provides students with an enhanced background in probability and statistics and a practical training in many fundamental and modern methods of applied probability and statistics. Classes are interactive and the methodology is illustrated using the free programming language R. Graduates of the minor study program are able to

- understand and interpret statistical analyses
- plan, conduct and convey their own experiments and analyses.
- to recognize a situation where their own skills are not sufficient anymore and the help of an external expert is necessary

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

The minor study program in Applied Probability and Statistics is especially suitable as a preparation for the specialized master study programs in «Biostatistics» and «Quantitative Finance».

### Requirements:

#### Further Study Options:

The minor study program in Applied Probability and Statistics requires basic knowledge in analysis and probability/statistics corresponding to the contents of the modules 'MAT182 Analysis für die Naturwissenschaften' and '&apo; Stochastik für die Naturwissenschaften' or equivalent.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Applied Probability and Statistics includes in total compulsory modules for 20 ECTS credits. Those are supplemented with elective modules for 10 ECTS credits. Elective modules can be chosen from all modules containing quantitative, program relevant subjects conditional on the approval of the program coordinator. It is recommended to establish a study plan with the program coordinator. The modules of the minor study program are in general compatible with the major study programs of the Faculty of Science.



Major/Minor-Combinations: A minor study program in Applied Probability and Statistics can not be combined with a major study program in Mathematics.

Organization:

Academic Advisor: Prof. Reinhard Furrer, reinhard.furrer@math.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Neuroinformatics

### **Description:**

#### General description:

A minor study program in Neuroinformatics (30 ECTS credits) offers students an introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose, in addition to the courses and exercises offered by the Institute of Neuroinformatics, related courses, exercises, and semester works offered by other institutes and faculties.

:

Graduates from the minor study program in Neuroinformatics (30 ECTS credits) are able to

- write computer programs of moderate complexity in a higher programming language, and use these programs to analyze neurobiological data.
- implement a neurobiological question in such a program and answer it by analyzing neurological data.
- explain fundamental terms in Neuroinformatics and understand important algorithms for data analysis in Neuroinformatics.
- collect relevant information from the literature on a topic in Neuroinformatics and communicate it - in writing as well as orally - using the proper vernacular.
- acquire and integrate various data sets from internet-based databanks.
- understand and apply the concepts and terms of "Neuromorphic Engineerings"

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**

Program Structure: A Bachelor's minor degree program in Neuroinformatics (30 ECTS credits) of students an introduction into the research fields of Neuroinformatics and Systems Neuroscience. The students have the possibility to choose, in addition to the courses and exercises offered by the Institute of Neuroinformatics, related courses, exercises, and semester works offered by other institutes and faculties.



Major/Minor-Combinations: A minor study program in Neuroinformatics is a minor study program 30.

In the minor study program in Computational Science 60 two of the following scopes have to be chosen:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics

Organization: Faculty of Science

Academic Advisor: PD Dr. Daniel Kiper, [danielch.kiper@lifescience.uzh.ch](mailto:danielch.kiper@lifescience.uzh.ch)

Responsible Instructor: Richard Hahnloser

Coordination: Daniel Ch. Kiper

**Part of:**

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Astronomy and Astrobiology

### Description:

#### General description:

This minor study program in Astronomy and Astrobiology (30 ECTS credits) provides students with a broad education on the fascinating topics of our universe and the life it contains. Astrobiology is the interdisciplinary study of the origin and nature of life on earth and possible life 'out there'&apo minor study program has no pre-requisites and is open to any student of the University. Students take the introductory core courses in Astronomy/ Astrophysics and Astrobiology. The remaining ECTS credits can be obtained from a wide selection of lecture courses and practicums from biology, chemistry, geophysics and astronomy.

:  
Graduates from the minor study program in Astronomy and Astrobiology have gained insight into the formation of planets, stars and life, as well as the evolution of the universe. In addition, they have received an introduction to biological processes, Geoscience or Physical Geography, depending on their selected concentration. In completing this minor study program, students majoring at other faculties will have gained insight into the diversity and methods of the Natural Sciences.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: A minor study program in Astronomy and Astrobiology can be combined with a major study program of the UZH.

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

Responsible Instructor: Benjamin Moore

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Crystallography

### Description:

#### General description:

A minor study program in Crystallography (30 ECTS credits) is offered by the Department of Chemistry in collaboration with the ETH Zurich. It builds up from the basic theory of diffraction and the fundamentals of crystallography and structure determination. Students gain knowledge and competence in various techniques such as single crystal small-molecule structure determination, macromolecular structure determination and powder diffraction. It demonstrates the theory, methodology and practice of crystallography and its importance to the various scientific disciplines, and provides the opportunity to learn about advanced topics in current research. Program structure: The study program includes compulsory modules in chemical crystallography, solid state chemistry, and protein crystallography. The remaining ECTS credits must be earned from the core elective and elective modules of the UZH and the ETH.

:

Students are able to...

1. understand and describe the fundamental principles of diffraction and of the internal organization of crystalline materials.
2. select the suitable analysis methods for a question on structure.
3. solve problems in relation to the structure determination of single crystals.
4. estimate and evaluate the properties of materials based on their underlying structure.
5. apply their knowledge of molecular design and synthesis.
6. understand and critically evaluate the literature on crystal structures and on examining other solid state structures.
7. use crystallographic databases for answering question on structure.
8. plan experiments on large research facilities such as synchrotrons and neutron sources.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The study program includes compulsory modules in chemical crystallography, solid state chemistry, and protein crystallography. The remaining ECTS credits must be earned from the core elective and elective modules of the UZH and the ETH.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Bernhard Spingler  
spingler@chem.uzh.ch

Responsible Instructor: Bernhard Spingler



Coordination: Sabine Stockhause

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Applied Probability and Statistics

### Description:

#### General description:

A minor study program in Applied Probability and Statistics (60 ECTS credits) provides students with a solid background and a practical, basic training in many relevant and modern methods of applied probability and statistics. The minor study program allows students to gain experience in the independent handling and presentation of small projects.

:

A minor study program Applied Probability and Statistics provides students with an enhanced background in probability and statistics and a practical training in many fundamental and modern methods of applied probability and statistics. Classes are interactive and the methodology is illustrated using the free programming language R. Graduates of the minor degree program are able to

- understand and interpret statistical analyses
  - plan, conduct and convey their own experiments and analyses.
  - to recognize a situation where their own skills are not sufficient anymore and the help of an external expert is necessary Participants learn to find relevant information on a statistical topic in the primary literature, and communicate it in written and oral form using the proper terminology.
- Additionally, they gain experience in independently conducting a project.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

The minor study program in Applied Probability and Statistics is especially suitable as a preparation for the specialized master degree programs in «Biostatistics» and «Quantitative Finance».

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Applied Probability and Statistics includes in total compulsory modules for 30 ECTS credits and core elective modules for at least 3 ECTS credits. Those are supplemented with elective modules for 10 ECTS credits. Elective modules can be chosen from all modules containing quantitative, program relevant subjects conditional on the approval of the program coordinator. It is recommended to establish a study plan with the program coordinator.

Organization:



Academic Advisor: Prof. Reinhard Furrer, reinhard.furrer@math.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biochemistry

### Description:

#### General description:

A minor study program in Biochemistry (60 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. It imparts advanced training in biochemistry, molecular biology and biophysics as well as practical skills in fundamental techniques of biochemistry.

:

Graduates from a minor study program Biochemistry are able to

- plausibly and, if possible, quantitatively explain biochemical processes using their theoretical knowledge
- conduct experiments in a technically and conceptually correct manner while under supervision

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Biochemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program Biochemistry (60 ECTS credits) imparts the relevant basic principles in chemistry and biochemistry. It imparts advanced training in biochemistry, molecular biology and biophysics as well as practical skills in fundamental techniques of biochemistry.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

### Part of:

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Chemistry

### Description:

#### General description:

A minor study program in Chemistry (60 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. Students gain knowledge in the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) through lectures and laboratory courses and learn methodical scientific thinking. They are capable of understanding and tackling the most important chemical questions.

:

Graduates from a minor study program in Chemistry have acquired a foundational education in the theory and praxis of Chemistry and have learned to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

:

In addition to the regular semester fees, this study program also incurs additional costs in the form of internship fees and for additional material and scripts.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Bachelor's minor degree program in Chemistry (60 ECTS credits) provides students with a general education in Chemistry and basic laboratory skills. Students gain knowledge in the three classical chemical disciplines (Inorganic Chemistry, Organic Chemistry, and Physical Chemistry) through lectures and laboratory courses and learn methodical scientific thinking. They are capable of understanding and tackling the most important chemical questions.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

### Part of:

Bachelor of Arts (RVO19)





**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Computational Science

### Description:

#### General description:

The minor study program in Computational Science (60 ECTS credits) targets students who want to get introduced to the world of simulations and big data.

Students can make up their own transdisciplinary paths, choosing among specializations ranging from data analysis for natural sciences or scientific simulations over bioinformatics to neuroinformatics.

:

Graduates from the minor study program Computational Science (60 ECTS credits) are able to write computer programs of moderate complexity in a higher programming language, and use these programs, for instance, to analyze biological data sets AND to simulate models in the Natural Sciences. Therefore, the minor in Computational Science is designed as a transdisciplinary program.

In addition to covering fundamental topics in Applied Mathematics, Statistics and Informatics, students will be given insight into various important fields of application for scientific computing. They may select two field of application from the following list:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

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The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Informatics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: In the major study program in Computational Science two of the following scopes have to be chosen:

- Data Analysis for Natural Sciences
- Simulations in the Natural Sciences
- Bioinformatics
- Neuroinformatics



Organization: Faculty of Science

Academic Advisor: stadel@physik.uzh.ch

douglas.potter@uzh.ch

Responsible Instructor: Joachim Gerhard Stadel

Coordination:

**Part of:**

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Public Understanding of Science

### Description:

#### General description:

The doctoral program in Public Understanding of Science includes a written dissertation about the own independent scientific research project. The program includes a curricular part of at least 12 ECTS credits. The curricular part is determined individually for each doctoral student through the doctoral committee and focuses on the specific environment of the research. Beyond this the regular visit of scientific congresses or summer schools, relevant to the own research area, is compulsory. The regular participation in research seminars is compulsory, too. Additionally, doctoral students must take at least one teaching load in each semester.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Kai Niebert

Coordination:

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Biochemistry

### Description:

#### General description:

The major study program in Biochemistry (90 ECTS credits) at Master's level builds up on a Bachelor's degree in biochemistry. The program imparts good knowledge in structural biology, protein engineering and biochemistry. Sound experimental competencies are developed within a research project and the Master's thesis. In the area of generic competencies the abilities to transfer concepts, to describe problems and to formulate hypotheses are promoted. The Master's degree in Biochemistry is the professional qualification for research activities in the life sciences. Program structure: The major study program in Biochemistry takes three semesters. It starts with a research project and advanced level lectures in structural biology, protein engineering, biochemistry and bioinformatics, followed by the Master's thesis which takes six months. The Master's program is completed with a subject-specific Master's examination.

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Biochemistry at the master's level offers students a deepened theoretical exploration of Structural Biology, Protein Engineering and molecular Biochemistry and allows them to further develop their experimental skill within projects and their master's thesis.

Main Language of English

Instruction:

#### Career Prospects:

The Master's degree in Biochemistry is the professional qualification for research activities in the life sciences.

### Requirements:

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The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biochemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The major study program in Biochemistry 90 at Master's level takes three semesters. It starts with a research project and advanced level lectures in structural biology, protein engineering, biochemistry and bioinformatics, followed by the Master's dissertation which takes six months. The Master's program is completed with subject-specific Master's examination.



Major/Minor-Combinations: The Master's study program in Biochemistry 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Biology

### Description:

#### General description:

The major study program in Biology (90 ECTS credits) at Master's level all to concentrate on a specific field within Biology. An MSc degree is required for all academic professions in Biology and meets the scientific requirements for the Teaching Diploma for Upper Secondary Education in Biology.

:

Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences  
Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology



Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The Master's degree course is accredited with 90 ECTS credit points and is a three semesters in full-time studies. The work is divided between special lectures, block courses, a Master's thesis, optional project work, colloqu and seminars according to individually adapted "learning agreements" concluded with the Master's coordinators. Further information:  
<http://www.biologie.uzh.ch/Studium/Masterstudium/MasterStudies.html>

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:  
PD Dr. Karin Isler: [studienkoordination.biologie@uzh.ch](mailto:studienkoordination.biologie@uzh.ch)

Responsible Instructor: Konrad Basler

Coordination: Karin Isler

**Part of:**

Master of Science Faculty of Science (120) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Biomedicine

### Description:

#### General description:

The major study program in Biomedicine at Master's level builds on the Bachelor's education and provides students with a deeper scientific understanding in research groups in university hospitals in Zurich and institutes at the University of Zurich. It provides also the capability to carry out independent scientific work. The MSc is the qualification required for all academic biomedicine professions and meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Upper Secondary Education. Course components: The program is based on block courses and special lectures in Biomedicine and Biology (20 ECTS credits). The core compulsory components of the degree are the Master's research project in Biomedicine, including seminars and colloquia (together 60 ECTS credits) and the modules 'Scientific writing and presentation' (4 ECTS credits) and 'Inte Knowledge in Biology' (6 ECTS credits).

:

Master's graduates have skills in scientific research. They recognize relevant problems in Biomedicine and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem-solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Graduates of the study program Biomedicine are employed in basic and clinical research at universities, research institutions and hospitals but also in pharmaceutical and life sciences industry. Many graduates work as expert support for authorities and public health sector, in science communication and teaching; as well as in all life sciences areas where analytical, structured thinking together with essential networking is required. Many graduates pursue their scientific carrier further in PhD thesis.

However, graduates of biomedicine do not exercise any medical activity with a direct contact to patients. For this purpose, a degree in human medicine is required. In many areas, however, there is close professional cooperation between these two disciplines. The common expertise and understanding on the one hand and the different competences and skills on the other hand, promote and improve the comprehensive (clinical and scientific) development of medical care and health care situation.

In addition, the Master degree in Biomedicine is also the qualification for admission to the Study Program for the Teaching Diploma for Secondary Education. For the Teaching Diploma for Secondary Education in Biology however, a broader general education in Biology is required. Modules in Biodiversity and Ecology must be completed additionally. Therefore, for this purpose we recommend a Major in Biology with the option of a Minor in Biomedicine.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates. For the Teaching Diploma for Secondary Education however, a broader general education is required. Modules in Biodiversity and Ecology must be completed additionally. Therefore we recommend a Master in Biology with the option of a minor in Biomedicine.

### Requirements:



Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Attaining a Master's degree entitles the student to continue studying at t doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates. For the Teaching Diploma for Secondary Education however, a broader general education is required. Modules in Biodiversity and Ecology must be completed additionally. Therefore we recommend a Master in Biology with the option of a minor in Biomedicine.:

Admission with possible conditions from branch of studies: Biochemistry, Biology

Branch of Study: Biomedical sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The program is based on block courses and special lectures in Biomedicine and Biology (20 ECTS credits). The core compulsory components of the degree are the Master's research project in Biomedicine, including seminars and colloquia (together 60 ECTS credits) and the modules 'Scientific writing and publishing' (4 ECTS credits) and 'Integrated Knowledge in Biology&apo credits).

Major/Minor-Combinations: The Master's study program in Biomedicine 90 can be taken as a single major be combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: Dr. Sabine Jacob, master.biomedizin@physiol.uzh.ch

Responsible Instructor: Thierry Hennet

Coordination: Sabine Jacob Sempach

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Chemistry

### Description:

#### General description:

The major study program in Chemistry (90 ECTS credits) at Master's level provides students with advanced knowledge of special chemical disciplines of their choice. Furthermore, it offers exposure to research through work on current research projects; the degree is completed with an independent research project. The Master's degree is the qualification required for academic professions in chemistry and meets the scientific requirements for commencing the Study Program for the Teaching Diploma for Upper Secondary Education.

Program structure: In the Master's program students earn 35 ECTS credits of core elective and elective modules (lectures, exercises, seminars, laboratory courses, and special lectures). The Master's research project, combined with research lecture and the Master's exam are the final components of the program.

:

Graduates from a MSc program with a major in Chemistry have

- an in depth theoretical understanding of concepts in Chemistry, which enables them to understand complex chemical systems.
- experimental skills acquired during their largely independently conducted master's thesis.
- a deepened understanding of the current forefront of research in one specific field of chemistry.
- competencies in a specialized area of research and are able to conduct independent research such as would be required for a PhD
- the subject-specific qualifications necessary to work as a chemist MSc or to teach Chemistry as their first teaching subject at Upper Secondary Schools (Sekundarstufe II)

Main Language of Instruction: English

Further Languages of Instruction: German

#### Career Prospects:

A Master's degree in Chemistry is an ideal basis for fascinating future employment both in research and industry. As a result of its comprehensive approach, chemistry forms the basis of numerous other disciplines, including pharmacy, biology, medicine, agronomy, food sciences and earth sciences.

Chemists are therefore well-suited for a wide range of occupations, and a large variety of careers and professions in diverse fields are open to graduates, depending on their interests and area of specialization:

Research and Development: A Master's degree can lead to a career in research generally via a doctorate.

Education: The Master's degree in Chemistry is a qualification for careers in chemistry and forms the academic basis for a teaching qualification.

- Process and Applications Engineering
- Sales and Marketing
- Analytical Chemistry
- Start-up Companies
- Patents
- Knowledge Management
- Media



Further Study Options:

After achieving their Master's degree, many chemists complete a doctoral t which takes three to four years for the practical part if they have no professional commitments elsewhere. Doctoral students are also required to further add to their theoretical knowledge of chemistry by attending both specialist lectures / courses and seminars / conferences that cultivate independent thinking and foster a profound knowledge of chemistry. In addition, students have the main responsibility for organizing their PhD studies.

Doctoral students must take on a small amount of teaching, e.g. as a teaching assistant in practical training.

Conferral of the doctorate demonstrates the ability to solve a problem independently, both in theory and in practice.

**Requirements:**

Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: In the Master's program students earn 35 ECTS credits from core elective a elective modules (lectures, exercises, seminars, laboratory courses, and special lectures). The Master's research project, combined with a research lecture and the Master's exam are the final components of the program.

Major/Minor-Combinations: The Master's study program in Chemistry 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible thanks to the modular structure of the program. However, this will increase the length of studies. A precise, individual model for part-time study must be discussed in advance with the academic advisor responsible.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Chemistry and Business Studies

### Description:

#### General description:

The major study program in Chemistry and Business Studies (90 ECTS credits) at Master's level provides students with an advanced understanding of selected chemical disciplines and of Economics. The Master's degree is the qualification for academic professions in Chemistry that require an understanding of Economics and meets the scientific requirements for commencing the Study Program for the Teaching Diploma for Upper Secondary Education (possibly with requirements). Program structure: Compulsory modules include Chemistry and Business Studies (12 ECTS credits). Of the core elective modules studied within the Faculty of Science (MNF), 9 ECTS credits must be earned from practical courses and lectures. Elective modules must come from the fields of chemistry, biochemistry and economics and allow the studies to be broadened or further deepened. The Master's thesis combined with a research lecture (max. 9 months) and the Master's exam (total 55 ECTS credits) are the final components of the program.

:

Graduates from the MSc Program in Chemistry and Business Studies have

- an in-depth theoretical understanding of concepts in Chemistry and Business Studies, which enables them to understand complex chemical and economic systems, as well as the areas where they intersect.
- experimental skills in Chemistry acquired during practical trainings.

Depending on the type of master's thesis, these skills will be further improved

- a deepened understanding of the current forefront of research in one specific field of Chemistry or Economics and Business Administration.
- competencies in a specialized area of research and are able to conduct independent research such as would be required for a PhD
- the subject-specific qualifications necessary to work as a chemist MSc or to teach Chemistry as their first teaching subject at Upper Secondary Schools (Sekundarstufe II) and they have the skills in Business Studies necessary to work in various business-focused areas of industry.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The study program in chemistry and business studies provides graduates with a practical education that opens up a variety of employment opportunities.

There are particularly interesting positions at the intersection between research and marketing, development and production, and in strategy departments. There are also numerous opportunities in controlling and consultancy for graduates of the program.

Product managers, sales managers, production managers, project managers, plant managers and business development managers all work in the realm between the natural sciences and economics.

Thanks to their unique combination of knowledge, graduates of chemistry and business studies are particularly in demand at start-ups and SMEs, where one manager usually takes on more than one role.



Scientists with business training are also needed on numerous committees in politics and public administration.

Further Study Options:

Successful completion of the Master's program qualifies students to continue studying at doctoral level. The faculty may, however, require students to meet further conditions for doctoral studies. Details can be found in the regulations for obtaining the doctoral degree.

**Requirements:**

Further Study Options:

A Bachelor's degree in "Chemistry and Business Studies" from the Faculty of Science of the University of Zurich exempts the holder from having to pass any further examinations for admission to the Master's degree course. With a corresponding Bachelor's degree in Chemistry the holder will have to fulfill additional requirements in form of evidence of academic achievements from Business and Economics for admission to the Master's degree course. Qualifications from other universities or universities of applied sciences are assessed by the Faculty according to its own criteria. In these cases, the Faculty decides about admission to the Master's degree course and the possible fulfillment of additional conditions in form of evidence of academic achievement.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: Compulsory modules include Chemistry and Business Studies (4 ECTS Credits). Of the core elective modules studied within the Faculty of Science (MNF), 10 ECTS Credits must be earned from practical courses and lectures. At least 12 ECTS credits of elective modules must come from courses within the Faculty of Economics. The Master's thesis combined with a research lecture (max. 9 months) and the Master's exam (total 55 ECTS credits) are the final components of the program.

Major/Minor-Combinations: The Master's study program in Chemistry and Business Studies 90 can be taken as a single major or be combined with a minor study program 30 at the Master's level.

Part-Time Studies: Part-time study is possible thanks to the modular structure of the course. However, this will increase the length of the course. It is very important that a precise, individual plan for part-time study be discussed in advance with the academic advisor responsible.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Seeger, E-Mail: [sseeger@chem.uzh.ch](mailto:sseeger@chem.uzh.ch)

Dr. Sabine Stockhause, E-Mail: [sabine.stockhause@chem.uzh.ch](mailto:sabine.stockhause@chem.uzh.ch)

Responsible Instructor: Stefan Seeger

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (120) (2021)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Geography

### Description:

#### General description:

The major study program in Geography (90 ECTS credits) at Master's level is designed to concentrate on a specific field within Geography. An MSc degree is required for all academic professions in Geography and meets the scientific requirements for the Teaching Diploma for Upper Secondary Education in Geography.

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The major study program in Geography 90 at Master's level offers an in-dep subject-specific focus and guides students towards applied research. Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of Instruction: English

#### Career Prospects:

Geography's broad scope enables geographers to work in a diverse range of fields such as spatial planning, environment, landscape and human beings, geoinformatics and communication or teaching at secondary schools). The chosen field depends on the thematic consolidation chosen in the Master's program the chosen Minor's study programs.

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

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One earth - many worlds: The earth and its diverse environments are at the focus of studying Geography at the University of Zurich. How do humans and the environment interact? What are the relationships between human beings and natural space?





Global change, neoliberalisation, virtual worlds, environmental changes and urbanisation are challenges that concern Geography. At the Department of Geography in Zurich, students learn about socially relevant topics in Switzerland and the global south, in the high mountains, in metropolitan areas and in cyberspace.

Geography's main strength is combining approaches from the natural, social computer sciences. Geographers work in interdisciplinary networks and formulate solutions to current problems. In an increasingly networked and accelerated world, geographers assume social responsibility and address not only the opportunities but also the challenges of global change.

The Master's degree is based on previous knowledge acquired during the Bachelor's degree.

The Master of Science (MSc) in Geography offers students the opportunity to specialize within the following thematic subject areas of Geography (see descriptions on the pages of the respective emphasis):

- General Geography
- Physical Geography
- Human Geography
- Remote Sensing
- Geographic Information Science and Systems

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Mathematics

### Description:

#### General description:

The major study program in Mathematics (90 ECTS credits) at Master's level provides a deeper understanding of the subject and the ability to carry out scientific work independently. The MSc is the qualification required for academic professions in Mathematics and meets the scientific requirements for commencing the degree program for the Teaching Diploma for Upper Secondary Education. The major study program is composed of lectures, two seminars, the Master's thesis and the Master's exam.

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In addition to the qualification objectives of the bachelor's study program graduates from the master's study program deepen their knowledge of an area of Mathematics by completing a master's thesis and attending specialized lectures. They are capable of understanding, analysing and applying current research in the field. In addition they can communicate their results in writing and orally.

Main Language of Instruction: English

#### Career Prospects:

An increasing number of fields (engineering sciences, economics, medicine, etc.) in our world are being "infiltrated" by mathematics and its applications.

Which is why the career opportunities for mathematicians are very good and extremely varied. The skills trained and knowledge acquired during your studies lead to a broad spectrum of possibilities. Mathematicians are needed, for example, in:

innovative high-tech companies

companies with a natural sciences or engineering profile  
software firms or software departments of larger companies  
insurance companies and banks

the teaching profession. Well-trained mathematicians are inestimably important, not least because they ensure the upcoming generation of scientists in information technology as well as engineering and natural sciences.

#### Further Study Options:

The Masters degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions. Details are set out in the general conditions and/or conditions of study.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from



universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The major study program Mathematics 90 at Master's level includes lectures seminars, the Master's thesis and the Master's examination.

Major/Minor-Combinations: The Master's study program in Mathematics 90 can be taken as a single major be combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study is accordingly longer. A concrete individual model for part-time studies must be discussed in advance with the relevant academic advisor.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Physics

### Description:

#### General description:

The major study program in Physics (90 ECTS credits) at Master's level provides students with an in-depth scientific education and the skills needed to carry out independent research. The students deepen their understanding of a specialist area (condensed matter physics, elementary particle physics, biological and medical physics or astro(particle) physics and cosmology). The MSc is the qualification required for academic professions in Physics and meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Upper Secondary Education. Course components: At least 35 ECTS credits are earned through research seminars, lectures, exercises and practicals in the chosen specialist area. Individual specialization is possible through optional modules. The Master's thesis (50 ECTS credits) is present publicly as part of the Master's exam.

:

The focus of the master's program in Physics is in gaining experience in d research. Depending on their field of specialization, students will deepen and extend the skills they acquired over the course of their bachelor.

1. Independent handling of a research problem - either experimentally in the lab, using modern measurement techniques, or through constructing a theoretical model of the process and using it to solve the problem.
2. Deepening their knowledge of physical concepts in accordance with their field of specialization.

Main Language of Instruction: English

#### Further Study Options:

The Masters degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions Details are set out in the general conditions and/or conditions of study.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of &sect; 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The Master's study program in physics at the University of Zurich is offer in four specialized fields:

- physics of condensed matter
- elementary particle physics
- astroparticle physics and cosmology
- biological and medical physics

At least 35 ECTS Credits are earned through research seminars, lectures, exercises and practicals in the chosen specialist area. Individual specialization is possible through optional modules. The Master's thesis ( ECTS Credits) is presented publicly as part of the Master's exam.

Major/Minor-Combinations: The Master's study program in Physics 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study can be prolonged with no problems. Specific models for part-time study are created individually.

Organization: Faculty of Science

Academic Advisor: Prof. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Matthias Hengsberger, [matthias.hengsberger@physik.uzh.ch](mailto:matthias.hengsberger@physik.uzh.ch) Dr. Katharina Müller, [kmueeller@physik.uzh.ch](mailto:kmueeller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Biostatistics (specialized Master)

### Description:

#### General description:

The specialized major study program in Biostatistics (90 ECTS credits) at Master's level is open to students with a Bachelor's degree in mathem statistics, computer science, physics or in another field, specially biology or biomedicine with a sufficient mathematical and statistical component. The program provides students with a deeper scientific understanding and the capability to carry out independent scientific work in biostatistics. Program structure: The required ECTS credits have to be gained from compulsory modules (Pflichtmodule) and elective modules (Wahlpflichtmodule) in statistics/biostatistics, these can in certain cases be in mathematics, and, elective modules in a field of application (Wahlmodule). The master's thesis comprises 30 ECTS credits and the master's exam 3 ECTS credits.

:

The specialized study program in Biostatistics 90 at Master's level provides students with an advanced education in science, the ability to work independently in science and a profound understanding of modern Biostatistics and its relevance. Students will be prepared for work in research, industry or office as well as for a doctorate in Biostatistics or a closely related discipline.

Main Language of English

#### Instruction:

#### Career Prospects:

Career outlooks for biostatisticians are generally excellent, as for statisticians and professionals with quantitative skills in general. Graduates of the program will be highly qualified for an occupation at universities or research institutes and in the pharmaceutical industry.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.

### Requirements:

#### Further Study Options:

The Master in Biostatistics is a specialized Master.  
Please find the details for applications on: <https://www.biostat.uzh.ch>

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.

:

The study program in Biostatistics 90 is a specialized Master.  
Please find the details for applications on: <https://www.biostat.uzh.ch>

#### Grading:

The student's achievement is assessed at the end of each module.  
Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.  
Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The required ECTS credits have to be gained from compulsory modules (Pflichtmodule) and elective modules in statistics/biostatistics (Wahlpflichtmodule), these can in certain cases be in mathematics, and, elective modules in a field of application (Wahlmodule). The master's thesis comprises 30 ECTS credits and the master's exam 5 ECTS credits.

Major/Minor-Combinations: The specialized Master's study program in Biostatistics 90 can be taken as single major or be combined with a minor study program 30 at Master's level. A major study program in Biostatistics can not be combined with a minor study program in Applied Probability and Statistics.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Leonhard Held, &nbsp;leonhard.held@uzh.ch

Responsible Instructor: Leonhard Held

Coordination: Cora Marie Lieselotte Burgwinkel

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Chemical and Molecular Sciences (specialized Master)

### Description:

#### General description:

The specialized major study program in Chemical and Molecular Sciences (90 ECTS credits) at Master's level requires a scientific Bachelor's degree with significant amount of education in Chemistry. The research focused program provides training in areas that defy traditional categorization. The core requirements emphasize design, synthesis and control of function from a molecular perspective. The Master's degree is a qualification for all academic-industrial professions, ranging from chemical biology to materials science to medicine. Program structure: The basis is provided by the core modules (9 ECTS credits) in Molecular Design and Synthesis. The selection of core elective (9 ECTS credits) and elective modules (12 ECTS credits) is tailored according to the requirements of the individual student. The central element of the program are research focused internships, including a Master's thesis, oral exam and a public research presentation (60 ECTS credits).

:

1 The program teaches students the conceptual and experimental methods for designing, manipulating and synthesising molecules and molecular systems within the wider context of the Natural Sciences.

2 The program demands familiarity in dealing with conception of molecular structures and chemical structures. The program is research oriented and will be adjusted to the prior experience of each student.

3 The program provides an ideal education for continuing with a dissertation in this intersectional science, which is otherwise not offered as a course of study

Main Language of Instruction: English

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### Requirements:

#### Further Study Options:

The Master in Chemical and Molecular Sciences is a specialized Master.

Please find the details for applications on: <http://www.ms-cms.uzh.ch/howtoapply.html>

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.:

1. The candidate must possess a B.Sc. in the physical or natural sciences, with minimum average marks of "Good." This coursework must include the equivalent of at least 2 years chemistry lectures (min. 16 ECTS) and 2 years (combined) of biology, biochemistry or physics lectures (min. 16 ECTS). In addition, the coursework must include 2 years of laboratory work (min. 24 ECTS), at least 1 year of which must be in chemistry (min. 12 ECTS).

2. The candidate must have a demonstrated capacity for research.

This may take the form of advanced practical laboratory courses or independent research work, equivalent to a minimum of 6 ECTS.

3. The candidate must arrange for the submission of two letters of support for the application. The first letter should come from a faculty member familiar with the candidate's coursework and research performance. The second letter should come from the UZH faculty member who would be responsible for the candidate's M.Sc. research in the MDS program.





Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The basis is provided by the core modules (8 ECTS credits) in Molecular Design and Synthesis. The selection of core elective (10 ECTS credits) and elective modules (12 ECTS credits) is tailored according to the requirements of the individual student. The central element of the program is Master's research including written thesis, oral exam and a public research presentation (60 ECTS credits).

Major/Minor-Combinations: The specialized Master's study program in Chemical and Molecular Sciences can be taken as a single major or be combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Bernhard Spingler  
spingler@chem.uzh.ch

Responsible Instructor: Bernhard Spingler

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Physics (Fast Track)

### Description:

#### General description:

The specialized Fast Track major study program in Physics (90 ECTS credits) at Master's level is meant for excellent students envisioning an academic career. They deepen their understanding of a specialist area (condensed matter physics, elementary particle physics or astro(particle) physics and cosmology or biological and medical physics). The Master's thesis on a topical subject is the foundation of independent research work, which is continued in the framework of a PhD thesis in the graduate school. The MSc is the qualification required for academic professions in Physics and meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Secondary Education. Course components: At least 35 ECTS credits are earned through research seminars, lectures, exercises and practicals. Individual specialization is possible through optional modules. The Master's thesis (ECTS credits) is presented publicly as part of the Master's exam.

:

The fast-track program furthers students' scientific education and fosters their abilities for independent research. Students will be prepared for careers in industry, at research institutes and at universities.

Main Language of English

Instruction:

#### Career Prospects:

After successful completion of the Fast-Track program, students are expected to enter the doctoral program in physics. This program is therefore intended for students who pursue an academic career.

The studies prepare physicists not only for scientific research. On completion of their degree they are also very much in demand in business, banks and insurance companies, as research managers or patent lawyers, in telecommunications and optical firms, etc., as system analysts and all-rounders. In addition, there is a great demand for physicists in teaching at secondary schools.

#### Further Study Options:

The Master's degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions. Details are set out in the general conditions and/or conditions of study.

The program also meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Secondary Education.

### Requirements:

#### Further Study Options:

The Fast-Track program in physics is a specialized Master's program with specific additional admission requirements.

For admission to the program, the following conditions have to be met:

Bachelor's degree from the University of Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university.

Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member.



The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on the recognition of studies and credit points acquired elsewhere.

The Masters degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions. Details are set out in the general conditions and/or conditions of study.

The program also meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Secondary Education.

:

The Fast-Track study program in physics is a specialized Master's program specific additional admission requirements.

For admission to the program, the following conditions have to be met: Bachelor's degree from the University of Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university.

Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member.

The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on the recognition of studies and credit points acquired elsewhere.

Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure:

At least 35 ECTS Credits are earned through research seminars, lectures, exercises and practicals in the chosen specialist area. Individual specialization is possible through optional modules. The Master's thesis ( ECTS Credits) is presented publicly as part of the Master's exam.

Major/Minor-Combinations:

The specialized Fast-Track Master's study program in Physics 90 can be tak a single major or be combined with a minor study program 30 at Master's le

Part-Time Studies:

Part-time studies are possible on account of the modular structure of the course. However, part-time studies are not recommended.

Organization:

Faculty of Science

Academic Advisor:

Prof. Dr. Christof Aegerter, christof.aegerter@physik.uzh.ch

Responsible Instructor:

Christof Aegerter

Coordination:

Anna Katharina Troller

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Earth System Science

### Description:

#### General description:

The minor study program in Earth System Science (60 ECTS credits) provides a general education in natural sciences with a focus on Earth System Science, as well as the competence to work and think in a methodological-scientific way.

Students of the minor study program in Earth System Science benefit from the collaboration of the University of Zurich (UZH) and the Swiss Federal Institute of Technology (ETHZ) and will attend courses at both institutions.

:

Within the minor study program in Earth System Science 60 students study different approaches to the interdisciplinary analysis of current issues. The program combines scientific fundamentals with advanced modules in Earth System Science. In teaching, well-founded knowledge from current research projects is imparted and students are encouraged to critically examine socially relevant topics. Practical experience in measurement techniques, experimental methods and application-oriented data analysis complement the study program.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Earth Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: For a minor study program in Earth System Science 60 introductory modules are attended in various fields such as Earth System Science, Geology, Mathematics, Physical Geography, Remote Sensing and Geographical Information Science. Subsequently, the interdisciplinary knowledge is expanded with modules in Earth System Science, Geography, Environmental Sciences and Biology. These modules foster the knowledge within the thematic subject areas of Earth System Science: The Geo-Biosphere System, the Hydro-Atmosphere System and the Human-Environment System. Due to the fact that some modules are part of both study programs, there are some differences in the study structure for students with the major in Geography (details on the website of the Department of Geography).

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus



Coordination: Yvonne Scheidegger

**Part of:**

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Geography

### Description:

#### General description:

A minor study program in Geography (60 ECTS credits) provides a general education into geo sciences and builds the capability to think and work in a systematic and scientific way. A minor study program in Geography covers two of the three thematic subject areas of geography (Physical Geography, Human Geography and Geographic Information Science and Remote Sensing). Depending on the chosen thematic subject area and the previous knowledge the compulsory and core elective modules differ.

:

Within the minor study program in Geography 60 students study different approaches to the analysis of current issues in the natural, social and computer sciences. Students strengthen their skills in two of the three thematic subject areas (Physical Geography, Human Geography, Remote Sensing and Geographical Information Science). In teaching, in-depth knowledge from current research projects is presented in order to critically examine socially relevant topics. Students' intellectual abilities and networked thinking are encouraged to prepare them for their future educational path.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: For a minor study program in Geography 60 introductory modules in Physical Geography, Human Geography, Remote Sensing and GIScience are completed as well as a module in Stochastics for Natural Sciences. Subsequently, two thematic subject areas are chosen and each of them is explored in greater depth in three further core elective modules. The remaining ECTS credits can be chosen from the entire range of courses offered in the major study program in Geography.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Mathematics

### Description:

#### General description:

The minor study program in Mathematics (60 ECTS credits) provides a solid fundamental understanding of the core areas of Mathematics and the capability to think and work in a methodical and scientific way. The program contains the compulsory modules Analysis I and II and Linear Algebra I and II. Moreover, elective modules at an advanced level have to be taken.

:

Graduates from a minor study program Mathematics, worth a total of 60 ECTS credits should...

- understand and be able to apply foundational concepts in Mathematics.
- possess solid foundational knowledge in Linear Algebra and Analysis plus at least one more subject area, which is determined by a student's choice of core elective module.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in the same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences. This is also applicable to acceptance onto specialized Master's study programs. The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The study program contains the compulsory modules Analysis I and II and Linear Algebra I and II. Moreover, elective modules at an advanced level have to be taken.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

### Part of:

Bachelor of Arts (RVO19)





**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Physics

### Description:

#### General description:

A minor study program in Physics in (60 ECTS credits) provides a solid introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics are followed by either a theoretical cycle or additional advanced modules in Experimental Physics containing practical parts.

:

Graduates with a minor study program Physics are able

- to collect data from experiments, describe, analyse and explain physical observations and compare these to theoretical models,
- to explain foundational concepts in Physics and describe general theoretical models.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program Physics at Bachelor's level provides a solid introduction to Physics, as well as scientific and analytic thinking in general. Course components: basic courses on Mathematics and Physics are followed by either a theoretical cycle or additional advanced modules in Experimental Physics containing practical parts.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmueller@physik.uzh.ch](mailto:kmueller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

### Part of:

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)



**Universität  
Zürich<sup>UZH</sup>**

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biology

### Description:

#### General description:

A Master's minor study program in Biology (30 ECTS credits) builds on the knowledge in Biology obtained at the Bachelor's level. It conveys advanced knowledge in some research areas of Biology and improves the capability to think and work in a methodical and scientific way.

:

Graduates from the minor study program in Biology (30 ECTS credits) are able to

- use their understanding of current research in Biology as well as their fundamental knowledge of a selection of foundational subjects such as Mathematics, Physics, Chemistry and Biochemistry to understand questions in Biology.
- recognize, describe and explain particular biological concepts and phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Ein Minor-Studienprogramm Biology (30 ECTS Credits) auf Masterstufe knüpft an das im Bachelorstudium erworbene Fachwissen in Biologie ab. Die Kenntnisse in einigen Forschungszweigen der Biologie und die Fähigkeit, methodisch- wissenschaftlich zu denken und zu arbeiten, werden vertieft und erweitert.

#### Further Study Options:

Der Abschluss des Bachelorstudiums berechtigt ohne weitere Bedingungen zum Weiterstudium auf Masterstufe in der selben Studienrichtung. Im Falle eines Wechsels der Studienrichtung kann die Fakultät vor der Aufnahme des Masterstudiums den Nachweis zusätzlicher Kompetenzen verlangen. Dasselbe gilt für den Eintritt in spezialisierte Masterprogramme.

Einzelheiten sind in der der Rahmenverordnung bzw. der Studienordnung festgelegt.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A Master's minor study program in Biology (30 ECTS credits) builds on the knowledge in Biology obtained at the Bachelor's level. It conveys advanced knowledge in some research areas of Biology and improves the capability to think and work in a methodical and scientific way.

Organization: Faculty of Science

Academic Advisor: PD Dr. Karin Isler, karin.isler@biol.uzh.ch



Responsible Instructor: Konrad Basler

Coordination: Karin Isler

**Part of:**

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Science UZH in Informatics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Chemistry

### Description:

#### General description:

A Master's minor study program in Chemistry (30 ECTS credits) builds on the corresponding program completed at the Bachelor's level and deepens the knowledge acquired at the Bachelor's level. It extends the scientific education, the knowledge of selected areas of research in chemistry and the ability to think and work methodically and scientifically. More in-depth knowledge of individual, specialist areas can be acquired depending on the individual's interests.

:

Graduates from a minor study program Chemistry have acquired a foundational education in the theory and praxis of Chemistry and have learned to think and work systematically and scientifically.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program in Chemistry (30 ECTS credits) builds on the corresponding program completed at the Bachelor's level and deepens the knowledge acquired at the Bachelor's level. It extends the scientific education, the knowledge of selected areas of research in chemistry and the ability to think and work methodically and scientifically. More in-depth knowledge of individual, specialist areas can be acquired depending on the individual's interests.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

### Part of:

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Science UZH in Informatics (RVO22)



**Universität  
Zürich**<sup>UZH</sup>

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Geography

### Description:

#### General description:

A Master's minor study program in Geography (30 ECTS credits) builds on the corresponding program Geography (60 ECTS) completed at the Bachelor's level and extends the education in the Natural Sciences acquired at the Bachelor's level and provides in-depth knowledge in some research areas and the capability to think and work in a methodical and scientific way. For a minor study program in Geography at the Master's level students need to gain 30 ECTS credits. Depending on individual interests certain specialized areas can be pursued in depth.

:  
Within the minor study program in Geography 30 students study different approaches to the interdisciplinary analysis of current issues. In teaching, well-founded knowledge from current research projects is conveyed in order to critically examine socially relevant topics. With a view to the further educational path of the students, their intellectual abilities and networked thinking are fostered.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: AA Master's minor study program in Geography (30 ECTS credits) builds either a Bachelor's minor study program in Geography 30 or 60 ECTS credits, or corresponds to the Bachelor's minor study program 30 ECTS credits. Within Master's minor study program building on the Bachelor's minor study program 30 ECTS credits the conditions for a Bachelor's minor study program 60 ECTS credits need to be fulfilled. Within the Master's minor study program built on the Bachelor's minor study program 60 ECTS credits individual interests can be followed. Further information can be accessed on the website of the Department of Geography.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

### Part of:

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)





**Universität  
Zürich<sup>UZH</sup>**

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Science UZH in Informatics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Mathematics

### Description:

#### General description:

The Master's minor study program in Mathematics (30 ECTS credits) builds on the corresponding Bachelor's minor study program in Mathematics. It extends the scientific mathematical education and conveys in-depth knowledge in some mathematical research areas and the capability to think and work in a methodical and scientific way. For a Master's minor study program in Mathematics students need to gain 30 ECTS credits. Depending on individual interests different specialized areas can be pursued in depth.

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Graduates from a minor study program Mathematics, worth a total of 30 ECTS credits should...

- understand and be able to apply foundational concepts in Mathematics.
- possess solid foundational knowledge in Linear Algebra and Analysis.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in the same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences. This is also applicable to acceptance onto specialized Master's study programs. The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program Mathematics (30 ECTS credits) at Master's level builds on the corresponding study program in Mathematics at Bachelor's level. It extends the scientific mathematical education and conveys in-depth knowledge in some mathematical research areas and the capability to think and work in a methodical and scientific way. For a minor study program in Mathematics (30 ECTS credits) at Master's level students need to gain 30 ECTS credits. Depending on individual interests different specialized areas can be pursued in depth.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer



Coordination: Sandra Jana Müller

**Part of:**

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Science UZH in Informatics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Physics

### Description:

#### General description:

A Master's minor study program in Physics (30 ECTS credits) builds on the corresponding program completed at the Bachelor's level. It extends the education in the Natural Sciences acquired at the Bachelor's level and conveys in-depth knowledge in some research areas and the capability to think and work in a methodical and scientific way. For a minor study program in Physics at the Master's level students need to gain 30 ECTS credits. Depending on individual interests certain specialized areas can be pursued in depth.

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Graduates with a minor study program Physics are able

- to collect data from experiments, describe, analyse and explain physical observations and compare these to theoretical models,
- to explain foundational concepts in Physics and describe general theoretical models.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program Physics (30 ECTS credits) at Master's level builds on the corresponding program completed at the Bachelor's level. It extends the education in the Natural Sciences acquired at the Bachelor's level and conveys in-depth knowledge in some research areas and the capability to think and work in a methodical and scientific way. For a minor study program in Physics at Master's level students need to gain 30 ECTS credits. Depending on individual interests certain specialized areas can be pursued in depth.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Katharina Müller, [kmueller@physik.uzh.ch](mailto:kmueller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

### Part of:



Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Science UZH in Informatics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 German Literature and Linguistics

### Description:

#### General description:

The German Language and Literature major imparts the ability to address the subjects and issues of German language and literature on the basis of scholarly models. It provides a knowledge of the scholarly discourses in which the fields treated by German language and literature, including new forms of communication and media representations, are debated, and of the historical and systematic principles of the scholarly conceptualization of these fields. Those who complete the major are equipped to handle philological working methods and analyze the historical, social, pragmatic-functional and aesthetic characteristics of linguistic, literary, and media phenomena.

Main Language of Instruction: German

#### Career Prospects:

Die Bachelor Studienprogramme «Deutsche Sprach- und Literaturwissenschaft bereiten die Studierenden für die spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen der wissenschaftlich fundierte Umgang mit deutscher Sprache und Literatur gefragt ist, wie etwa schulische und ausserschulische Ausbildung, Sprachvermittlung, Redaktionen (Rundfunk, TV, Internet), Verlagswesen, PR und Marketing. Die Studienprogramme legen aber auch die Grundlage für ein weiterführendes Studium im Master.

### Requirements:

Branch of Study: German Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-DSL@ds.uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Scandinavian Studies

### Description:

#### General description:

The major in Scandinavian Studies imparts the ability to handle texts, artifacts, and questions in the field of Scandinavian languages, cultures, and literatures on the basis of scholarly principles. Besides an active knowledge of (at least) one Scandinavian languages, the program provides a knowledge of the scholarly discourses in which the fields treated by Scandinavian languages, cultures, and literatures, including the relevant forms of media representation, are debated, and the ability to contextualize and position these fields historically and systematically. Those completing the program are competent in the basic scholarly and philological working methods, and are equipped to comprehensively analyze linguistic, cultural, media and literary manifestations in the field of Scandinavian languages, cultures, and literatures.

Main Language of Instruction: German

Further Languages of Instruction: Danish, Swedish

#### Career Prospects:

Die Bachelor Studienprogramme «Skandinavistik» bereiten die Studier die spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen ein wissenschaftlich fundierter Umgang mit Sprache und Literatur gefragt ist, wie etwa ausserschulische Ausbildung, Sprachvermittlung, Redaktionen (Rundfunk, TV, Internet), Verlagswesen, PR und Marketing. Die Studienprogramme legen aber auch die Grundlage für ein weiterführendes Studium im Master.

### Requirements:

Branch of Study: Nordic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: annakatharina.richter@uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher



**Universität  
Zürich**<sup>UZH</sup>

**Part of:**

Bachelor of Arts (RVO19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 English Literature and Linguistics

### **Description:**

#### General description:

The major study program in English Literature and Linguistics provides a broad basis of knowledge in the two fields, and develops the capacity for methodological and scholarly reflection. It also further develops language competence in English, with a particular focus on academic writing, and integrates diverse themes relating to the society, media, and culture of English-speaking countries (primarily the UK and the USA). The program is preparation for a career in a variety of fields such as education, publishing, archiving, journalism, PR, advertising, marketing, culture, film, translation, administration, enterprise, and diplomacy.

Main Language of Instruction: English

#### Career Prospects:

The Bachelor's study programs in English Literature and Linguistics prepare students for later employment in a range of areas, particularly education, editing, journalism, PR, advertising, marketing, film, translation, administration, and diplomacy, as well as for advanced studies at Master level.

### **Requirements:**

Branch of Study: English Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: English Department

Academic Advisor: [englishstudies@es.uzh.ch](mailto:englishstudies@es.uzh.ch)

Responsible Instructor: Barbara Straumann

Coordination: Olivia Melanie Tjon-A-Meeuw

### **Part of:**

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 French Literature and Linguistics

### Description:

#### General description:

On the literary studies side, those completing the program have a basic historical literary knowledge from the Middle Ages to the present, a basic knowledge of literary genres, rhetoric, poetics, and methods of text analysis, and of select literary theories. On the language and linguistics side they are familiar with the construction and usage of French and varieties of Gallo-Romance in the past and present, and have fundamental analytical skills in the grammar, phonetics, and lexis of present-day French. Those completing the program also have French language skills to at least C1 level and a basic understanding of Old French texts. They have mastered the fundamentals of independent scholarship and have acquired initial skills in academic communication.

Main Language of Instruction: French

#### Career Prospects:

Le Bachelor en langue et littérature française donne accès à des emplois qui supposent de bonnes connaissances linguistiques et littéraires du français et, de manière générale, du monde francophone. Les domaines concernés recouvrent la médiation interculturelle, le journalisme, les bibliothèques, l'archivage gestion de l'information, les métiers de l'édition, du tourisme et de ou encore certains secteurs d'entreprises internationales. Le diplôme ouvr également sur des études universitaires plus avancées (Master, doctorat).

### Requirements:

Branch of Study: French Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Italian Literature and Linguistics

### **Description:**

#### General description:

The study program provides a basic grounding in both literature and linguistics. Those completing it have a solid basic knowledge in the following areas: history, theory and methods of textual and cultural analysis, techniques of narratology, meter, rhetoric, and philology for working with texts; the linguistic structure of Italian and the Italo-Romance dialects of Latin up to the present day and in the most important problem areas of grammar, phonetics, and lexicography. They acquire in-depth methodological skills for critically dealing with complex linguistic discourses, are familiar with historically relevant and new digital research tools, can produce flawless bibliographies, and communicate scientific and scholarly knowledge. Non-native speakers improve their Italian language skills to C1 level or higher.

Main Language of Instruction: Italian

#### Career Prospects:

Il Bachelor in Linguistica e Letteratura italiana offre stimolanti prospettive di carriera. Il percorso di studi permette innanzitutto l'accesso alla laurea specialistica (Master) o alla formazione per docenti a Zurigo (Lehrdiplom für Maturitätsschulen per l'italiano come prima o seconda materia di insegnamento o in Ticino (Master of Arts SUPSI in Insegnamento per il livello secondario I).

Le competenze acquisite sono però anche trasferibili e altamente richieste in numerose professioni e in diversi ambiti del settore terziario (economia; turismo; editoria; media; istituzioni culturali tra cui biblioteche, archivi e musei; organizzazioni internazionali; gestione delle risorse umane; professioni nel campo delle arti e in agenzie di comunicazione e uffici stampa; mediazione linguistica e culturale; ecc.). A partire dal Master sono inoltre previsti a livello curricolare degli stage formativi (Praktika).

### **Requirements:**

Branch of Study: Italian Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### **Part of:**



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Comparative Romance Linguistics

### Description:

#### General description:

Those completing the program have acquired language skills at graduated levels (A1 to C2) in a range of individual Romance languages (both the major literary languages and the minority Romance languages). In selected languages they also have a basic knowledge of the external and internal history of the language from Latin to the present day, and of the levels of linguistic structuring, language structure and usage. Beyond this they have a basic knowledge of the emergence of the Romance languages and the most important trends in the development of the Romance languages, their parallels and differences. Those completing the program can produce bibliographies, are familiar with the relevant handbooks and analytical tools, take a critical approach to secondary literature, and have technical skills in the communication of knowledge. They have also made initial contacts with the academic community.

Main Language of Instruction: French

Further Languages of Instruction: Italian, Spanish

#### Career Prospects:

Absolventinnen und Absolventen des Studienprogramms «Vergleichende Romani Sprachwissenschaft» beherrschen mehrere romanische Sprachen und sind Experte im Bereich Kommunikation und interkulturelle Vermittlung. Sie haben gelernt, komplexe Strukturen zu analysieren und verfügen über Methodenkenntnisse, die auf zahlreiche Fragestellungen übertragbar sind. Damit bringen sie Voraussetzungen für zahlreiche berufliche Tätigkeiten mit, so im Kulturwesen (Museen, Kulturinstitutionen, internationale Organisationen); in Bibliotheken, Mediatheken und Archiven; in den Medien (Presse, Radio, Fernsehen, Online-Portale); in internationalen Organisationen; in der Privatwirtschaft bei international tätigen Unternehmen; überall da, wo romanische Vielsprachigkeit gefragt ist; für die Vermittlung romanischer Sprachen in der Erwachsenenbildung und im privaten Bildungssektor sowie - nach entsprechender weiterer Ausbildung - in Schulen; und nicht zuletzt: sie haben die Voraussetzung zur weiteren wissenschaftlichen Ausbildung im Rahmen eines Masterstudiums, das weitere Perspektiven eröffnet und u.a. für Tätigkeiten in linguistischen Forschungsinstitutionen und Universitäten qualifiziert.

### Requirements:

Branch of Study: Linguistics

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies



Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

**Part of:**

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Greek Philology

### Description:

#### General description:

This study program is an exemplary introduction to the rich world of Ancient Greek literature and culture, which still resonates so powerfully today.

Graduates have a sound knowledge of Ancient Greek grammar, vocabulary, semantics, and meter, and are familiar with classical rhetoric. They are familiar with the most important (traditional and digital) scholarly tools used in classical philology. In terms of methodology they have mastered the basics of specifically philological work (including textual criticism) and modern approaches to literary, cultural, and linguistic interpretation. They can analyze scientific data independently and critically question research opinions. They are practiced in presenting complex issues appropriately for the audience in question. In general they have adopted intellectual curiosity, stamina, meticulous accuracy and the courage to indulge in old-fashioned creative thinking as fundamental attitudes and key qualifications.

Main Language of Instruction: German

#### Career Prospects:

An den Bachelor in Griechischer Philologie schliesst sich in der Regel ein Master im gleichen Bereich an, der für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre auf dem Gebiet der Gräzistik qualifiziert und auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen bildet. Wegen des Erwerbs überfachlicher Kompetenzen (wie Genauigkeit, Ausdauer und Selbstständigkeit) eröffnen sich weitere Tätigkeitsbereiche wie Bibliotheken, Archive, Verlage, öffentliche Verwaltung, Museen und andere kulturelle Institutionen, Banken, Versicherungen, Journalismus, Verlagswesen, Kulturmanagement und Medienarbeit im weiteren Sinne, internationale Organisationen, Tourismus, Diplomatie.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts (RVO19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Latin Philology

### **Description:**

#### General description:

This study program is an introduction to the incredibly rich world of Latin literature and culture, which still resonates so powerfully today. Those completing the program have a sound knowledge of Latin grammar, vocabulary, semantics, and meter, and are familiar with classical rhetoric. They are familiar with the most important (traditional and digital) scholarly tools used in classical philology. In terms of methodology they have mastered the basics of specifically philological work (including textual criticism) and modern approaches to literary, cultural, and linguistic interpretation. They can analyze scientific data independently and critically question research opinions. They are practiced in presenting complex issues appropriately for the audience in question.

Main Language of Instruction: German

#### Career Prospects:

Das Lateinstudium bietet eine Fülle von Berufsperspektiven: An den Bachelor in Lateinischer Philologie schliesst sich in der Regel ein Master im gleichen Bereich an, der für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre auf dem Gebiet der Latinistik qualifiziert und auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen bildet. Ebenso eröffnen sich Tätigkeitsbereiche in Bibliotheken, Archiven, Verlagen, öffentlicher Verwaltung, Museen und anderen kulturellen Institutionen, Kulturmanagement und Medienarbeit.

### **Requirements:**

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: [studienfachberatung@sglp.uzh.ch](mailto:studienfachberatung@sglp.uzh.ch)

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### **Part of:**

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Slavonic Literatures and Linguistics

### Description:

#### General description:

The major in Slavonic Literatures and Linguistics provides a broad philological, cultural, and areal overview of the diversity of Slavic languages and literatures (including film, theater, art, and philosophy), also taking in their historical development. Those completing the study program are familiar with the terminology, conceptualization, theory and methodology of linguistics and literary studies. Besides the ability to analyze and critically reflect on linguistic structures, literary texts, and artistic works, they also practice techniques of scholarly work (research and presentation, handling linguistic data) and basic skills in one or two Slavic languages.

Main Language of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Bachelor-Studienprogramms «Slavische S und Literaturwissenschaft» zeichnen sich durch ihren analytischen Umgang Texten und interkulturellen Phänomenen sowie durch ihre Sprachkompetenz in einer oder mehreren slavischen Sprachen aus. Die im Bachelor erworbenen Fähigkeiten ermöglichen die Arbeit in zahlreichen Tätigkeitsfeldern in den Bereichen Medien und Verlage, Presse- und Öffentlichkeitsarbeit, in Kulturbetrieben, Verbänden und Stiftungen, in internationalen Firmen oder Institutionen sowie in Journalismus, Werbung und Tourismus.

### Requirements:

Branch of Study: Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Slavonic Languages and Literatures

Academic Advisor: studienberatung@slav.uzh.ch

Responsible Instructor: Sylvia Sasse

Coordination: Gianna Maria Giulia Frölicher

### Part of:

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Indian Studies

### Description:

#### General description:

Those completing the major in Indian Studies have fundamental knowledge and basic linguistic, methodological and analytical skills qualifying them to embark on advanced academic studies (a Master's) or a career related to the Indian subcontinent, one of the key regions of Asia. They have acquired a knowledge of the history of South Asia, of social and cultural structures and transformation processes, the literature, religion and philosophy, and current political, economic, and sociocultural developments on the basis of an approach that integrates the historical perspective, takes original-language sources and media (Hindi, Sanskrit, and Pali) as a basis, and raises awareness of issues of interculturality. In addition to technical and language skills, they acquire a basic knowledge of the methods of philology and the cultural, and social sciences, and the ability to work in a structured, scholarly manner.

Main Language of Instruction: German

#### Career Prospects:

Das Spektrum beruflicher Anwendungsgebiete ist aufgrund der erworbenen fachlichen und überfachlichen Kompetenzen breit und nicht auf den Kulturraum Südasien beschränkt. Es reicht von Aufgaben in Wissenschaft und Forschung über Tätigkeiten in Unternehmen, Organisationen und Behörden bis hin zu Aufgabenbereichen im Migrations- und Integrationsbereich, in Kultur und Bildung, im Tourismus, Journalismus oder in der Erwachsenenbildung.

### Requirements:

Branch of Study: South Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [ind.studies@aoi.uzh.ch](mailto:ind.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Eastern European Studies

### Description:

#### General description:

In addition to a knowledge of the methodologies of historical scholarship and Slavic studies, the study program in Eastern European Studies provides a fundamental knowledge of the history and politics, literature, culture, and languages of Eastern Europe. Students receive an introduction to scholarly work and are learn to do independent research and engage with the specialist literature. Those graduating from the program are able to understand and assess current and historical developments in Eastern Europe, and present them in a structured, differentiated fashion orally and in various types of text. They also learn at least one Eastern European language.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm führt zu Qualifikationen, die u. a. in folgenden Bereichen eingesetzt werden können: Medien, Journalismus, Verlags- und Übersetzungswesen, kulturelle Institutionen und Dienstleistungen, diplomatischer Dienst, Verwaltung, soziale Dienste und NGOs. Gesucht sind Absolventinnen und Absolventen auch von Unternehmen, die in Osteuropa tätig sind.

### Requirements:

Branch of Study: History, Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatungoes@hist.uzh.ch

Responsible Instructor: Sylvia Sasse

Coordination: Daniel Ursprung

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Art History

### Description:

#### General description:

The History of Art study program is concerned with artworks and their history from the early Christian period in Europe up to the globalized present-day, imparting sound subject knowledge in different artistic genres. Those completing the program are equipped to address works of art and their complex aesthetic, religious, political, social, and economic significance and function. Those who complete the History of Art major are qualified to work in a profession, particularly in museums (archives, education, or public relations), the art market (galleries and auction houses), journalism (press, radio, or TV), publishing or tourism; the program is also the initial qualification for an academic career.

Main Language of Instruction: German

### Requirements:

Branch of Study: Art History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Musicology

### Description:

#### General description:

Musicology examines music from a variety of perspectives to understand it in its historical, aesthetic, and cultural contexts. Those completing the program have acquired fundamental working techniques - scholarly practice, the theory of musical structure and form, analytical listening, etc. - and a broad knowledge of older and more recent music history, including the aesthetic, social, and cultural history aspects. They are able to do independent scholarly work on a subject and present their work in spoken and written form. They have the ability to apply historical and music analysis methods to specific topics and questions. They can also demonstrate a basic knowledge of professional practices in areas such as editing, project management, dramaturgy, etc.

Main Language of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Bachelor Major-Studienprogramms «Musikwissenschaft» sind aufgrund der erworbenen Kompetenzen für Tätigkeitsfelder in den Bereichen Medien (Presse, Musikverlage, Radio, Fernsehen), Kultur und Kulturmanagement, Musikproduktion sowie Bibliotheks- und Archivwesen qualifiziert. Das Institut bietet regelmäßig berufspraktische Veranstaltungen an und hilft bei der Vermittlung von Praktika.

### Requirements:

Branch of Study: Musicology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Musicology

Academic Advisor: studienberatung@mwi.uzh.ch

Responsible Instructor: Inga Mai Groote

Coordination: Esma Cerkovnik

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Film Studies

### Description:

#### General description:

The major in Film Studies imparts a basic knowledge of film analysis, history, and theory. It trains students to reflect critically on the specialized knowledge they have acquired and engage with a variety of approaches and methods to understand films as artistic and popular forms of expression in a cultural and media context. From working with aesthetic and historical approaches to film and the cinema, candidates go on to address their own questions and do their own scholarly research. Parallel to this there are various offerings providing an insight into areas of film culture and practice.

Main Language of Instruction: German

### Requirements:

Branch of Study: Theatre, dance and film studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Film Studies

Academic Advisor: jsahli@fiwi.uzh.ch

Responsible Instructor: Daniel Johannes Wiegand

Coordination: Matthias Brüttsch

### Part of:

Bachelor of Arts (RVO19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Philosophy

### Description:

#### General description:

Philosophy is concerned with the fundamental questions of human existence. By considering human beings as sentient, thinking, and cognizant beings and as social, political, and acting subjects, philosophy reflects on the fundamentals and conditions not only of science, the mind, and language, but of society and culture. Besides a knowledge of the history of philosophy (from antiquity and the Middle Ages to the early modern period and the 19th and 20th centuries), the study covers key concepts, problems, and theories from various areas of contemporary philosophy (logic and the philosophy of science, metaphysics, cognitive theory, the philosophy of language, philosophy of mind, general and applied ethics, political philosophy, and aesthetics).

Main Language of Instruction: German

#### Career Prospects:

Die Studierenden der Philosophie erwerben Fähigkeiten, die sie in zahlreichen Berufsfeldern einbringen können. Zu den im Studium erworbenen Kompetenzen gehören eine hohe Analyse- und Reflexionskompetenz, ein ausgeprägtes methodologisches Bewusstsein, ausgebildete sprachliche, kommunikative, hermeneutische und argumentative Fähigkeiten sowie die Fähigkeit und Bereitschaft, Gegebenes kritisch zu hinterfragen. Absolventinnen und Absolventen der Philosophie findet man entsprechend in den verschiedensten Bereichen: an Gymnasien und Universitäten, in der Kultur und der Politik, zum Beispiel als Kulturmanager oder Diplomatinen. Sie sitzen in Ethikkommissionen ein, beraten Unternehmen und Parteien, sie engagieren sich in NGOs, arbeiten als Medienschaffende, als Lektoren in Verlagen oder als Analytistinnen in Banken und Versicherungen.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Philosophy

Academic Advisor: [studienberatung@philos.uzh.ch](mailto:studienberatung@philos.uzh.ch)

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert

### Part of:

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Popular Culture Studies

### Description:

#### General description:

The Popular Cultural Studies program is dedicated to culture in daily life, including the literatures and media present in people's everyday lives. An interdisciplinary subject at the interface of the humanities and social sciences, cultural studies draws on their theories and works primarily with qualitative methods. The study program equips students for work in cultural, literary, and media analysis. It helps create an understanding of cultural and social phenomena, and enables scholarly engagement and practical application.

Students acquire expertise in culture mediation and transfer,

Main Language of Instruction: German

#### Career Prospects:

Bewährte Arbeitsfelder sind: Medien, Verlagswesen, Kulturmanagement, Öffentlichkeitsarbeit, Museum und Ausstellungspraxis, Bildungs- und Vermittlungsarbeit, Sozialberatung, Betriebskultur, Marktforschung, Tourismus. Das Bachelorstudium Populäre Kulturen qualifiziert für den konsekutiven Master «Empirische Kulturwissenschaft» sowie (mit Auflagen oder Bedingunge weitere Masterprogramme.

### Requirements:

Branch of Study: Communication and Media Studies, Social and Cultural Anthropology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Social Anthropology and Cultural Studies

Academic Advisor: pk-bachelor@isek.uzh.ch

Responsible Instructor: Moritz Peter Ege

Coordination: Mischa Elias Gallati Zimmermann

### Part of:

Bachelor of Arts in Social Sciences (RVO 19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Political Science

### Description:

#### General description:

Political science deals with political decisionmaking processes and social dynamics, as well as the underlying structures of power and domination. The major in Political Science teaches the fundamentals of political systems and theories and introduces students to empirical social research. Those completing the program have in-depth political science and methodological expertise and can apply quantitative and qualitative research methods. They understand scientific texts, can critically analyze and classify them, are able to write smaller-scale political science texts and essays, and present content in an appropriate manner to a specialist audience and informed laypeople. Graduates with a Bachelor's degree are qualified for work at the interfaces of science business, media, international relations, public administration, education, government, and public service.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Political Science

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Political Science

Academic Advisor: studhelp@ipz.uzh.ch

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

### Part of:

Bachelor of Arts in Social Sciences (RVO 19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Social Anthropology

### **Description:**

#### General description:

The Social Anthropology program is devoted to the study of cultures and societies. The major teaches an understanding of the environmental, economic, political, legal, social, and cultural dimensions of human coexistence in all its multifacetedness and historical variability. Central to the discipline is the empirical, comparative social, theoretically reflective analysis of areas including everyday practices, economic and social transformation processes, cultural systems of meaning and religious movements, conflicts, and the organizational forms of cooperation for the purposes of development. Those completing the program are able to work scientifically, have a knowledge of social anthropology, and are familiar with the history of the subject and selected regions of the world. They can quickly get to grips with new contexts, take a critical, questioning approach to issues, understand the systematic character of these issues, and act appropriately in complex contexts.

Main Language of Instruction: German

#### Career Prospects:

Ethnologinnen und Ethnologen arbeiten nach dem Studium z.B. in der Wissenschaft und in Museen, in der Entwicklungszusammenarbeit, in internationalen Organisationen, in Nicht-Regierungsorganisationen, in der öffentlichen Verwaltung, in Verbänden, in den Medien, in Verlagen, in der Unternehmensberatung oder im Kulturmanagement.

### **Requirements:**

Branch of Study: Social and Cultural Anthropology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Social Anthropology and Cultural Studies

Academic Advisor: Olivia Killias

Responsible Instructor: Ann Elisabeth Derks

Coordination: Jan Patrick Heiss

### **Part of:**

Bachelor of Arts in Social Sciences (RVO 19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Sociology

### **Description:**

#### General description:

The Sociology study program imparts a knowledge of the basic terms and fields of the discipline, and general sociological theories. It provides an introduction to empirical social research and the techniques of scholarly work, geared to current, highly versatile sociological methodologies for capturing and evaluating data. A diverse course offering gives students the opportunity to choose their own individual focus within the areas of research and study covered by the Institute of Sociology. In acquiring the relevant expertise they are particularly encouraged to develop the capacity to think independently along analytical and conceptual lines to resolve research problems. Those completing the program are able to analyze structures and processes guided by theory and use empirical methods to examine them.

Main Language of Instruction: German

### **Requirements:**

Branch of Study: Sociology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Sociology

Responsible Instructor: Jörg Rössel

Coordination: Bettina Isengard

### **Part of:**

Bachelor of Arts in Social Sciences (RVO 19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Psychology

### Description:

#### General description:

Psychology is an empirical science that endeavors to describe, explain, and subject to certain conditions predict the behavior and experiences of people as individuals and in groups. It is concerned with the development of human beings over their life span, considering the internal and external conditions of normal or pathological development. Those completing the major in Psychology have acquired a basic knowledge and the ability to think methodologically and scientifically. The study program covers the following subjects: general psychology (cognition, motivation, and emotion), social, organizational, and business psychology, clinical psychology and psychopathology, neuropsychology, developmental psychology, personality psychology, diagnosis, and statistics and methodology. A Bachelor's degree with a major in Psychology qualifies the candidate for admission to a Master's degree in Psychology as a profession qualification.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Psychology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Psychology

Responsible Instructor: Klaus Oberauer

Coordination: Heike Dele Bull

### Part of:

Bachelor of Science in Psychology (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Italian Literature and Linguistics

### **Description:**

#### General description:

The study program provides a fundamental grounding in both literature and linguistics. Those completing it have a solid basic knowledge in the following areas: history, theory and methods of textual and cultural analysis, techniques of narratology, meter, rhetoric, and philology for working with texts; the linguistic structure of Italian and the Italo-Romance dialects of Latin up to the present day and in the most important problem areas of grammar, phonetics, and lexicography. They acquire in-depth methodological skills for critically dealing with complex linguistic discourses, are familiar with historically relevant and new digital research tools, can produce flawless bibliographies, and communicate scientific and scholarly knowledge. Non-native speakers improve their Italian language skills to C1 level or higher.

Main Language of Instruction: Italian

#### Career Prospects:

Il Bachelor in Linguistica e Letteratura italiana offre stimolanti prospettive di carriera. Il percorso di studi permette innanzitutto l'accesso alla laurea specialistica (Master) o alla formazione per docenti a Zurigo (Lehrdiplom für Maturitätsschulen per l'italiano come prima o seconda materia di insegnamento o in Ticino (Master of Arts SUPSI in Insegnamento per il livello secondario I).

Le competenze acquisite sono però anche trasferibili e altamente richieste in numerose professioni e in diversi ambiti del settore terziario (economia; turismo; editoria; media; istituzioni culturali tra cui biblioteche, archivi e musei; organizzazioni internazionali; gestione delle risorse umane; professioni nel campo delle arti e in agenzie di comunicazione e uffici stampa; mediazione linguistica e culturale; ecc.). A partire dal Master sono inoltre previsti a livello curricolare degli stage formativi (Praktika).

### **Requirements:**

Branch of Study: Italian Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### **Part of:**





**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Science Faculty of Science (2021)

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Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Romansh Literature and Linguistics

### Description:

#### General description:

Those completing the program have a basic knowledge of literary studies (history of literature, text corpora of the five written idioms, narratology and other theories and methods of textual analysis, intertextuality, literary multilingualism, linguistic and cultural contact) and linguistics (history of language, sociolinguistics, contact linguistics, dialectology, language policy and planning, and minority sociology). The goal is to be able to set their own areas of research focus at Master's level. Those completing the program have good spoken and written skills in at least one written idiom, an active knowledge of Rumantsch Grischun (Graubünden Romansh), and a passive knowledge of the other idioms. Those completing the program can produce bibliographies, are familiar with the relevant handbooks and online resources, take a critical approach to secondary literature, and have technical skills in the communication of knowledge.

Main Language of Instruction: Rhaeto-Romance

Further Languages of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Bachelor Studienprogramms «Rätoromanis Sprach- und Literaturwissenschaft» eröffnen sich Berufsfelder, in denen vertiefte Kenntnisse des Rätoromanischen, analytisches Denken und gute Schreibkompetenzen erforderlich sind, z.B. Sekundarschulunterricht, Sprach- und Kulturvermittlung, Sprach- und Kulturpolitik, Journalismus, Verlags- und Bibliothekswesen sowie Privatwirtschaft. Der Bachelorabschluss ist ausserdem Voraussetzung für weiterführende akademische Qualifikationen (z.B. ein Masterstudium).

### Requirements:

Branch of Study: Rhaeto-Romanic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl



**Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

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Bachelor of Science in Psychology (RVO19)

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Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Comparative Romance Linguistics

### Description:

#### General description:

Those completing the program have acquired language skills at graduated levels (A1 to C2) in a number of selected individual Romance languages; in these languages they also have a basic knowledge of the external and internal history of the language from Latin to the present day and of the levels of linguistic structuring, language structure and usage. Beyond this they have a basic knowledge of the emergence of the Romance languages and the most important trends in the development of the Romance languages, their parallels and differences. Those completing the program can produce bibliographies, are familiar with the relevant handbooks and analytical tools, take a critical approach to secondary literature, and have technical skills in the communication of knowledge.

Main Language of Instruction: French

Further Languages of Instruction: Italian, Spanish

#### Career Prospects:

Absolventinnen und Absolventen des Studienprogramms «Vergleichende Romani Sprachwissenschaft» beherrschen mehrere romanische Sprachen und sind Experte im Bereich Kommunikation und interkulturelle Vermittlung. Sie haben gelernt, komplexe Strukturen zu analysieren und verfügen über Methodenkenntnisse, die auf zahlreiche Fragestellungen übertragbar sind. Damit bringen sie Voraussetzungen für zahlreiche berufliche Tätigkeiten mit, so im Kulturwesen (Museen, Kulturinstitutionen, internationale Organisationen); in Bibliotheken, Mediatheken und Archiven; in den Medien (Presse, Radio, Fernsehen, Online-Portale); in internationalen Organisationen; in der Privatwirtschaft bei international tätigen Unternehmen; überall da, wo romanische Vielsprachigkeit gefragt ist; für die Vermittlung romanischer Sprachen in der Erwachsenenbildung und im privaten Bildungssektor sowie - nach entsprechender weiterer Ausbildung - in Schulen; und nicht zuletzt: sie haben die Voraussetzung zur weiteren wissenschaftlichen Ausbildung im Rahmen eines Masterstudiums, das weitere Perspektiven eröffnet und u.a. für Tätigkeiten in linguistischen Forschungsinstitutionen und Universitäten qualifiziert.

### Requirements:

Branch of Study: Linguistics

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch



Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

**Part of:**

Bachelor of Science Faculty of Science (2021)

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Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Greek Philology

### Description:

#### General description:

This study program is an exemplary introduction to the rich world of Ancient Greek literature and culture, which still resonates so powerfully today. Those completing the program have a sound knowledge of Ancient Greek grammar, vocabulary, semantics, and meter, and are familiar with classical rhetoric.

They are familiar with the most important (traditional and digital) scholarly tools used in classical philology. In terms of methodology they have mastered the basics of specifically philological work (including textual criticism) and modern approaches to literary, cultural, and linguistic interpretation. They can analyze scientific data independently and critically question research opinions. They are practiced in presenting complex issues appropriately for the audience in question. In general they have adopted intellectual curiosity, stamina, meticulous accuracy and the courage to indulge in old-fashioned creative thinking as fundamental attitudes and key qualifications.

Main Language of Instruction: German

#### Career Prospects:

An den Bachelor in Griechischer Philologie schliesst sich in der Regel ein Master im gleichen Bereich an, der für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre auf dem Gebiet der Gräzistik qualifiziert und auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen bildet. Wegen des Erwerbs überfachlicher Kompetenzen (wie Genauigkeit, Ausdauer und Selbstständigkeit) eröffnen sich weitere Tätigkeitsbereiche wie Bibliotheken, Archive, Verlage, öffentliche Verwaltung, Museen und andere kulturelle Institutionen, Banken, Versicherungen, Journalismus, Verlagswesen, Kulturmanagement und Medienarbeit im weiteren Sinne, internationale Organisationen, Tourismus, Diplomatie.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Latin Philology

### Description:

#### General description:

This study program is an introduction to the incredibly rich world of Latin literature and culture, which still resonates so powerfully today. Those completing the program have a sound knowledge of Latin grammar, vocabulary, semantics, and meter, and are familiar with classical rhetoric. They are familiar with the most important (traditional and digital) scholarly tools used in classical philology. In terms of methodology they have mastered the basics of specifically philological work (including textual criticism) and modern approaches to literary, cultural, and linguistic interpretation. They can analyze scientific data independently and critically question research opinions. They are practiced in presenting complex issues appropriately for the audience in question.

Main Language of Instruction: German

#### Career Prospects:

Das Lateinstudium bietet eine Fülle von Berufsperspektiven: An den Bachelor in Lateinischer Philologie schliesst sich in der Regel ein Master im gleichen Bereich an, der für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre auf dem Gebiet der Latinistik qualifiziert und auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen bildet. Ebenso eröffnen sich Tätigkeitsbereiche in Bibliotheken, Archiven, Verlagen, öffentlicher Verwaltung, Museen und anderen kulturellen Institutionen, Kulturmanagement und Medienarbeit.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)





**Universität  
Zürich**<sup>UZH</sup>

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Slavonic Literatures and Linguistics

### Description:

#### General description:

The minor in Slavonic Literatures and Linguistics provides a broad philological, cultural, and areal overview of the diversity of Slavic languages and literatures (including film, theater, art, and philosophy), also taking in their historical development. Those completing the study program are familiar with the terminology, conceptualization, theory and methodology of linguistics and literary studies. Besides the ability to analyze and critically reflect on linguistic structures, literary texts, and artistic works, they also practice techniques of scholarly work (research and presentation, handling linguistic data) and basic skills in one or two Slavic languages.

Main Language of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Bachelor-Studienprogramms «Slavische S und Literaturwissenschaft» zeichnen sich durch ihren analytischen Umgang Texten und interkulturellen Phänomenen sowie durch ihre Sprachkompetenz in einer oder mehreren slavischen Sprachen aus. Die im Bachelor erworbenen Fähigkeiten ermöglichen die Arbeit in zahlreichen Tätigkeitsfeldern in den Bereichen Medien und Verlage, Presse- und Öffentlichkeitsarbeit, in Kulturbetrieben, Verbänden und Stiftungen, in internationalen Firmen oder Institutionen sowie in Journalismus, Werbung und Tourismus.

### Requirements:

Branch of Study: Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Slavonic Languages and Literatures

Academic Advisor: studienberatung@slav.uzh.ch

Responsible Instructor: Sylvia Sasse

Coordination: Gianna Maria Giulia Frölicher

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich<sup>UZH</sup>**

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Indian Studies

### Description:

#### General description:

Those completing the minor in Indian Studies have added a South Asian profile to their major and have acquired fundamental knowledge and basic linguistic and analytical skills qualifying them to embark on advanced academic studies (a Master's) or a career related to the Indian subcontinent, one of the key regions of Asia. They have acquired a knowledge of the history, social and cultural structures and transformation processes, the literature, religion and philosophy, and current political, economic, and sociocultural developments on the basis of an approach that integrates the historical perspective, takes original-language sources and media (Hindi, Sanskrit, and Pali) as a basis, and raises awareness of issues of interculturality. Students acquire language skills giving them direct access to historical sources, contemporary media, and current debates.

Main Language of Instruction: German

#### Career Prospects:

Die Berufswahl wird sich in erster Linie am gewählten Major-Studienprogramm ausrichten. Durch den Minor «Indologie» kann sich aber bei entsprechender Kombination eine deutliche Erweiterung der Optionen ergeben. Das Spektrum beruflicher Anwendungsgebiete von Südasienskompetenz ist nämlich breit und reicht von Aufgaben in Wissenschaft und Forschung über Tätigkeiten in Unternehmen, Organisationen und Behörden bis hin zu Aufgabenbereichen im Migrations- und Integrationsbereich, in Kultur und Bildung, im Tourismus, Journalismus oder in der Erwachsenenbildung.

### Requirements:

Branch of Study: South Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: ind.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Mobility Exams

**Description:**

**Requirements:**

**Organization:**

Organization: Faculty of Law

Responsible Instructor:

Coordination:

**Part of:**

Further Courses



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Religions in the Ancient World

### **Description:**

#### General description:

The Bachelor's degree program in History of Ancient Religions utilizes a philological-historical approach to impart knowledge to students about the religions, texts, and historical connections and correlations in the ancient world.

The program offers three areas of specialization:

a) Ancient Middle East and Old Testament

b) Ancient Judaism

c) Ancient Christianity. The languages

necessary for the study of the source(s) depend on the specialization chosen.

### **Requirements:**

Branch of Study: Study of Religions

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### **Organization:**

Major/Minor-Combinations: A minor in History of Ancient Religions can basically be combined with any major study program at the University of Zurich (exception: Major program in Theology 120 ECTS credits)

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Konrad Schmid

### Coordination:

### **Part of:**

Bachelor of Science Faculty of Science (2021)

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biblical Studies

### Description:

#### General description:

The Bachelor's degree program in Biblical Studies as a minor program of st offers an introduction to the literary, religious, and theological history of the Bible within the context of antiquity. The program, which consists of 60 ECTS credits, provides basic knowledge on the methodologies employed for scholarly interpretations of the Bible. It also addresses the content, structure and genesis of the Bible, the manner in which such texts were passed down through the ages, and the impact biblical texts have had throughout history. The program enables participants to study the Bible from a historically enlightened and critical perspective, and also includes instruction in the biblical languages of Ancient Hebrew and Ancient Greek.

### Requirements:

:

Lateinkenntnisse auf Stufe Maturität oder dieser gleichwertig werden für den Bachelorstudiengang vorausgesetzt. Über die Anerkennung entscheidet die Studienkommission Theologie auf Antrag. Studierende, die über keine Lateinkenntnisse verfügen, können diese im Verlauf des Bachelorstudiums erwerben und sich die entsprechende Anzahl ECTS Credits im Wahlbereich anrechnen lassen.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Major/Minor-Combinations: A minor in Biblical Studies can basically be combined with any major study program at the University of Zurich (exception: major program in Theology 120 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Stefan Krauter

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

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Bachelor of Theology UZH Bologna 2020





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 History of Christianity

### Description:

#### General description:

The Bachelor's degree program in History of Christianity as a minor progra study provides an overview of the history of Christianity that includes an illustrative in-depth review of various historical eras. The program, which also teaches students scholarly techniques for utilizing sources on the history of Christianity in a reflective manner, includes instruction Ancient Greek, which is an important language for the study of the history of Christianity.

### Requirements:

:

Lateinkenntnisse auf Stufe Maturität oder dieser gleichwertig werden für das Bachelorstudienprogramm vorausgesetzt. Über die Anerkennung entscheidet die Studienkommission Theologie auf Antrag. Studierende, die über keine Lateinkenntnisse verfügen, können diese im Verlauf des Bachelorstudiums erwerben und sich die entsprechende Anzahl Kreditpunkte im Wahlbereich anrechnen lassen.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Major/Minor-Combinations: A minor in History of Christianity can basically be combined with any major study program at the University of Zurich (exception: major program in Theology 120 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Tobias Jammerthal

### Coordination:

#### **Part of:**

Bachelor of Science Faculty of Science (2021)

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Hebrew Language and Literature

### Description:

#### General description:

The Bachelor's degree program in Hebrew Language and Literature as a minor program of study imparts basic knowledge of the Hebrew language and Hebrew literature with a focus on the Hebrew Bible and its religious, cultural, and language-history context. Along with the acquisition of basic philological, literary, and historical knowledge, students also learn to interpret texts in a methodological manner and to work independently (but with guidance) with textual sources and secondary literature.

### Requirements:

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Major/Minor-Combinations: A minor in Hebrew Language and Literature can basically be combined with any major study program at the University of Zurich (exception: major program in Theology 120 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Thomas Krüger

#### Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Hermeneutics

### Description:

#### General description:

The Bachelor's degree program in Hermeneutics as a minor program of study introduces students to the most important issues relating to the theory of interpretation and understanding. It also offers an overview of the main phases of the historical development of the discipline of hermeneutics, as well as current positions and debates in the field. Methods of exegesis and interpretation are critically analyzed in terms of their presuppositions and implications. This aspect is particularly addressed through interdisciplinary discussions with subject areas that make extensive use of interpretation (e.g. theology, religious studies, philosophy, literature, history, law), as well as through an analysis of the methodologies used in empirical research in various disciplines.

### Requirements:

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Major/Minor-Combinations: A minor in Hermeneutics can basically be combined with any major study program at the University of Zurich.

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Christiane Tietz

### Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Study of Religions

### Description:

#### General description:

The Bachelor's degree program in Religious Studies as a minor program of study is designed as a wide-ranging scholarly introduction to the historical and contemporary relationships between religion, culture, and society. The core curriculum for this program at the University of Zurich is divided into three pillars that complement one another in terms of methodology and subject matter.

These pillars involve the study of religions from a historical-comparative, social science, and systematic-theoretical perspective. Here, basic courses impart knowledge of various religious traditions, while proseminars offer an introduction to the theories and methods employed in the study of religions. Lectures and seminars address the transformation of the meaning and function of religion throughout history and in the present day. The minor program can be combined with a major program of study offered by the Faculty of Theology and the Study of Religion or another faculty.

### Requirements:

Branch of Study: Study of Religions

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Major/Minor-Combinations: A minor in Religious Studies can basically be combined with any major program of study at the University of Zurich (exception: major program in Religious Studies).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Systematic and Practical Theology

### **Description:**

#### General description:

The Bachelor's degree program in Systematic-Practical Theology as a minor program of study addresses the two theological subject areas in which the relevance of the Christian faith for the present day is explicitly examined. The program offers students the opportunity to acquire basic knowledge of the two disciplines and the methodological approaches they employ. The most important areas of activity are addressed in the program: The intellectual debate (dogmatics), social activity (ethics, diaconical work), religious service speeches and celebrations (homiletics, liturgy), pedagogical approaches (religious education, catechesis), spiritual care and counseling, and leadership in churches and parishes. Special attention is paid in the program to systematic-practical interdisciplinarity.

### **Requirements:**

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### **Organization:**

Major/Minor-Combinations: A minor in Systematic-Practical Theology can basically be combined with any major study program at the University of Zurich (exception: major program in Theology 120 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Christiane Tietz

Coordination:

### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Theology

### **Description:**

#### General description:

The Bachelor's degree program in Theology as a major program of study involves a wide-ranging scholarly reflection of Christianity in terms of both its biblical foundations and its historical and contemporary manifestations in culture, society, and the church. In this respect, it serves as an introduction to the basic disciplines of theology, addressing everything from the interpretation of biblical texts to the study of the history of Christianity, the review of various dogmatic interconnections, and the examination of ethical implications and ecclesiastical practices from a contemporary perspective. The program also includes instruction in a biblical language (Ancient Hebrew or Ancient Greek). The major program of study consists of 120 ECTS credits. The program is completed with a Bachelor's thesis.

### **Requirements:**

:

Lateinkenntnisse auf Stufe Maturität oder dieser gleichwertig werden für den Bachelorstudiengang vorausgesetzt. Über die Anerkennung entscheidet die Studienkommission Theologie auf Antrag. Studierende, die über keine Lateinkenntnisse verfügen, können diese im Verlauf des Bachelorstudiums erwerben und sich die entsprechende Anzahl ECTS Credits im Wahlbereich anrechnen lassen.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### **Organization:**

Major/Minor-Combinations: A major in Theology can basically be combined with any minor study program at the University of Zurich (with the exception of the following minor programs: Biblical Studies, 60 ECTS credits; History of Christianity, 60 ECTS credits; Hebrew Language and Literature, 60 ECTS credits; History of Ancient Religions, 60 ECTS credits; Systematic-Practical Theology, 60 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Konrad Schmid

Coordination:

### **Part of:**

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Study of Religions

### Description:

#### General description:

The Master's degree program in Religious Studies as a major program of study is designed to expand students' knowledge and competence in the area of religious studies, with a focus on research. The core curriculum addresses current topics in religious studies and allows for targeted and individual specialization in historical-comparative, social scientific, or systematic-theoretical religious studies. The main component of the program involves independent research culminating in a student project or a more extensive project completed in the

Department of Religious Studies. The major program in Religious Studies can be combined with a minor program of study offered by the Faculty of Theology and the Study of Religion or another faculty. The program consists of 90 ECTS credits, which (when combined with a minor program of 30 ECTS credits) corresponds to two years of full-time study. Students complete the program of study by writing a Master's thesis.

### Requirements:

:

Bachelor's degree with a specialization in Religious Studies as at least a minor program of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon sp review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Depending on the specialization chosen, this applies particularly to language proficiency and knowledge of methodology.

Admission without additional requirements is granted if the applicant has obtained a Bachelor's degree in Religious Studies as a major or minor prog of study in the Faculty of Theology at the University of Zurich, or has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. Specification of requirements: Admission to the consecutive Master's degree program in Reli Studies as a major program of study requires the applicant to have knowledge of religious traditions, whereby at 12 ECTS credits need to have been earned in this area. In addition, students need to have completed coursework in historical and comparative religious studies, social scientific religious studies, and systematic-theoretical religious studies, whereby at least 12 ECTS credits need to have been earned in each area. Students who choose a specialization with a historic-comparative focus or a focus on social sciences need to have obtained the language proficiency and knowledge of methodology required in each case, whereby at least 12 ECTS credits need to have been earned.

Branch of Study: Study of Religions

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: A major in Religious Studies can basically be combined with any minor study program at the University of Zurich (exception: minor program in Religious Studies).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

### Part of:

Master of Arts UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Religions in the Ancient World

### Description:

#### General description:

The Master's degree program in History of Ancient Religions utilizes a philological-historical approach to impart more extensive knowledge to students about the religions, texts, and historical connections and correlations in the ancient world. The program offers three areas of specialization that pick up where the corresponding BA areas left off: a) Ancient Middle East and Old Testament, b) Ancient Judaism, c) Ancient Christianity.

### Requirements:

:

Bachelor's degree with a specialization in theology or religious studies as at least a minor program of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization

but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon special review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Admission without additional requirements is granted if the applicant has a Bachelor's degree in

History of Ancient Religions with the same area of specialization as in the minor program of study, or a Bachelor's degree in Religious Studies as a major or minor program of study (provided proficiency in two relevant source text languages can be proved), or a Bachelor's degree in Theology as a major or single major from the Faculty of Theology and Study of Religion at the University of Zurich, or if

the applicant has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology and Study of Religion. Admission to the consecutive Master's degree program in History of

Ancient Religions as a minor program of study requires the applicant to have knowledge of two of the languages relevant to the selected area of concentration, whereby 12 ECTS credits need to have been earned for each language. Applicants must also have completed at least 6 ECTS credits in Religious Studies and must have knowledge in the fields relevant to the selected area of concentration, whereby at least 18 ECTS credits need to have

been earned here. The area of specialization can be changed from the one pursued in the Bachelor's program if the proficiency demonstrated in the source-text languages allows for this, or if 12 ECTS credits from the Elective Pool are applied to courses in an additional source-text language.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: The minor program of study in History of Ancient Religions (30 ECTS credits) cannot be combined with the major program of study in Theology (90 ECTS credits). If the minor program is combined with Religious Studies as a major program, modules common to both programs will be applied to the minor; the Elective Pool in the major will be increased by the corresponding number of ECTS credits. In all other cases, it is basically possible to combine the major program of study in History of Ancient Religions with any minor study program at the University of Zurich.

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Konrad Schmid

Coordination:



**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biblical Studies

### **Description:**

#### General description:

The Master's degree program in Biblical Studies as a minor program of study addresses the literary, religious, and theological history of the Bible within the context of antiquity. The program expands participants' knowledge of the genesis, theology, and impact of biblical texts and the methodology employed for scholarly interpretations of the Bible.

### **Requirements:**

:

Bachelor's degree with a specialization in theology as at least a minor program of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon special review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Admission without additional requirements is granted if the applicant has a Bachelor's degree in Biblical Studies as a program of study, a Bachelor's degree in Theology as a major or single major from the Faculty of Theology at the University of Zurich, or if the applicant has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology.

Specification of requirements: Admission to the consecutive Master's degree program in Biblical Studies as a minor program of study requires the applicant to have knowledge of Ancient Greek and Ancient Hebrew, whereby 12 ECTS credits need to have been earned for each language. Applicants must also have basic knowledge of biblical studies, with a total of 27 ECTS credits earned.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### **Organization:**

Major/Minor-Combinations: The minor program of study in Biblical Studies (30 ECTS credits) cannot be combined with the major program of study in Theology (90 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Stefan Krauter

Coordination:

### **Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 History of Christianity

### Description:

#### General description:

The Master's degree program in History of Christianity expands participants' knowledge of selected eras and content. The program enables students to conduct their own scholarly examination of the history of Christianity on the basis of sources and also allows them to form their own judgments, while also taking into account the current state of research.

### Requirements:

:

Bachelor's degree with a specialization in theology as at least a minor pr of study with 60 ECTS credits. Admission with restrictions is granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor&a degree with the required specialization or do not possess sufficient knowledge may be granted admission with restrictions. Admission without additional requirements is granted if the applicant has a Bachelor's degree in Histor Christianity as a minor program of study, a Bachelor's degree in Theology major or single major, or if the applicant has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. Specification of requirements: Proficiency in Ancient Greek and Latin, with at least 12 ECTS credits earned for each language; in addition, knowledge of ancient (antiquity and Middle Ages) and modern (Reformation and Modern Age) ecclesiastical history, with a total of 33 ECTS credits, whereby a minimum of 12 ECTS credits each need to have been earned for ancient and modern ecclesiastical history.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: A minor in History of Christianity can basically be combined with any major study program at the University of Zurich (exception: major program in Theology 90 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Tobias Jammerthal

Coordination:

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Hebrew Language and Literature

### Description:

#### General description:

The Master's degree program in Hebrew Language and Literature as a minor program of study is designed to expand the knowledge gained in the Bachelor's program of the Hebrew language and Hebrew literature in their religious, cultural, and language-history context. The focus here is on the expansion of knowledge of the Hebrew language and relevant source texts and the improvement of students' ability to analyze and interpret texts independently, while taking into account relevant secondary literature.

### Requirements:

:

Bachelor's degree with a specialization in theology as at least a minor program of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon special review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Admission without additional requirements is granted if the applicant has obtained a Bachelor's degree in Hebrew Language and Literature as a minor program of study, or a Bachelor's degree in Theology as a major or single major in the Faculty of Theology at the University of Zurich, or has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. Specification of requirements: Proficiency in Hebrew (12 ECTS credits) and an additional Semitic language or several other Semitic languages (9 ECTS credits), as well as knowledge of the theory and methodology of interpretation of ancient Hebrew texts, Hebrew philology, Hebrew source texts, and the genesis and historical background of the Old Testament (total of 30 ECTS credits).

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: A minor in Hebrew Language and Literature can basically be combined with any major study program at the University of Zurich (exception: major program in Theology 90 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Thomas Krüger

### Coordination:

#### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Hermeneutics

### Description:

#### General description:

The minor program of study in Hermeneutics offers students the opportunity to expand their knowledge of the theory of interpretation and understanding and develop their own expertise with regard to hermeneutic questions. This aspect is particularly addressed through interdisciplinary discussions with subject areas that make extensive use of interpretation (e.g. theology, religious studies, philosophy, literature, history, law), as well as through an analysis of the methodologies used in empirical research in various disciplines.

### Requirements:

:

Bachelor's degree with a specialization in theology as at least a minor pr of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor&a degree with the required specialization may be admitted upon special review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Admission without additional requirements is granted if the applicant has obtained a Bachelor's degree in Hermeneutics minor program of study in the Faculty of Theology at the University of Zurich, or has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology.

Specification of requirements: Admission to the consecutive Master's degree program in Hermeneutics as a minor program of study requires the applicant to have knowledge of basic questions of hermeneutics (18 ECTS credits), as well as knowledge of disciplinary hermeneutics (12 ECTS credits).

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: A minor in Hermeneutics can basically be combined with any major study program at the University of Zurich.

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Christiane Tietz

Coordination:

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Study of Religions

### Description:

#### General description:

The Master's degree program in Religious Studies as a minor program of study is designed to expand students' knowledge and competence in the area of religious studies. The minor program can be combined with a major program of study offered by the Faculty of Theology and Study of Religion or another faculty. The Master's degree program in Religious Studies as a minor program of study consists of 30 ECTS credits, which (when combined with a major program of 90 ECTS credits) corresponds to two years of full-time study.

### Requirements:

:

Bachelor's degree with a specialization in Religious Studies as at least a minor program of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon sp review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Admission without additional requirements is granted if the applicant has obtained a Bachelor's degree in Religious Studies as a major or minor program of study in the Faculty of Theology at the University of Zurich, or has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. Specification of requirements: Admission to the consecutive Master's degree program in Religious Studies as a minor program of study requires the applicant to have knowledge of religious traditions, whereby at 12 ECTS credits need to have been earned in this area. In addition, students need to have completed coursework in historical and comparative religious studies, social scientific religious studies, and systematic-theoretical religious studies, whereby at least 12 ECTS credits need to have been earned in each area.

Branch of Study: Study of Religions

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: A minor in Religious Studies can basically be combined with any major study program at the University of Zurich (exception: Major program in Religious Studies).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

### Coordination:

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Systematic and Practical Theology

### Description:

#### General description:

The minor program in Systematic-Practical Theology offers students the opportunity to expand their knowledge of systematic and practical theology. The most important areas of activity are addressed in the program: The intellectual debate (dogmatics), social activity (ethics, diaconical work), religious service speeches and celebration (homiletics, liturgy), education in the church and society (religious education, catechesis), spiritual care and counseling, and leadership in churches and parishes. Special attention is paid in the program to systematic-practical interdisciplinarity.

### Requirements:

:

Bachelor's degree with a specialization in theology as at least a minor pr of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor&a degree with the required specialization may be admitted upon special review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Admission without additional requirements is granted if the applicant has a Bachelor's degree in Systematic-Practical Theology as a minor program of study, a Bachelor's degree in Theology as a major or single major from the Faculty of Theology at the University of Zurich, or if the applicant has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. Specification of requirements: Admission to the consecutive Master's degree program in Systematic-Practical Theology as a program of study requires the applicant to have knowledge of systematic theology and practical theology (18 ECTS credits each).

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: A minor in Systematic-Practical Theology can basically be combined with any major study program at the University of Zurich (exception: Major program in Theology 90 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Christiane Tietz

### Coordination:

#### **Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Theology

### Description:

#### General description:

The Master's degree program in Theology as a major program of study involves wide-ranging scholarly presentation and reflection of Christianity in terms of both its biblical foundations and its historical and contemporary manifestations in culture, society, and the church. In this sense, the Master's degree program in Theology as a major program of study offers students the opportunity to expand their knowledge of the basic disciplines of theology in order to develop their own expertise with regard to exegesis, ecclesiastical history, systematic and practical theology. The major program of study in Theology consists of 90 ECTS credits. To complete the program, participants submit a Master's thesis.

### Requirements:

:

Bachelor's degree with a specialization in theology (major program of study, 120 ECTS credits). Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon special review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Admission without additional requirements is granted if the applicant has obtained a Bachelor's degree in Theology as a single major or major program of study in the Faculty of Theology at the University of Zurich, or has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. The specification of requirements for admission to the Master's degree program Theology (90 ECTS credits) as a major program of study is based on the Bachelor's program in Theology as a major program of study (120 ECTS credits) offered by the Faculty of Theology at the University of Zurich.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Major/Minor-Combinations: A major in Theology can basically be combined with any minor study program at the University of Zurich (with the exception of the following minor programs: Biblical Studies, 30 ECTS credits; History of Christianity, 30 ECTS credits; Hebrew Language and Literature, 30 ECTS credits; History of Ancient Religions, 30 ECTS credits; Systematic-Practical Theology, 30 ECTS credits).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Konrad Schmid

Coordination:

### Part of:

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Philosophy of Religion/Religion and Science

### Description:

#### General description:

This program of study provides basic knowledge of the history and current issues of philosophy of religion (including phenomenological-hermeneutic, analytic / post-analytic approaches), enabling participants to critically and independently address the basic problems and central positions taken in the philosophy of religion. A particular focus of the program is the topic of "religion and science." Here, historical and current issues relating to the relationship between (primarily Christian but in some cases also Jewish and Islamic) theology and the natural sciences are addressed and their foundations are reflected. This non-consecutive Master's degree program in Philosophy Religion / Religion and Science consists of 30 ECTS credits and is completed with a major paper on the topic of "religion and science."

### Requirements:

:

Bachelor's degree in one of the specializations offered by the Faculties of Theology, Medicine, Philosophy, and Science, as well as the Vetsuisse Faculty, and the Faculty of Law. Graduates with a BA from the Faculty of Business, Economics and Informatics must provide proof of proficiency in the hermeneutic-methodological analysis of texts (within the framework of a proseminar worth at least 3 ECTS credits) or display basic knowledge in a field of study relating to the natural sciences (introductory course worth at least 3 ECTS credits).

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Matthias D. Wüthrich

Coordination:

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Sinology

### Description:

#### General description:

The minor in Sinology provides a basic knowledge of China, an introduction to selected theories, methodologies, and tools related to the discipline, and an insight into a chosen specialist area such as the literature, language, history, society, philosophy, or religions of China. Those graduating from the program have fundamental reading skills in the modern and classical written language, a mastery of spoken standard Chinese, initial experience in working with scholarly sources (secondary sources and primary sources in translation), the ability to categorize information in relation to China, and general skills in addressing, presenting, and communicating complex issues. Thanks to the personal and social skills and experience in relation to China acquired during the program, those completing the program are able to navigate one of Asia's largest cultural and economic regions.

Main Language of Instruction: German

#### Career Prospects:

Studierende des Minors «Sinologie» erwerben eine Vielzahl von fachl sprachlichen, sozialen und persönlichen Kompetenzen, die eine solide Orientierung im grössten Kultur- und Wirtschaftsraum Ostasiens erlauben. Die vermittelten Kenntnisse befähigen zur weiteren wissenschaftlichen Qualifikation im Rahmen eines Masterstudiums, und sie sind der Schlüssel für eine erfolgreiche chinabezogene Arbeit in vielen nicht-akademischen Berufsfeldern wie etwa politische Beratung, Verlagswesen und Journalismus, Diplomatie und Verwaltung, Bibliotheks- und Stiftungswesen, Tourismus, Wirtschaft und Kulturvermittlung.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [sin.studies@aoi.uzh.ch](mailto:sin.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 History

### Description:

#### General description:

The Bachelor's study program in History imparts a basic knowledge from antiquity to the present day and provides an introduction to the relevant theories and methods of research in the discipline. It teaches students to formulate and research their own questions about the past. It equips them to deal systematically and analytically with diverse information and evaluations and to communicate complex content appropriately in oral and written form. In conjunction with a major in the social sciences or humanities, the minor in History helps candidates recognize and reflect on the historical dimension of societal, political, and cultural phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm berechtigt zur Aufnahme des Studiums «Lehrdiplom für Maturitätsschulen» im Unterrichtsfach Geschichte (zweites Unterrichtsfach qualifiziert für ein breites Feld beruflicher Tätigkeiten). Historikerinnen und Historiker arbeiten häufig im Kulturbereich, namentlich im Archiv- und Museumswesen, in Bibliotheken, Dokumentationsstellen und Verlagen. Wichtige Tätigkeitsbereiche sind zudem der Journalismus und die Medienarbeit im weiteren Sinne. Darüber hinaus eröffnet der Bachelorabschluss berufliche Perspektiven in der öffentlichen Verwaltung, bei Verbänden und Parteien oder in der Privatwirtschaft.

### Requirements:

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Modern History

### Description:

#### General description:

The Bachelor's program in Modern History imparts a basic knowledge of more recent history (15th/16th to 20th/21st century). It deliberately addresses a variety of methods and topics. Students gain an overview of the history of modern societies. The study program teaches them to formulate and research their own questions about the past. It equips them to deal systematically and analytically with diverse information and evaluations and to communicate complex content appropriately in oral and written form. In conjunction with a major in the social sciences or humanities it helps candidates recognize and reflect on the historical dimension of societal, political, and culture phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm eröffnet ein breites Feld beruflicher Tätigkeiten.

Historikerinnen und Historiker arbeiten häufig im Kulturbereich, namentlich im Archiv- und Museumswesen, in Bibliotheken, Dokumentationsstellen und Verlagen.

Wichtige Tätigkeitsbereiche sind zudem der Journalismus und die Medienarbeit im weiteren Sinne. Darüber hinaus eröffnet der Bachelorabschluss berufliche Perspektiven in der öffentlichen Verwaltung, bei Verbänden und Parteien oder in der Privatwirtschaft.

### Requirements:

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Art History

### **Description:**

#### General description:

The History of Art study program is concerned with artworks and their history from the early Christian period in Europe up to the globalized present-day, imparting sound subject knowledge in different artistic genres. Those completing the program are equipped to address works of art and their complex aesthetic, religious, political, social, and economic significance and function.

Main Language of Instruction: German

### **Requirements:**

Branch of Study: Art History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 East Asian Art History

### Description:

#### General description:

The East Asian Art History study program looks at archaeological artifacts, artworks, and other evidence of the visual culture of China, Korea, and Japan and their historical development, regional interconnections, and current manifestations. Those completing the program have acquired a basic grounding in the methodologies of the discipline, subject knowledge in selected genres such as architecture, sculpture and plastic art, painting, graphics, written art, and applied art, and the ability to work independently on simple questions of art history. The program qualifies students for activities requiring them to engage with material products of East Asian culture, for example in museums, art dealing, and publishing, or in journalism or tourism. It is also a prerequisite for a further academic degree in the subject.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Musicology

### Description:

#### General description:

Musicology examines music from a variety of perspectives to understand it in its historical, aesthetic, and cultural contexts. Those completing the program have acquired fundamental working techniques - scholarly practice, the theory of musical structure and form, analytical listening, etc. - and a knowledge of older and more recent music history, including the aesthetic, social, and cultural history aspects. Those completing the program are able to do independent scholarly work on a subject and present their work. They have the ability to apply historical and music analysis methods to specific topics and questions.

Main Language of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Bachelor Minor-Studienprogramms «Musikwissenschaft» sind aufgrund der erworbenen Kompetenzen für Tätigkeitsfelder in den Bereichen Medien (Presse, Musikverlage, Radio, Fernsehen), Kultur und Kulturmanagement, Musikproduktion sowie Bibliotheks- und Archivwesen qualifiziert. Das Institut bietet regelmäßig berufspraktische Veranstaltungen an und hilft bei der Vermittlung von Praktika.

### Requirements:

Branch of Study: Musicology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Musicology

Academic Advisor: studienberatung@mwi.uzh.ch

Responsible Instructor: Inga Mai Groote

Coordination: Esma Cerkovnik

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Film Studies

### Description:

#### General description:

The minor in Film Studies imparts a basic knowledge of film analysis, history, and theory. It trains students to reflect critically on the specialized knowledge they have acquired and engage with a variety of approaches and methods to understand films as artistic and popular forms of expression in a cultural and media context. Parallel to this there are various offerings providing an insight into areas of film culture and practice.

Main Language of Instruction: German

### Requirements:

Branch of Study: Theatre, dance and film studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Film Studies

Academic Advisor: [jsahli@fiwi.uzh.ch](mailto:jsahli@fiwi.uzh.ch)

Responsible Instructor: Daniel Johannes Wiegand

Coordination: Matthias Brütsch

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Philosophy

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Department of Philosophy

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate General and Comparative Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Romance Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Psychology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Department of Psychology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Communication Science and Media Research

### Description:

#### General description:

The minor program in Communication and Media Research gives candidates basic specialist knowledge, a familiarity with the research findings, and more in-depth empirical-methodological qualifications in the social sciences. The theoretical, methodological, communicative, and organizational skills acquired by those completing the program qualify them for applied and operational work in various areas of modern communications, including applied media, communications, market and opinion research; media (content) production; evaluation of communications services and media innovations; organizational communications and public relations; media marketing and media management; and continuing education in the communications sector.

Main Language of Instruction: German

### Requirements:

Branch of Study: Communication and Media Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Communication and Media Research

Academic Advisor: [programmkoordination@ikmz.uzh.ch](mailto:programmkoordination@ikmz.uzh.ch)

Responsible Instructor: Mark Eisenegger

Coordination: Stefanie Andrea Hangartner

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Interdisciplinary Archaeological Sciences

### Description:

#### General description:

The minor in Interdisciplinary Archaeological Sciences imparts a basic knowledge of the sources, material, and methods of archaeometry, bioarchaeology, geoarchaeology, and comparative archaeology. The program examines the physiographic relationships in human societies, juxtaposing cultural developments on a large scale from a global and diachronic perspective on the basis of material remains and cultural and anthropological comparison. Students develop the ability to think along methodological and scientific lines and are introduced to practical work in the field, in museums, and in the lab.

The minor in Interdisciplinary Archaeological Sciences gives those completing a major in a related subject an additional qualification.

Main Language of Instruction: German

#### Career Prospects:

Der Minor «Interdisziplinäre Archäologische Wissenschaften» ergänzt Qualifikation der Absolventinnen und Absolventen mit einem Major in einem inhaltlich nahen Fachgebiet.

### Requirements:

Branch of Study: Archaeology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Archaeology

Academic Advisor: studienberatung@archaeologie.uzh.ch

Responsible Instructor: Corinna Simone Reinhardt

Coordination: Christina Eugenia Lolos

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Teaching

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Archaeologies

### Description:

#### General description:

The minor in Archaeologies imparts a basic knowledge of the sources, material, and methods of prehistoric, classical, and medieval archaeology. The program examines the cultural development of human societies, primarily in Europe and the Mediterranean region, from their beginnings to the start of the modern era, on the basis of material remains. Students develop the ability to think along methodological and scientific lines and are introduced to certain aspects of practical work on digs, in museums, and in the lab. The minor in Archaeologies gives those completing a major in a related subject an additional qualification.

Main Language of Instruction: German

#### Career Prospects:

Der Minor «Archäologien» ergänzt die Qualifikation der Absolventinnen Absolventen mit einem Major in einem verwandten Fachgebiet.

### Requirements:

Branch of Study: Archaeology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Archaeology

Academic Advisor: studienberatung@archaeologie.uzh.ch

Responsible Instructor: Corinna Simone Reinhardt

Coordination: Christina Eugenia Lolos

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Ancient Studies

### **Description:**

#### General description:

This interdisciplinary study program is an exemplary introduction to the multifaceted world of culture in Mediterranean antiquity, which still resonates powerfully today. Those completing the program are familiar with the most important scholarly methods and tools (including digital tools). They have specialized in two of the four areas of antiquity - literatures and their languages, material cultures, historical events and developments, religions and philosophical traditions - and have built a relevant portfolio of languages.

They can analyze scientific data independently and critically question research opinions. They are practiced in presenting complex issues appropriately for the audience in question. In general they have adopted intellectual curiosity, stamina, meticulous accuracy and the courage to indulge in old-fashioned creative thinking as fundamental attitudes, and have acquired intercultural skills by comparing antiquity and modernity.

Main Language of Instruction: German

#### Career Prospects:

Die Berufsperspektiven dieses Minors hängen wesentlich vom gewählten Major-Studienprogramm ab. In der Regel schliesst sich an den Bachelor in Altertumswissenschaften ein Master im gleichen Bereich an, also ein Minor-Studienprogramm im Umfang von 30 oder ein Mono-Studienprogramm im Umfang von 120 ECTS Credits. Bereits der Bachelor-Abschluss qualifiziert jedoch für Tätigkeiten in den verschiedensten Bereichen, darunter im Bildungs- und Bibliothekswesen sowie im Kultursektor, in der öffentlichen Verwaltung und im Journalismus. Er eröffnet Zugänge zu Spezialausbildungen und Aufbaustudien, über die sich ein breites Feld weiterer beruflicher Tätigkeiten erschliesst.

### **Requirements:**

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Andreas Victor Walser

Coordination: Fabian Zogg

### **Part of:**

Bachelor of Science Faculty of Science (2021)





**Universität  
Zürich** <sup>UZH</sup>

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Educational Science

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Popular Culture Studies

### Description:

#### General description:

The Popular Cultural Studies program is dedicated to culture in daily life, including the literatures and media present in people's everyday lives. An interdisciplinary subject at the interface of the humanities and social sciences, cultural studies draws on their theories and works primarily with qualitative methods. The study program equips students for work in cultural, literary, and media analysis. It helps create an understanding of cultural and social phenomena, and enables scholarly engagement and practical application.

Students acquire expertise in culture mediation and transfer,

Main Language of Instruction: German

#### Career Prospects:

Bewährte Arbeitsfelder sind: Medien, Verlagswesen, Kulturmanagement, Öffentlichkeitsarbeit, Museum und Ausstellungspraxis, Bildungs- und Vermittlungsarbeit, Sozialberatung, Betriebskultur, Marktforschung, Tourismus. Das Bachelorstudium Populäre Kulturen qualifiziert für den konsekutiven Master «Empirische Kulturwissenschaft» sowie (mit Auflagen oder Bedingunge weitere Masterprogramme.

### Requirements:

Branch of Study: Communication and Media Studies, Social and Cultural Anthropology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Social Anthropology and Cultural Studies

Academic Advisor: pk-bachelor@isek.uzh.ch

Responsible Instructor: Moritz Peter Ege

Coordination: Mischa Elias Gallati Zimmermann

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)



**Universität  
Zürich<sup>UZH</sup>**

BA UZH in Study of Religions Bologna 2020  
Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Political Science

### Description:

#### General description:

Political science deals with political decisionmaking processes and social dynamics, as well as the underlying structures of power and domination. The minor in Political Science teaches the fundamentals of political systems and theories and introduces students to empirical social research. Those completing the program have broad political science and methodological expertise and can apply quantitative and qualitative research methods. They understand scientific texts, can critically analyze and classify them, are able to write smaller-scale political science texts and essays, and present content in an appropriate and comprehensible manner to a specialist audience and informed laypeople.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Political Science

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Political Science

Academic Advisor: studhelp@ipz.uzh.ch

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Sociology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Sociology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Social Anthropology

### Description:

#### General description:

The Social Anthropology program is devoted to the study of cultures and societies. The minor teaches an understanding of the environmental, economic, political, legal, social, and cultural dimensions of human coexistence in all its multifacetedness and historical variability. Central to the discipline is the empirical, comparative social, theoretically reflective analysis of areas including everyday practices, economic and social transformation processes, cultural systems of meaning and religious movements, conflicts, and the organizational forms of cooperation for the purposes of development. Those completing the program are able to work scientifically, have a knowledge of social anthropology, and are familiar with the history of the subject and selected regions of the world. They can quickly get to grips with new contexts, take a critical, questioning approach to issues, understand the systematic character of these issues, and act appropriately in complex contexts.

Main Language of Instruction: German

#### Career Prospects:

Ethnologinnen und Ethnologen arbeiten nach dem Studium z.B. in der Wissenschaft und in Museen, in der Entwicklungszusammenarbeit, in internationalen Organisationen, in Nicht-Regierungsorganisationen, in der öffentlichen Verwaltung, in Verbänden, in den Medien, in Verlagen, in der Unternehmensberatung oder im Kulturmanagement.

### Requirements:

Branch of Study: Social and Cultural Anthropology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Social Anthropology and Cultural Studies

Academic Advisor: Olivia Killias

Responsible Instructor: Ann Elisabeth Derks

Coordination: Jan Patrick Heiss

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)





**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Sociology

### Description:

#### General description:

The Sociology study program imparts a knowledge of the basic terms and fields of the discipline, and general sociological theories. It provides an introduction to empirical social research and the techniques of scholarly work, geared to current, highly versatile sociological methodologies for capturing and evaluating data. A diverse course offering gives students the opportunity to choose their own individual focus within the areas of research and study covered by the Institute of Sociology. Skills are taught placing a particular emphasis on applying the capacity to think independently along analytical and conceptual lines to formulate and resolve research problems and questions.

Those completing the program are able to analyze structures and processes along theoretical lines and use empirical methods to examine them.

Main Language of Instruction: German

### Requirements:

Branch of Study: Sociology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Sociology

Responsible Instructor: Jörg Rössel

Coordination: Bettina Isengard

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Communication and Media Research

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Communication and Media Research

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Comparative Linguistics

### Description:

#### General description:

Those completing the program have acquired fundamental specialist knowledge in all areas of linguistics, and have mastered the analytical skills of the discipline. They have a fundamental knowledge of linguistic theories and methods, especially in relation to comparative language research. They have a command of digital data editing and management, and know the basics of qualitative and quantitative data analytics. They are familiar with the practice of scientific work, presentation, and publication, have an in-depth knowledge of their elective subjects, and have built an appropriate portfolio of languages.

Main Language of Instruction: German

#### Career Prospects:

Wie viele andere universitäre Studienprogramme führt das Studium der Vergleichenden Sprachwissenschaft nicht zu einem bestimmten Beruf. Eines der wichtigsten späteren Tätigkeitsfelder ist die Forschung, die je nach Profil ganz unterschiedlich aussehen kann. Interesse an Sprache(n), Freude an Analyse und selbständiges Arbeiten sind aber in jedem Fall wichtige Komponenten.

Ausserhalb der Universität ist es dank des interdisziplinären Charakters des Studienprogramms möglich, in viele Bereiche einzusteigen, insbesondere aber in einen der vielen Berufe, die mit Sprache, Text und Kommunikation zu tun haben, wie z. B. Lektorat, PR-Beratung, Übersetzung oder Sprachlehre. Je nach Interesse können die Kenntnisse von nicht-europäischen Sprachen, die während des Studiums erworben werden, sowie die zusätzlichen Qualifikationen aus den Nebenfächern auch als Grundlage dienen, in anderen Feldern wie Entwicklungszusammenarbeit oder Computerlinguistik tätig zu werden.

### Requirements:

Branch of Study: Linguistics

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Comparative Language Science

Academic Advisor: [studyadvisor@ivs.uzh.ch](mailto:studyadvisor@ivs.uzh.ch)

Responsible Instructor: Paul Widmer

Coordination: Lena Dorothea Elisabeth Zipp

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Ibero-Romance Literatures and Linguistics

### Description:

#### General description:

Those who complete the program have acquired a basic knowledge of the following aspects of Spanish and, optionally, Portuguese, with the goal of independently setting their own areas of research focus at Master's level: history of Ibero-Romance literatures from the Middle Ages to the present day (including Latin America) and of literary genres, narratology, meter, rhetoric, and textual analysis; construction, usage, and history of language, methods of synchronic and diachronic Ibero-Romance linguistics, including methods of corpus linguistics. Those completing the course have Spanish communication skills to at least C1 level. They can produce bibliographies, are familiar with the relevant handbooks, take a critical approach to secondary literature, and have technical skills in the communication of knowledge.

Main Language of Instruction: Spanish

Further Languages of Instruction: Portuguese

#### Career Prospects:

Die Absolventinnen und Absolventen des Studienprogramms «Iberoromanische Sprach- und Literaturwissenschaft» beherrschen die spanische (und fakulta auch die portugiesische) Sprache und sind Experten im Bereich Kommunikation und interkulturelle Vermittlung. Sie haben gelernt, Texte und komplexe sprachliche Strukturen zu analysieren und verfügen über Methodenkenntnisse, die auf zahlreiche Fragestellungen übertragbar sind. Damit eröffnet sich ihnen eine Vielzahl beruflicher Perspektiven: in der Vermittlung der spanischen Sprache an Gymnasien (nach entsprechendem vertiefenden Studium auf Masterebene), in der Erwachsenenbildung und im privaten Bildungssektor; im Kulturwesen (Museen, Kulturinstitutionen, Literaturhäuser, internationale Organisationen); in Bibliotheken, Mediatheken und Archiven; im Bereich Sprachtechnologie; in den Medien (Presse, Radio, Fernsehen, Online-Portale); in internationalen Organisationen; sowie in der Privatwirtschaft bei international tätigen Unternehmen.

### Requirements:

Branch of Study: Ibero-Romance Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: theres.kuratli@uzh.ch

Responsible Instructor: Rico Franc Valär



Coordination: Christian Seidl

**Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Italian Literature/Linguistics

### Description:

#### General description:

Those completing the program have the option of systematically acquiring deeper knowledge in various areas of language and linguistics. They have a broader knowledge of areas including literary theory and history, methods of textual and cultural analysis, and Italo-Romance varieties from Latin to the present day. They are able to apply the analytical tools they have acquired to different types of text, linguistic structures, varieties, and communication situations, and are equipped to conduct and communicate independent research.

Those completing the program are qualified to embark on a further step in their education (such as a doctorate or the Teaching Diploma for Upper Secondary Education) or for the large number of careers requiring a knowledge of multiple languages, cultural competence, and intellectual independence. Non-native speakers improve their Italian language skills to at least C2 level.

Main Language of Instruction: Italian

#### Career Prospects:

Il Master in Linguistica e Letteratura Italiana del Romanisches Seminar offre stimolanti prospettive di carriera. Oltre alle numerose professioni nel settore terziario (economia; turismo; editoria; media; istituzioni culturali tra cui biblioteche, archivi e musei; organizzazioni internazionali; gestione delle risorse umane; professioni nel campo delle arti e in agenzie di comunicazione e uffici stampa; mediazione linguistica e culturale; ecc.) alle quali le competenze sono trasferibili, il percorso di studi permette alle studentesse e agli studenti di portare a compimento la formazione per docenti liceali, a Zurigo (Lehrdiplom für Maturitätsschulen per l'italiano come seconda materia insegnamento), in Ticino (Diploma di insegnamento per le scuole di maturità e Master of Arts SUPSI in Insegnamento per il livello secondario I) o altrove.

Gli stage curriculari (Praktika) ti forniranno non solo una prima panoramica generale sulle differenti possibilità lavorative, ma ti permetteranno di acquisire in maniera stimolante nuove competenze spendibili nel mondo del lavoro.

Se invece ti interessa la ricerca e desideri proseguire gli studi anche dopo aver ottenuto il tuo Master, puoi intraprendere una formazione dottorale iscrivendoti a un Dottorato di ricerca, che costituisce il più alto livello di istruzione universitaria. Fin dal Master hai la possibilità di muovere i primi passi nel mondo della ricerca partecipando attivamente a convegni, seminari e workshop, e assistendo a numerose manifestazioni scientifiche organizzate dalle cattedre di italianistica.

### Requirements:

Branch of Study: Italian Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies





Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Romansh Literature/Linguistics

### Description:

#### General description:

Those completing the program have had the option of systematically acquiring deeper knowledge in various areas of literature and/or linguistics: history of literature and literary genres, linguistic discourses on minority literatures, theories and methods of textual analysis or history of language, multilingualism, contact linguistics, standardization or language planning.

Those completing the program have very good spoken and written skills in at least one written idiom, an active knowledge of Rumantsch Grischun (Graubünden Romansh), and a passive knowledge of the other idioms. They are able to take a critical approach to secondary literature, do research on a largely independent basis, and communicate the findings of scholarly research. They have deepened their contacts with linguistic and cultural policy institutions and academic circles. The skills that they have acquired pave the way for a broad range of professional fields.

Main Language of Instruction: Rhaeto-Romance

Further Languages of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Master Studienprogramms «Rätoromanisch Sprachwissenschaft / Literaturwissenschaft» eröffnen sich Berufsfelder, in denen vertiefte und wissenschaftliche Kenntnisse des Rätoromanischen, analytisches Denken und gute Schreibkompetenzen erforderlich sind, z. B. (nach einer Zusatzausbildung) im Sekundarschul- und Gymnasialunterricht, in der Sprach- und Kulturvermittlung, in der Sprach- und Kulturpolitik, im Journalismus, im Verlags- und Bibliothekswesen sowie in der Privatwirtschaft. Der Masterabschluss ist auch Voraussetzung für weiterführende akademische Qualifikationen (z.B. Lehrdiplom für Maturitätsschulen und Doktorat).

### Requirements:

Branch of Study: Egyptology, Archaeology, German Language and Literature, English Language and Literature, Education Studies, French Language and Literature, Geography, History, Ibero-Romance Languages and Literatures, South Asian Studies, Italian Language and Literature, Classical Philology, Communication and Media Studies, Communication Systems, Art History, Linguistics, Modern Greek Language and Literature, Musicology, Nordic Languages and Literatures, Islamic and Middle Eastern Studies, East Asian Studies, Philosophy, Political Science, Psychology, Rhaeto-Romance Languages and Literatures, Study of Religions, Slavonic Languages and Literatures, Social and Cultural Anthropology, Sociology, Theatre, dance and film studies, Comparative Literature, Philosophy of Science and History of Science, Central Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).



Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 German Literature: Theory – Analysis – Transfer

### Description:

#### General description:

The minor in German Literature: Theory - Analysis - Transfer is at the interface between academic literary studies and the practices of cultural institutions. The program systematically combines philological reflection with contemporary relevance and practice in public forms of communications and digital and multimedia teaching and learning. Besides a clearly defined practical approach, the minor schools a critical, theory-driven approach to the actuality of literary events. Those who complete the program are equipped to reflect on and conceive forms of transfer of content related to literature and cultural studies, and to analyze in depth contemporary culture on the basis of poetic, aesthetic, and rhetorical theory building.

Main Language of Instruction: German

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-DSL@ds.uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Computational Linguistics and Language Technology

### Description:

#### General description:

The study program in Computational Linguistics and Language Technology provides insights into the scientific methods, latest theories, and methodological standards of the field. Those completing the program are able to critically read research papers, scientifically evaluate new findings, and carry out their own research in the field of natural language processing. They have programming skills and are able to plan and implement language technology software in a structured and concise way. They have deepened their knowledge of topics of their own choice, such as machine learning, machine translation, text mining, dialogue systems, discourse analysis, and speech processing.

Main Language of Instruction: English

#### Career Prospects:

Es bieten sich fünf Hauptberufsfelder an: (1) Softwareentwicklung im Bereich Sprachtechnologie (IT-Firmen): Im Tätigkeitsfeld Softwareentwicklung plant und entwickelt man sprachtechnologische Software.

Aufgabenschwerpunkte bestehen darin, die Anforderungen zu analysieren, IT-Lösungen zu entwickeln und Systeme zu programmieren. Die konkreten Aufgaben hängen dabei vom jeweiligen Anwendungsgebiet ab.

(2) Datenanalyse und Datenerhebung (Industrie allgemein, Medienunternehmen, IT-Firmen, Verwaltungen, Behörden, Bibliotheken): Im Tätigkeitsfeld Datenerhebung und -analyse sammelt, produziert und/oder annotiert man Sprachdaten und klassifiziert, aggregiert und analysiert sie. Weitere Aufgabenschwerpunkte bestehen darin, Daten zu verwalten oder für unterschiedliche Verwendungen aufzubereiten und zu konvertieren. Im Bereich Sprachtechnologie geht es vor allem um automatische Analyse von Medienberichten, automatische Sentimentanalyse (z.B. für Markt- und Meinungsforschung) und Semantikanalyse. Auch Frage-Antwort-Systeme und automatische Klassifizierung von Dokumenten und Kurztexten (z.B. Emails, Kundenanfragen etc.) sind Anwendungen der Sprachtechnologie.

(3) Terminologie- und Übersetzung, Dokumentenmanagement (Firmen): Viele internationale Firmen, bzw. Firmen, die für den internationalen Markt produzieren, haben eigene Terminologie- und Übersetzungsabteilungen, in denen Computerlinguisten/-linguistinnen für die Implementation und den Ausbau bestehender Softwarelösungen zuständig sind. Dazu gehören neben der Pflege und Erweiterung bestehender Sprachressourcen auch das Trainieren von Übersetzungsverfahren anhand von neuem, ggfs. eigens dafür geschaffenem, multilingualem Sprachmaterial (Korpora). Auch die Evaluation von neuer Software und die Qualitätskontrolle und Optimierung existierender Lösungen gehören zu den Aufgaben.

(4) Consulting im Bereich Sprachtechnologie: Die Hauptaufgabe im Tätigkeitsfeld Consulting besteht darin, Lösungen für sprachtechnologische Fragestellungen eines Unternehmens oder einer Behörde zu finden. Dabei muss der Bedarf des Unternehmens analysiert und Sprachtechnologie-Methoden und -Tools evaluiert werden, um optimale Lösungen für die Fragestellung vorzuschlagen und deren Implementierung zu begleiten. Consulting kann dabei auch die Schulung und Weiterbildung von Anwendern im Betrieb oder der Behörde beinhalten. Die Aufgabe besteht dann darin, computerlinguistisches Grundwissen in geeigneter didaktischer Form aufzubereiten und zu vermitteln. Entscheidungsprozesse für die Entwicklung und den Einsatz sprachtechnologischer Produkte sind in bestimmten Fällen nicht nur mit kommerziellen, sondern auch mit ethischen Fragestellungen verknüpft. Consulting umfasst dann als Aufgabe auch die Sensibilisierung für gesellschaftliche Chancen, aber auch der Risiken beim Einsatz von Sprachtechnologie.

(5) Wissenschaft und Forschung: Im Bereich Computerlinguistik und Sprachtechnologie kann sowohl Grundlagenforschung wie auch angewandte Forschung betrieben werden. Universitäre Hochschulen bieten meistens beide Möglichkeiten, während in der Industrie und an den Fachhochschulen v.a. angewandte Forschung stattfindet. Die konkreten Themen sind hier sehr vielfältig und abhängig von der jeweiligen Institution und Forschungsstelle.

### Requirements:

Branch of Study: Informatics, Linguistics



Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

**Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Computational Linguistics

Academic Advisor: [study@cl.uzh.ch](mailto:study@cl.uzh.ch)

Responsible Instructor: Rico Sennrich

Coordination: Jeannette Roth

**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Science UZH in Informatics (RVO22)

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Greek Philology

### Description:

#### General description:

Those completing the program have a deeper knowledge of Greek language and literature in all its breadth, from Homer and the classical period to late antiquity, influenced by the emergence of Christianity. They are practiced in working independently on complex issues and presenting them in a differentiated way, and they are able to creatively transfer methods tried and tested on ancient texts to other objects. They also have the ability to recognize and assess intercultural relationships. In terms of methodology they have a deeper knowledge of both traditional (e.g. producing critical editions) and modern approaches to literary, cultural, and linguistic interpretation. In general they have consolidated the basic attitudes acquired at Bachelor's level (such as intellectual curiosity, old-fashioned creative thinking, etc.), preparing them for a variety of careers and professions both inside and outside the university.

Main Language of Instruction: German

#### Career Prospects:

Der Masterabschluss in Griechischer Philologie ist die Qualifikation für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre und bildet auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen, wobei für das 1. Unterrichtsfach ein Major und für das 2. ein Minor verlangt wird. Wegen des Erwerbs überfachlicher Kompetenzen (wie Genauigkeit, Ausdauer und Selbstständigkeit) eröffnen sich weitere Tätigkeitsbereiche wie Bibliotheken, Archive, Verlage, öffentliche Verwaltung, Museen und andere kulturelle Institutionen, Banken, Versicherungen, Journalismus, Verlagswesen, Kulturmanagement und Medienarbeit im weiteren Sinne, internationale Organisationen, Tourismus, Diplomatie.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Latin Philology

### Description:

#### General description:

Those completing the program have a deeper knowledge of Latin language and literature in all its breadth, from the old Latin poets to late antiquity, influenced by the emergence of Christianity. They are practiced in working independently on complex issues and presenting them in a differentiated way, and they are able to creatively transfer methods tried and tested on ancient texts to other objects. They also have the ability to recognize and assess intercultural relationships. In terms of methodology they have a deeper knowledge of both traditional (e.g. producing critical editions) and modern approaches to literary, cultural, and linguistic interpretation. In general they possess skills and abilities that prepare them for a variety of careers and professions both inside and outside the university.

Main Language of Instruction: German

#### Career Prospects:

Der Breite der Anschlussmöglichkeiten entsprechend bietet der Masterabschluss eine Fülle von Berufsperspektiven: Der Masterabschluss in Lateinischer Philologie ist die Qualifikation für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre und bildet auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen, wobei für das 1. Unterrichtsfach ein Major und für das 2. ein Minor verlangt wird. Ebenso eröffnen sich Tätigkeitsbereiche in Bibliotheken, Archiven, Verlagen, öffentlicher Verwaltung, Museen und anderen kulturellen Institutionen, Kulturmanagement und Medienarbeit.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Medieval Latin Philology

### Description:

#### General description:

Those completing the program have a basic knowledge of the language and are familiar with different registers of Latin. They can apply the relevant tools of Medieval Latin philology with confidence. They have improved their reading skills on the basis of primary texts. They have familiarized themselves with methods of transmission and textual criticism and different approaches to literary and cultural interpretation. They can present complex issues on their own and communicate their own research opinions persuasively. They are practiced in presenting their own findings in a manner appropriate to the audience and have experience in scholarly argumentation. They are well versed in independently solving linguistic problems and general problems of interpretation in Latin texts from the Middle Ages.

Main Language of Instruction: German

#### Career Prospects:

Die Berufsperspektiven dieses Minors hängen wesentlich vom gewählten Major-Studienprogramm ab. Die Kompetenzen, lateinische Texte des Mittelalters zu verstehen und mit mittelalterlichen Handschriften umzugehen, sind häufig eine notwendige Ergänzung für historische arbeitende Fächer wie die Geschichte, Germanistik, Kunstgeschichte, Romanistik und Anglistik. Für Latinisten bedeutet die Mittellateinische Philologie eine wichtige Erweiterung, die auch neue Möglichkeiten für den Unterricht eröffnet. Neben Lehre und/oder Forschung sind als Tätigkeitsfelder insbesondere Bibliotheken, Archive, Verlage, öffentliche Verwaltung, Museen und andere kulturelle Institutionen, Journalismus, Kulturmanagement und Medienarbeit im weiteren Sinne zu nennen. Diese verschiedenen Berufe früherer Absolventinnen und Absolventen erklären sich dadurch, dass überfachliche Kompetenzen wie Genauigkeit, Ausdauer und Selbstständigkeit erworben werden, die in allen möglichen Tätigkeitsbereichen hilfreich sind.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:



**Universität  
Zürich<sup>UZH</sup>**

Master of Science Faculty of Science (120) (2021)  
Master of Arts (RVO19)  
Master of Arts in Social Sciences (RVO19)  
Master of Arts UZH in Study of Religions Bologna 2020  
Master of Theology UZH Bologna 2020  
Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Medieval Studies

### Description:

#### General description:

Medieval Studies is an interdisciplinary study program designed to teach students different methods of analysis and work systematically with the rich heritage of the Middle Ages. They acquire the ability to approach the subject from the perspective of philology, history, and art history. Specialized course offerings also train them to think and work on an interdisciplinary basis, and communicate scholarly findings in the appropriate form. Those who complete the methodologically-based study program are qualified for an academic career or work in an academic profession at a demanding level, for example in research management. Thanks to its interdisciplinary approach the program also equips students for work in cultural institutions such as archives, publishing houses, and museums.

Main Language of Instruction: German

#### Career Prospects:

Der methodisch ausgerichtete Master qualifiziert Absolventinnen und Absolventen für eine akademische Laufbahn oder für die Ausübung eines akademischen Berufs auf anspruchsvollem Niveau, zum Beispiel im Bereich Wissenschaftsmanagement.

Zudem bereitet er durch seine interdisziplinäre Ausrichtung auf eine Tätigkeit in kulturellen Institutionen wie Archiven, Verlagen oder Museen vor.

### Requirements:

Branch of Study: Archaeology, History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Zentrum Zürcher Mediävistik

Academic Advisor: [koordination@mediaevistik.uzh.ch](mailto:koordination@mediaevistik.uzh.ch)

Responsible Instructor: Inga Mai Groote

Coordination: Maximilian Helmut Gamer

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Sociology

### Description:

#### General description:

The minor program in Sociology at Master's level allows students to design profile their own study on an individual basis. This is possible that thanks to a diverse choice of course offerings in sociological theory, empirical methods, and special sociologies. Those completing the program are able to empirically analyze structures and processes guided by theory. Skills are taught placing particular emphasis on applying the capacity to think independently along analytical and conceptual lines to formulate and resolve research problems and questions.

Main Language of Instruction: German

### Requirements:

Branch of Study: Sociology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Sociology

Responsible Instructor: Jörg Rössel

Coordination: Bettina Isengard

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 History

### Description:

#### General description:

The Master's study program in History involves a scholarly examination of thousand years of history (from antiquity to the most recent past), and imparts a knowledge of the relevant theories and methods of research in the discipline.

Students acquire the ability to work independently on their own ambitious topics, think in terms of complex historical contexts, and present them. In conjunction with a major in the social sciences or humanities, the minor helps candidates recognize and reflect on the historical dimension of societal, political, and cultural phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm berechtigt zum Abschluss des Studiums «Lehrdiplom für Maturitätsschulen» im Unterrichtsfach Geschichte (zweites Unterrichtsfach qualifiziert für ein breites Feld beruflicher Tätigkeiten. Historikerinnen und Historiker arbeiten häufig im Kulturbereich, namentlich im Archiv- und Museumswesen, in Bibliotheken, Dokumentationsstellen und Verlagen. Wichtige Tätigkeitsbereiche sind zudem der Journalismus und die Medienarbeit im weiteren Sinne. Darüber hinaus eröffnet der Masterabschluss berufliche Perspektiven in der öffentlichen Verwaltung, bei Verbänden und Parteien oder in der Privatwirtschaft.

### Requirements:

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)





**Universität  
Zürich**<sup>UZH</sup>

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Modern History

### Description:

#### General description:

The Master's program in Modern History gives students the opportunity to e in a scholarly examination of the history of the modern era, as well as imparting a knowledge of the relevant theories and methods of the discipline. It equips them to produce historical analyses of the modern world. In conjunction with a major in the social sciences or humanities it helps candidates recognize and reflect on the historical dimension of societal, political, and culture phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm qualifiziert für den Bereich der politischen und kulturellen Publizistik sowie des Tourismus. Ausserdem befähigt es für Aufgaben in verschiedenen Institutionen: Museen, Archiven, Bibliotheken, Firmen, Verbänden und Gemeinden, die sich besonders für die Pflege des neuzeitlichen Erbes interessieren oder öffentlichkeitswirksame Projekte auf dem Gebiet der neuzeitlichen Geschichte verfolgen.

### Requirements:

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



**Universität  
Zürich<sup>UZH</sup>**

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Cultural Studies

### Description:

#### General description:

The Cultural Studies program examines culture in daily life, including the literatures and media present in people's everyday lives. An interdisciplinary subject at the interface of the humanities and social sciences, cultural studies draws on their theories and works primarily with qualitative methods.

The study program equips students for differentiated work in cultural, literary, and media analysis. It helps create a deeper understanding of cultural and social phenomena, and promotes culture mediation and knowledge transfer skills. Those completing the program demonstrate the ability to work on a research-oriented, theoretically and empirically founded, practical basis.

They can design and realize projects independently, and translate and communicate the findings of cultural studies.

Main Language of Instruction: German

#### Career Prospects:

Das Studienprogramm «Empirische Kulturwissenschaft» qualifiziert für kulturelle Expertise in Wissenschaft und Praxis. Mögliche Arbeitsfelder sind: Medien, Verlagswesen, Kultur- und Projektmanagement, Öffentlichkeitsarbeit, Museum und Ausstellungspraxis, Bildungs- und Vermittlungsarbeit, Markt- und Trendforschung, Sozialberatung, Betriebskultur, Stadt- und Siedlungsplanung, Tourismus. Der Masterabschluss ist Voraussetzung für ein Doktoratsstudium sowie eine weiterführende akademische Karriere.

### Requirements:

Branch of Study: German Language and Literature, English Language and Literature, French Language and Literature, History, Ibero-Romance Languages and Literatures, Italian Language and Literature, Communication and Media Studies, Nordic Languages and Literatures, Rhaeto-Romanic Languages and Literatures, Slavonic Languages and Literatures, Social and Cultural Anthropology, Sociology, Theatre, dance and film studies, Comparative Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Social Anthropology and Cultural Studies

Academic Advisor: pk-master@isek.uzh.ch

Responsible Instructor: Moritz Peter Ege

Coordination: Mischa Elias Gallati Zimmermann

### Part of:



**Universität  
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Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Philosophy

### Description:

#### General description:

Philosophy is concerned with the fundamental questions of human existence. By considering human beings as sentient, thinking, and cognizant beings and as social, political, and acting subjects, philosophy reflects on the fundamentals and conditions not only of science, the mind, and language, but of society and culture. Besides a knowledge of the history of philosophy (from antiquity and the Middle Ages to the early modern period and the 19th and 20th centuries), the study covers key concepts, problems, and theories from various areas of contemporary philosophy (logic and the philosophy of science, metaphysics, cognitive theory, the philosophy of language, philosophy of mind, general and applied ethics, political philosophy, and aesthetics).

Main Language of Instruction: German

#### Career Prospects:

Die Studierenden der Philosophie erwerben Fähigkeiten, die sie in zahlreichen Berufsfeldern einbringen können. Zu den im Studium erworbenen Kompetenzen gehören eine hohe Analyse- und Reflexionskompetenz, ein ausgeprägtes methodologisches Bewusstsein, ausgebildete sprachliche, kommunikative, hermeneutische und argumentative Fähigkeiten sowie die Fähigkeit und Bereitschaft, Gegebenes kritisch zu hinterfragen. Absolventinnen und Absolventen der Philosophie findet man entsprechend in den verschiedensten Bereichen: an Gymnasien und Universitäten, in der Kultur und der Politik, zum Beispiel als Kulturmanager oder Diplomatinen. Sie sitzen in Ethikkommissionen ein, beraten Unternehmen und Parteien, sie engagieren sich in NGOs, arbeiten als Medienschaffende, als Lektoren in Verlagen oder als Analytistinnen in Banken und Versicherungen.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Philosophy

Academic Advisor: studienberatung@philos.uzh.ch

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Philosophy of Science

### Description:

#### General description:

The philosophy of science explains the conditions, methods, and goals of scientific research and theory-building in general in light of the history of science. Those completing the program are familiar with the terminology, problems, and positions of the theory and philosophy of science past and present, and can discuss and independently work on them in line with the relevant scholarly standards.

Main Language of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Studienprogramms «Wissenschaftsphilosophie» findet man in den verschiedensten Bereichen von Politik, Wissenschaft, Gesellschaft und Kultur, wobei die beruflichen Perspektiven auch vom jeweils gewählten Major-Studienprogramm abhängen werden.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Philosophy

Academic Advisor: studienberatung@philos.uzh.ch

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Foundations of Moral Philosophy

### Description:

#### General description:

Moral philosophy is concerned with fundamental moral concepts and questions, various moral theories, and the diverse forms of social and moral normativity.

The minor imparts basic methodological know-how and a knowledge of the classical analysis of key moral concepts. Those completing the program are familiar with the most important moral theories and are able to discuss and work independently on problems of moral philosophy on a considered methodological basis in line with the relevant scholarly standards.

Main Language of Instruction: German

#### Career Prospects:

Absolventinnen und Absolventen des Studienprogramms «Grundlagen der Moralphilosophie» können in den verschiedensten Bereichen tätig werden, w das Spektrum möglicher Berufe durch die im jeweiligen Major-Studienprogramm erworbenen Kompetenzen erweitert bzw. bestimmt wird. Sie werden z. B. in Ethikkommissionen einsitzen, verschiedenartige Einrichtungen, Unternehmen und Parteien in ethischen Fragen beraten, sich in NGOs engagieren, als Medienschaffende oder als Analytistinnen in Banken und Versicherungen arbeiten können.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Philosophy

Academic Advisor: studienberatung@philos.uzh.ch

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 English Literature/Linguistics

### Description:

#### General description:

The Master's minor study program in English Literature and Linguistics expands on the Bachelor's study program. Those completing this program are able to critically assess and respond to academic findings in the field. It expands on and supplements qualifications in the fields dealt with in the Bachelor's program.

Main Language of Instruction: English

#### Career Prospects:

The Master's study programs in English Literature and/or Linguistics prepare students for later employment in a range of areas, particularly teaching and education, editing, journalism, PR, advertising, marketing, film, translation, administration, and diplomacy. Moreover, graduates with a strong academic record will have the option of pursuing a PhD and thus laying the basis for a possible career in higher education.

### Requirements:

Branch of Study: English Language and Literature, Linguistics, Comparative Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: English Department

Academic Advisor: englishstudies@es.uzh.ch

Responsible Instructor: Barbara Straumann

Coordination: Olivia Melanie Tjon-A-Meeuw

### Part of:

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## Course Catalog Spring Semester 2025

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Link:

Minor 30 Slavonic Literatures/Linguistics

### Description:

#### General description:

The minor in Slavic Linguistics/Literature imparts detailed, in-depth linguistic and literary knowledge against the backdrop of current research.

Students deepen their ability to do independent scholarly work, and acquire the skills to receive theoretical texts in the foreign language and write forms of academic texts. They also acquire more in-depth language skills, with the option of adding a second Slavic language. By actively taking part in Slavic research and teaching, interested students can gain their first experience in academic practice.

Main Language of Instruction: German

#### Career Prospects:

Aus dem Master «Slavische Sprachwissenschaft/Literaturwissenschaft» Literatur- oder Sprachwissenschaftlerinnen und Sprachwissenschaftler mit Fokus auf den slavischen Kulturkreis hervor, die sich durch ihren geschulten analytischen Umgang mit Sprachen, Texten und interkulturellen Phänomenen auszeichnen. Absolventinnen und Absolventen sind dadurch zu einem unmittelbaren Einblick in die geschichtlichen und aktuellen Diskurse dieser Region befähigt.

Die erworbenen Fähigkeiten ermöglichen die Arbeit in zahlreichen Tätigkeitsfeldern in den Bereichen Kulturmanagement, Medien und Verlage, Presse- und Öffentlichkeitsarbeit, in Verbänden und Stiftungen, in internationalen Institutionen, in der akademischen Laufbahn sowie in Journalismus, Werbung und Tourismus. Begleitend kann das Lehrdiplom für Maturitätsschulen im Unterrichtsfach Russisch erworben werden.

### Requirements:

Branch of Study: Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Slavonic Languages and Literatures

Academic Advisor: studienberatung@slav.uzh.ch

Responsible Instructor: Sylvia Sasse

Coordination: Gianna Maria Giulia Frölicher

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Musicology

### Description:

#### General description:

Musicology examines music from a variety of perspectives to understand it in its historical, aesthetic, and cultural contexts. Those completing the minor have acquired the ability to do independent scholarly work. They have a sound knowledge of music history, a broad knowledge of the repertoire, and the ability to understand subjects of scholarly research from a cultural studies and interdisciplinary perspective. They have advanced skills equipping them to address and present subject matter related to music on a scholarly basis.

Main Language of Instruction: German

#### Career Prospects:

Das Master Minor-Studienprogramm «Musikwissenschaft» qualifiziert für anspruchsvolle Tätigkeiten in den Bereichen Medien (Presse, Musikverlage, Radio, Fernsehen) sowie Kultur und Kulturmanagement (Dramaturgie, Orchester-, Theater- oder Festspielmanagement). Das Institut bietet regelmässig berufspraktische Veranstaltungen an und hilft bei der Vermittlung von Praktika.

### Requirements:

Branch of Study: Musicology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Musicology

Academic Advisor: studienberatung@mwi.uzh.ch

Responsible Instructor: Inga Mai Groote

Coordination: Esma Cerkovnik

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Film Studies

### Description:

#### General description:

The minor in Film Studies develops in more depth the basic film aesthetics skills acquired at Bachelor's level and students' knowledge of the history of film. It equips them to critically engage with current and historical developments in film and the cinema and place them in a cultural and media context. The program encourages students to reflect methodologically and work on their own questions and topics. Parallel to this there are more practice-oriented offerings designed to give an insight into aspects of the culture and politics of film. In combination with a major from the Faculty of Arts and Social Sciences, the minor in Film Studies helps students develop the technical skills to analyze visual and acoustic phenomena within the framework of their studies in other areas of culture and the arts.

Main Language of Instruction: German

### Requirements:

Branch of Study: Theatre, dance and film studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Film Studies

Academic Advisor: jsahli@fiwi.uzh.ch

Responsible Instructor: Daniel Johannes Wiegand

Coordination: Matthias Brütsch

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Political Studies

### Description:

#### General description:

Political science deals with political decisionmaking processes and social dynamics, and the underlying structures of power and domination. The minor in Political Studies prepares students to systematically examine current questions and problems in political science. It is highly research-oriented and includes intensive methodological training. Those completing the program are able to present and communicate political science-related content in an appropriate form and actively participate in the academic community.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Political Science

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Political Science

Academic Advisor: studhelp@ipz.uzh.ch

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Methods – Data – Society

### Description:

#### General description:

The digitalization and measurement of society are generating a wealth of data on social interactions and human behavior. Both inside and outside the academic community there is a growing need for specialists with a broad and well-founded repertoire of social science methodological skills to analytically accompany the process of digitizing society and provide a basis for decisionmaking on social development. The minor in Methods - Data - Society expands students' knowledge and skills in the quantitative and qualitative methodologies of the social sciences. They learn to use different methodological tools, including statistics, to prepare and analyze different data from public administrations, (social) media, surveys, and experiments, and communicate the findings appropriately for the relevant audience.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Political Science

Academic Advisor: [studhelp@ipz.uzh.ch](mailto:studhelp@ipz.uzh.ch)

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Social Sciences

### Description:

#### General description:

The complexity of social structures and the dynamics of social processes in diverse work and private life situations calls for social science skills that allow a reflective approach to current and future challenges. The minor in Social Sciences facilitates an understanding of complex social interdependencies through a broad multidisciplinary offering spanning political science, sociology, communication science and media research, empirical cultural studies, and religious studies. The program provides students with a broad knowledge of important social issues and the ability to reflect on them critically, enabling them to assume roles at the interfaces of business, science, international relations, public administration, law, education, government, and public service.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Political Science

Academic Advisor: studhelp@ipz.uzh.ch

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 General and Comparative Literature

### Description:

#### General description:

General and Comparative Literature involves investigating literature both in its uniqueness and in its diversity across languages, and the commonalities and differences that emerge. On the general literature side, those completing the study program have a basic knowledge of poetics and literary aesthetics. On the comparative literature side, they are able to analyze the relationships between texts in different languages (primarily German, French, and English) and literatures in dialogue with other arts and cultural manifestations and processes in the form of independent contributions to research. Besides analytical skills, the ability to do independent research includes presentation and communication skills.

Main Language of Instruction: German

#### Career Prospects:

Die literaturwissenschaftlich fundierte Ausbildung in Allgemeiner und Vergleichender Literaturwissenschaft (AVL) ermöglicht es, selbstständig oder im Verbund zu forschen (wissenschaftliche Mitarbeit, Doktorat). Weitere Perspektiven ergeben sich im Bereich der Medien (Recherche, Journalismus) sowie der Übersetzungspraxis, in der Verwaltung (Projektleitung, Wissensmanagement), im Kulturbetrieb oder im Bereich der Bildung.

### Requirements:

Branch of Study: German Language and Literature, English Language and Literature, French Language and Literature, Ibero-Romance Languages and Literatures, South Asian Studies, Italian Language and Literature, Classical Philology, Communication and Media Studies, Art History, Modern Greek Language and Literature, Musicology, Nordic Languages and Literatures, Islamic and Middle Eastern Studies, East Asian Studies, Philosophy, Rhaeto-Romanic Languages and Literatures, Study of Religions, Slavonic Languages and Literatures, Social and Cultural Anthropology, Theatre, dance and film studies, Theology, Comparative Literature, Central Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Romance Studies

Academic Advisor: avl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Stéphane Boutin

### Part of:



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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Comparative Romance Linguistics

### Description:

#### General description:

Those completing the program have deepened their existing language skills at graduated levels (A1 to C2) in a number of selected individual Romance languages; in these languages they also have, depending on the personal profile they have defined, more advanced knowledge of the external and internal history of the language from Latin to the present day and of the levels of linguistic structuring, language structure and usage. Beyond this, they have acquired deeper knowledge of the emergence of the Romance languages and the most important trends in the development of the Romance languages, their parallels and differences. Those completing the program are capable of conducting and communicating largely independent research and have further developed their contacts with the academic community.

Main Language of Instruction: French

Further Languages of Instruction: Italian, Spanish

#### Career Prospects:

Absolventinnen und Absolventen des Minor-Studienprogramms «Vergleichende Romanische Sprachwissenschaft» eröffnen sich Perspektiven in zahlreichen Berufsfeldern, in denen romanische Vielsprachigkeit und analytische sowie kommunikative Kompetenzen gefragt sind. Insbesondere qualifiziert das Studienprogramm für Bereiche, in denen wissenschaftliche Kenntnisse romanischer Sprachen erforderlich sind, z.B. Kulturvermittlung, Übersetzung, Journalismus, Verlags- und Bibliothekswesen, internationale Organisationen und Unternehmen.

Der Abschluss ist auch Voraussetzung für weiterführende akademische Qualifikationen (Promotion) und kann bei entsprechender Kombination und Sprachenwahl auch Voraussetzung für das Lehrdiplom für Maturitätsschulen sein.

### Requirements:

Branch of Study: French Language and Literature, Ibero-Romance Languages and Literatures, Italian Language and Literature, Linguistics, Rhaeto-Romanic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl



**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

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Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Gender Studies

### Description:

#### General description:

Gender Studies encompasses women's, men's and gender studies, plus qu theory. It looks into the significance of gender and gender difference on an historically-founded, comparative cultural, and theoretically reflective basis, inquiring into the relationship between biological, physiological, psychological, and sociocultural differentiation on the one hand and processes involved in the social construction of gender and the renegotiation of gender boundaries on the other. A knowledge of gender and critical reflection on gender and gender relations are key to an understanding of increasingly complex societies. The minor in Gender Studies teaches the relative categories and a deeper knowledge of the conceptual, methodological, and theoretical basis of interdisciplinary gender research.

Main Language of Instruction: German

#### Career Prospects:

Innerhalb von Forschung und Wissenschaft eröffnen Gender Studies innovative Forschungsperspektiven und Tätigkeitsfelder. Darüber hinaus sind die im Studium vermittelten Fachkompetenzen in zahlreichen Praxis-Bereichen einsetzbar: in öffentlichen und politischen Organisationen, in Unternehmen und Bildungseinrichtungen, in Nicht-Regierungs-Organisationen, Medien- und Kulturinstitutionen, Gleichstellungs-, Beratungs-, Sozial- und Gesundheitsdiensten.

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [genderstudies@aoi.uzh.ch](mailto:genderstudies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: Bettina Dennerlein

Coordination: Helena Rust

### Part of:

Master of Science Faculty of Science (120) (2021)

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Indian Studies

### Description:

#### General description:

Those completing the minor in Indian Studies have added a South Asian profile to their major and have acquired in-depth knowledge of the language, culture and society of the Indian subcontinent, and of relevant research approaches and current debates. This knowledge qualifies them to accentuate scholarly work in their own discipline with a thematic or linguistic focus on South Asia, or to embark work in an internationally oriented professional field with a South Asian connection.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Die Berufswahl wird sich in erster Linie am gewählten Major-Studienprogramm ausrichten. Durch den Minor «Indologie» kann sich aber bei entsprechender Kombination eine deutliche Erweiterung der Optionen ergeben. Das Spektrum beruflicher Anwendungsgebiete von Südasienskompetenz ist nämlich breit und reicht von Aufgaben in Wissenschaft und Forschung über Tätigkeiten in Unternehmen, Organisationen und Behörden bis hin zu Aufgabenbereichen im Migrations- und Integrationsbereich, in Kultur und Bildung, im Tourismus, Journalismus oder in der Erwachsenenbildung.

### Requirements:

Branch of Study: Geography, South Asian Studies, Linguistics, Political Science, Study of Religions, Social and Cultural Anthropology, Sociology, Comparative Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: ind.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)



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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Japanese Studies

### Description:

#### General description:

The minor in Japanese Studies imparts an in-depth knowledge of selected aspects of modern-day and historical Japan, including the modern written language and historical styles of speech and writing. Beyond this it gives an insight into the debates, theories, and methods of philological and social scientific research. Those completing the program can form an academically-based opinion on matters related to Japan on the basis of the latest research.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Ein Master in Japanologie eröffnet berufliche Möglichkeiten in vielen Tätigkeitsfeldern. Den Beruf des «Japanologen» oder der «Japa an sich nicht, doch die im Studium erworbene Kernkompetenz - Japan methodisch fundiert analysieren und verstehen - kann in unterschiedlichsten Berufsfeldern eingesetzt werden. Absolventinnen und Absolventen werden tätig in der Diplomatie und Verwaltung, im Journalismus, im Kulturaustausch, als spezialisierte Übersetzer, in der Privatwirtschaft oder streben eine wissenschaftliche Karriere an. Studierende beim Übergang ins Berufsleben aktiv zu unterstützen ist ein besonderes Anliegen der Zürcher Japanologie.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [jap.studies@aoi.uzh.ch](mailto:jap.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020



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Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Modern Asian and Middle Eastern Studies

### Description:

#### General description:

The minor in Modern Asian and Middle Eastern Studies introduces the social, cultural, and political dynamics of modernization and globalization processes across Asia and the Middle East from a comparative and historical perspective. It combines methods from the cultural and social sciences, and introduces various theoretical approaches. Those completing the program have acquired foundational knowledge of colonial and postcolonial transformations and of the differences and commonalities between the regions. They have obtained an overview of the history and structural parameters of modernization processes in Asia and the Middle East. The study program enables them to understand the main theoretical debates and connect them to concrete and relevant research questions.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The «MAMES» offers not only new understanding of the world and, when you fit for a career in any field that has to do with Asia and the Middle East and beyond in this globalized world. The acquired core competencies and skills to critically analyze and understand the modern world and its contradictory development from non-Western perspectives can be applied in a large field of jobs from diplomacy to international organizations, from journalism to international business, and from cultural exchange to scientific research.

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: eas.studentadmin@aoi.uzh.ch

Responsible Instructor: Angelika Malinar

Coordination: Kathrin Ensinger

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)



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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Sinology

### Description:

#### General description:

The minor in Sinology deepens the knowledge and skills acquired at Bachelor&apo level. It is an opportunity to explore in more depth a selected specialist field such as the literature, culture, language, or history of knowledge of China, and equips candidates to do their own independent scholarly work. Those graduating from the program have demonstrated an advanced knowledge of more of these areas, a mastery of spoken and written standard Chinese, a familiarity with working with primary sources, a knowledge of research in selected areas in the relevant academic languages, expertise in critically contextualizing information in relation to China, and general skills in addressing, presenting, and communicating complex issues in German, Chinese, and English. Thanks to the personal and social skills and experience in relation to China acquired during the program, those completing the program are able to skilfully navigate one of Asia's largest cultural and economic regions.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Studierende des Minors «Sinologie» erwerben eine Vielzahl von fachl sprachlichen, sozialen und persönlichen Kompetenzen, die eine souveräne Orientierung im grössten Kultur- und Wirtschaftsraum Ostasiens erlauben. Die vermittelten Kenntnisse befähigen zu einer wissenschaftlichen Qualifikation im Rahmen eines Doktorats und sie sind unverzichtbar für eine nachhaltige und erfolgreiche chinabezogene Arbeit in vielen nicht-akademischen Berufsfeldern wie etwa politische Beratung, Verlagswesen und Journalismus, Diplomatie und Verwaltung, Bibliotheks- und Stiftungswesen, Tourismus, Wirtschaft, Kulturvermittlung und Übersetzung.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [sin.studies@aoi.uzh.ch](mailto:sin.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 French Literature/Linguistics

### Description:

#### General description:

Those completing the program have in-depth knowledge in the field of French linguistics and/or literature, with the option of focusing exclusively on one of these areas. On the language and linguistics side they are familiar with the key aspects of French language history, its linguistic variations in the Gallo-Romanic context and/or the grammar and lexis of present-day French, also in contrast to German. On the literature side they are familiar with the material subject matter of French literary and genre history, and with methods of textual analysis and important literary theories. In their chosen field they have acquired initial skills in academic research and communication, and C2-level language skills. These skills pave the way, for example, for a Teaching Diploma for Upper Secondary Education, for a career in arts and culture mediation, or for a doctorate.

Main Language of Instruction: French

#### Career Prospects:

Le Master en langue et littérature française donne accès à des emplois qui supposent des connaissances approfondies en linguistique et littérature françaises et, de manière générale, du monde francophone. Outre les domaines mentionnés au Bachelor, il ouvre la voie à l'enseignement du français dans gymnases, à la recherche scientifique universitaire ainsi qu'à des emplois des organisations gouvernementales ou non, dans des entreprises internationales, au sein de la diplomatie et en traductologie. Selon la spécialisation choisie s'ouvrent d'autres perspectives professionnell cadre plurilingue, par exemple, grâce à une spécialisation en linguistique, dans le domaine informatique ou dans des entreprises de traitement commercial de l'information et de la langue. Le diplôme de Master est nécessaire au diplôme d'enseignement dans les gymnases (avec le français comme seconde matière enseignée) ainsi qu'à la poursuite d'une carrière académique l'université ou dans le cadre d'une autre institution de recherche en à l'étranger. Il permet notamment de préparer un doctorat.

### Requirements:

Branch of Study: French Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### Part of:



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Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Ibero-Romance Literatures/Linguistics

### Description:

#### General description:

The program gives the choice of gaining a deeper knowledge of the various literary and/or linguistic sub-areas of Spanish and, optionally, of Portuguese as well: history of literature and literary genres, theories and methods of textual analysis and cultural studies; history of language, linguistic structures, applying analysis of language various to historic and contemporary Ibero-Romance varieties, and collecting and analyzing linguistic data. Those completing the program are equipped to perform and communicate research on a largely independent basis, and have extended their contact with the academic community. They have improved their existing communication skills in Spanish to C2 level. The skills they acquire pave the way for a broad range of career choices, for example a doctorate or the Teaching Diploma for Upper Secondary Education.

Main Language of Instruction: Spanish

Further Languages of Instruction: Portuguese

#### Career Prospects:

Für die Absolventinnen und Absolventen des Minor-Studienprogramms «Iberoromanische Sprachwissenschaft / Literaturwissenschaft» eröffnen Perspektiven in verschiedenen Berufsfeldern, in denen hervorragende Kenntnisse der spanischen (sowie fakultativ auch der portugiesischen) Sprache sowie analytische und kommunikative Kompetenzen gefragt sind. Insbesondere qualifiziert das Studienprogramm für Bereiche, in denen wissenschaftliche Kenntnisse von Sprachen erforderlich sind, z.B. Kulturvermittlung, Journalismus, Verlags- und Bibliothekswesen oder internationale Organisationen und Unternehmen. Es kann auch Voraussetzung für weiterführende akademische Qualifikationen (Promotion) und Voraussetzung für das Lehrdiplom für Maturitätsschulen (mit zweitem Unterrichtsfach Spanisch) sein.

### Requirements:

Branch of Study: Ibero-Romance Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: [theres.kuratli@uzh.ch](mailto:theres.kuratli@uzh.ch)

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### Part of:



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Master of Arts (RVO19)  
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Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Film Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English, French

### **Requirements:**

#### **Organization:**

Organization: Department of Film Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Ancient History

### Description:

#### General description:

The Master's program in Ancient History imparts an in-depth knowledge of ancient history. Students acquire the ability to skilfully engage with scholarly findings from the discipline, think in terms of complex historical contexts, and present them. They are familiar with research questions in ancient history that are subject to controversial debate, develop their own concepts in this field, and work with sources and literature to present them in a structured fashion.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm qualifiziert für den Bereich der politischen und kulturellen Publizistik sowie des Tourismus. Ausserdem befähigt es für Aufgaben in verschiedenen Institutionen: Museen, Archiven, Bibliotheken, Firmen, Verbänden und Gemeinden, die sich besonders für die Pflege des antiken Erbes interessieren oder öffentlichkeitswirksame Projekte auf dem Gebiet der Alten Geschichte verfolgen.

### Requirements:

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Medieval History

### **Description:**

#### General description:

The Master's program in Medieval History imparts an in-depth knowledge of Middle Ages in Europe, enabling students to develop specialist expertise in political history and the social, economic, and cultural history of the medieval period. They gain experience in working with medieval manuscripts and archive material. They are familiar with the major areas of controversy in medieval studies, and develop their own concepts in this field.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm qualifiziert für den Bereich der politischen und kulturellen Publizistik sowie des Tourismus. Ausserdem befähigt es für Aufgaben in verschiedenen Institutionen: Museen, Archiven, Bibliotheken, Firmen, Verbänden und Gemeinden, die sich besonders für die Pflege des mittelalterlichen Erbes interessieren oder öffentlichkeitswirksame Projekte auf dem Gebiet der mittelalterlichen Geschichte verfolgen.

### **Requirements:**

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### **Part of:**

Master of Science Faculty of Science (120) (2021)

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## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Eastern European History

### Description:

#### General description:

The Master's program in Eastern European History provides an in-depth know of the basic structures of the history of Eastern Europe. Students acquire the expertise to engage with scholarly findings in the discipline, work independently on historical topics, and do their own research. The program equips them for an academic career related to history, cultural heritage, or culture and history in general or in relation to Eastern Europe specifically.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Tätigkeitsfelder eröffnen sich im Archiv-, Museums- und Ausstellungswesen, in Bibliotheken, Dokumentationsstellen und Verlagen, im Journalismus und allgemein in der Medien- und Kommunikationsbranche. Weitere berufliche Perspektiven bieten die öffentliche Verwaltung, Verbände und Parteien sowie die Privatwirtschaft. Das Studium ist auch eine hervorragende Vorbereitung für den diplomatischen Dienst.

### Requirements:

Branch of Study: History, Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatungoes@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Digital Linguistics

### Description:

#### General description:

Those completing the program are familiar with methods of linguistic data acquisition and have acquired knowledge in the automatic processing and analysis of large corpora and databases. They have programming skills and have deepened their knowledge in topics of their own choice, such as machine learning, machine translation, text mining, the semantic web, and parsing. They are able to read research papers on linguistics and language technology and apply the latest methods to large collections of linguistic data.

Main Language of Instruction: English

#### Career Prospects:

Es bieten sich drei Hauptberufsfelder an: (1) Datenanalyse und Datenerhebung (Industrie allgemein, Medienunternehmen, IT-Firmen, Verwaltungen, Behörden, Bibliotheken): Im Tätigkeitsfeld Datenerhebung und -analyse sammelt, produziert und/oder annotiert man Sprachdaten und klassifiziert, aggregiert und analysiert sie. Weitere Aufgabenschwerpunkte bestehen darin, Daten zu verwalten oder für unterschiedliche Verwendungen aufzubereiten und zu konvertieren. Im Bereich Sprachtechnologie geht es vor allem um automatische Analyse von Medienberichten, automatische Sentimentanalyse (z.B. für Markt- und Meinungsforschung) und Semantikanalyse. Auch Frage-Antwort-Systeme und automatische Klassifizierung von Dokumenten und Kurztexten (z.B. Emails, Kundenanfragen etc.) sind Anwendungen der Sprachtechnologie.

(2) Terminologie und Übersetzung, Dokumentenmanagement (Firmen): Viele internationale Firmen, bzw. Firmen, die für den internationalen Markt produzieren, haben eigene Terminologie- und Übersetzungsabteilungen, in denen Computerlinguisten/-linguistinnen für die Implementation und den Ausbau bestehender Softwarelösungen zuständig sind. Dazu gehören neben der Pflege und Erweiterung bestehender Sprachressourcen auch das Trainieren von Übersetzungsverfahren anhand von neuem, ggfs. eigens dafür geschaffenem, multilingualem Sprachmaterial (Korpora). Auch die Evaluation von neuer Software und die Qualitätskontrolle und Optimierung existierender Lösungen gehören zu den Aufgaben.

(3) Consulting im Bereich Sprachtechnologie: Die Hauptaufgabe im Tätigkeitsfeld Consulting besteht darin, Lösungen für sprachtechnologische Fragestellungen eines Unternehmens oder einer Behörde zu finden. Dabei muss der Bedarf des Unternehmens analysiert und Sprachtechnologie-Methoden und -Tools evaluiert werden, um optimale Lösungen für die Fragestellung vorzuschlagen und deren Implementierung zu begleiten. Consulting kann dabei auch die Schulung und Weiterbildung von Anwendern im Betrieb oder der Behörde beinhalten. Die Aufgabe besteht dann darin, computerlinguistisches Grundwissen in geeigneter didaktischer Form aufzubereiten und zu vermitteln. Entscheidungsprozesse für die Entwicklung und den Einsatz sprachtechnologischer Produkte sind in bestimmten Fällen nicht nur mit kommerziellen, sondern auch mit ethischen Fragestellungen verknüpft. Consulting umfasst dann als Aufgabe auch die Sensibilisierung für gesellschaftliche Chancen, aber auch der Risiken beim Einsatz von Sprachtechnologie.

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.



Organization: Department of Computational Linguistics

Academic Advisor: study@cl.uzh.ch

Responsible Instructor: Rico Sennrich

Coordination: Jeannette Roth

**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Ancient Studies

### Description:

#### General description:

The study program fosters an interdisciplinary approach to the ancient world of the Mediterranean in more depth. Those completing the program have consolidated scholarly know-how in two of the four areas of antiquity - literatures and their languages, material cultures, historical events and developments, religions and philosophical traditions. They have learned to handle the relevant tools with confidence, and at the same time have further built their language portfolio. They are familiar with the history of ancient and classical studies and the most important trends in contemporary research. They have experience in leading discussions and in scholarly argument, and in communicating complex issues. In general they have consolidated the attitudes they endeavored to develop at Bachelor's level (such as intellectual curiosity, intercultural competence, etc.), preparing them for a variety of careers and professions both inside and outside the university.

Main Language of Instruction: German

#### Career Prospects:

Ein Master-Abschluss in Altertumswissenschaften ist die Qualifikation für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre auf dem Gebiet der griechischen und lateinischen Antike. Daneben qualifiziert der Abschluss für Tätigkeiten in den verschiedensten Bereichen, darunter im Bildungs- und Bibliothekswesen sowie im Kultursektor, in der öffentlichen Verwaltung und im Journalismus. Er eröffnet Zugänge zu Spezialausbildungen und Aufbaustudien, über die sich ein breites Feld weiterer beruflicher Tätigkeiten erschliesst.

### Requirements:

Branch of Study: Archaeology, History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Andreas Victor Walser

Coordination: Fabian Zogg

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Master of Science Faculty of Science (120) (2021)  
Master of Arts (RVO19)  
Master of Arts in Social Sciences (RVO19)  
Master of Arts UZH in Study of Religions Bologna 2020  
Master of Theology UZH Bologna 2020  
Master of Arts in Ancient Judaism (JDP)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Economic History

### Description:

#### General description:

Historians and economists use different models and terminologies to explain economic developments, and business and economic policy decisions. The interdisciplinary study program removes these barriers to understanding to build a productive relationship of cooperation between the two disciplines.

Economists learn about the significance of historical factors, while historians gain familiarity with the argumentation and research contexts of economics. The study program is cross-epochal, cross-faculty, and interdisciplinary. It combines quantitative and qualitative methods and brings different topics together.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm eröffnet ein breites Tätigkeitsfeld in Forschung und Lehre, Grossunternehmen und KMUs. Darüber hinaus qualifiziert es für Führungsfunktionen in Unternehmen, Stiftungen, Berufsverbänden und internationalen Organisationen, die ein breites Verständnis für das komplexe Zusammenwirken wirtschaftlicher und sozialer Faktoren voraussetzen.

### Requirements:

Branch of Study: Business Administration, History, Economics

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: [wirtschaftsgeschichte@hist.uzh.ch](mailto:wirtschaftsgeschichte@hist.uzh.ch)

Responsible Instructor: Matthieu Leimgruber

Coordination: Salome Egloff

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020



**Universität  
Zürich<sup>UZH</sup>**

Master of Theology UZH Bologna 2020

Master of Arts UZH in Business and Economics (RVO22)

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Archaeologies

### Description:

#### General description:

The minor in Archaeologies imparts a knowledge of the sources, material, and methods of prehistoric, classical, and medieval archaeology. The program examines the cultural development of human societies, primarily in Europe and the Mediterranean region, from their beginnings to the start of the modern era, on the basis of material remains. The focus is on independent scholarly work, structured, analytical, and connected thinking, and critical engagement with sources, methods, and research findings. The minor in Archaeologies gives those completing a major in a related subject an additional qualification.

Main Language of Instruction: German

#### Career Prospects:

Der Minor «Archäologien» ergänzt die Qualifikation der Absolventinnen Absolventen mit einem Major in einem verwandten Fachgebiet

### Requirements:

Branch of Study: Archaeology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Archaeology

Academic Advisor: studienberatung@archaeologie.uzh.ch

Responsible Instructor: Corinna Simone Reinhardt

Coordination: Christina Eugenia Lolos

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Interdisciplinary Archaeological Sciences

### Description:

#### General description:

The minor in Interdisciplinary Archaeological Sciences imparts an in-depth knowledge of the sources, material, and methods of archaeometry, bioarchaeology, geoarchaeology, and comparative archaeology. The program examines the physiographic relationships in human societies, juxtaposing cultural developments on a large scale from a global and diachronic perspective on the basis of material remains and cultural and anthropological comparison. The focus is on independent scholarly work, structured, analytical, and connected thinking, and critical engagement with sources, methods, and research findings. The minor in Interdisciplinary Archaeological Sciences gives those completing a major in a related subject an additional qualification.

Main Language of Instruction: German

#### Career Prospects:

Der Minor «Interdisziplinäre Archäologische Wissenschaften» ergänzt Qualifikation der Absolventinnen und Absolventen mit einem Major in einem verwandten Fachgebiet. Er befähigt insbesondere zur archäologischen Arbeit mit interdisziplinären Schnittstellen zu Archäometrie, Bioarchäologie, Geoarchäologie und komparativer Archäologie. Tätigkeitsfelder sind die Vermittlung archäologisch-interdisziplinärer Inhalte an Fachwelt und Öffentlichkeit durch Publikationen, Ausstellungen und Präsentationen. Mögliche Arbeitgeber sind die Ämter der Kantonsarchäologien, Grabungsfirmen, Museen, Forschungsinstitutionen, spezialisierte Labore, Kulturbehörden, Bildungswesen und Tourismus.

### Requirements:

Branch of Study: Archaeology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Archaeology

Academic Advisor: studienberatung@archaeologie.uzh.ch

Responsible Instructor: Corinna Simone Reinhardt

Coordination: Christina Eugenia Lolos

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Communication Science and Media Research

### Description:

#### General description:

The minor program in Communication Science and Media Research gives candidates in-depth specialist theoretical knowledge, a familiarity with the latest research findings, and comprehensive empirical-methodological qualifications in the social sciences - all of which equips them to plan and carry out empirical research independently. The analytical capabilities and theoretical, methodological, communicative, and organizational skills acquired by those completing the program qualify them for organizational, evaluative, and managerial positions in various areas of modern communications, including work in applied media, communications, market and opinion research; the evaluation of communications services and media innovations; organizational communications and public relations; media management; and continuing education in the field of communications.

Main Language of Instruction: German

### Requirements:

Branch of Study: Communication and Media Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Communication and Media Research

Academic Advisor: [programmkoordination@ikmz.uzh.ch](mailto:programmkoordination@ikmz.uzh.ch)

Responsible Instructor: Mark Eisenegger

Coordination: Stefanie Andrea Hangartner

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Art History

### Description:

#### General description:

The Art History study program is concerned with artworks and their history from the early Christian period in Europe up to the globalized present-day. Those completing the program have extended the academic skills acquired in their Bachelor's studies to be able to work with artworks of different genres, and have built their own independent profile within the discipline. The program trains students to approach works of art on a considered methodological basis. There is a particular focus on history, the media, and the spaces of art.

Main Language of Instruction: German

### Requirements:

Branch of Study: Art History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 East Asian Art History

### Description:

#### General description:

The East Asian Art History study program looks at archaeological artifacts, artworks, and other evidence of the visual culture of China, Korea, and Japan and their historical development, regional interconnections, and current manifestations. Building on the basic knowledge gained at Bachelor's level students acquire a deeper specialist, research-based knowledge of specific genres, work on essential scholarly methodologies and subject matter, and develop their own research interests more intensively. Those completing a Master's with a minor in East Asian Art History are qualified for careers universities, in museums, art dealing, and galleries, but also in journalism, tourism, and publishing.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Art History, East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 German Literature/Linguistics

### Description:

#### General description:

Building on the Bachelor's, the Master's study program imparts enhanced and specialized knowledge in both a contemporary and historical respect. Those completing the program are able to place the scholarly discourses in which the fields treated by German language and literature, including new forms of communication and media representations, are debated, in the context of research and assess them critically. They are able to take a scholarly approach to and reflect on specialist questions using the relevant methods and theories, clearly structure complex issues, and apply them to new issues and problems.

Main Language of Instruction: German

#### Career Prospects:

Der Minor «Deutsche Sprach-/Literaturwissenschaft» bereitet die Stu für die spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen der wissenschaftlich fundierte und spezialisierte Umgang mit deutscher Sprache und Literatur gefragt ist, wie etwa schulische und ausserschulische Ausbildung, Sprachvermittlung, Verlagswesen, kulturelle Einrichtungen (Theater, Bibliotheken, Museen, Literaturhäuser u.ä.), PR und Marketing u.a. Sie sind aber auch für vielfältige andere Aufgaben etwa im Bankenwesen, in der Verwaltung oder im Projektmanagement vorbereitet, die ein geschultes analytisches Denken und die Fähigkeit, komplexe Strukturen und Zusammenhänge zu erkennen, voraussetzen. Das Studienprogramm bildet die Voraussetzung für die Gymnasiallehrerinnen und -lehrerausbildung. Es bereitet aber auch auf weiterführende wissenschaftliche Tätigkeiten vor, z. B. für die Anstellung bei einer wissenschaftlichen Institution (Forschungsinstitute, Archive, Universitäten, Stiftungen u.ä.).

### Requirements:

Branch of Study: German Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-DSL@ds.uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)



**Universität  
Zürich<sup>UZH</sup>**

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Scandinavian Studies

### Description:

#### General description:

The minor in Scandinavian Studies builds on the Bachelor's study program to impart a more complete, in-depth and specialized knowledge of the subject.

Besides building better active language skills, candidates acquire a passive knowledge of an additional Scandinavian language and the ability to engage with scholarly questions and critically assess research opinions and specialist discourses in the field of Scandinavian languages, cultures, and literatures.

They also build skills in inter-Scandinavian communication, translation studies, and cultural mediation. Those completing the program are equipped to engage with and apply in a scholarly, reflective manner methods and theories of cultural and literature studies to subjects related to Scandinavian studies, and are able to do structured, solution-driven analysis of complex new issues and problems.

Main Language of Instruction: German

Further Languages of Instruction: Danish, Swedish

#### Career Prospects:

Die Master Studienprogramme «Skandinavistik» bereiten die Studierenden spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen der wissenschaftlich fundierte und spezialisierte Umgang mit literaturwissenschaftlichen und transkulturellen Themenfeldern gefragt ist, wie etwa außerschulische Ausbildung, Sprachvermittlung, Verlagswesen, kulturelle Einrichtungen (Theater, Bibliotheken, Museen, Literaturhäuser u.ä.), PR und Marketing u.a. Die Studienprogramme bereiten aber auch auf weiterführende wissenschaftliche Tätigkeiten vor, z. B. im Rahmen eines Doktoratsstudiums oder für die Anstellung bei einer wissenschaftlichen Institution (Forschungsinstitute, Archive, Universitäten, Stiftungen u.ä.).

### Requirements:

Branch of Study: Nordic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: [annakatharina.richter@uzh.ch](mailto:annakatharina.richter@uzh.ch)

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Master of Science Faculty of Science (120) (2021)  
Master of Arts (RVO19)  
Master of Arts in Social Sciences (RVO19)  
Master of Arts UZH in Study of Religions Bologna 2020  
Master of Theology UZH Bologna 2020  
Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Cultural Analysis

### Description:

#### General description:

The minor in Cultural Analysis allows candidates to engage on a theoretical, interdisciplinary basis with culture to acquire knowledge and skills allowing them to analyze, criticize, and read human knowledge and behavior in all possible cultural contexts. The study of cultural analysis provides an introduction to the various theoretical and historical cultural concepts, makes forms of culture and their semiotic, material, and media constitutions readable, analyzes culture in relation to social power structures that co-constitute human knowledge and action in its dimensions of meaning, and critically discusses the current global debates on the status of culture.

Thanks to their theoretical and interdisciplinary engagement with culture, those completing the program are equipped to do independent intellectual work on the basis of analysis, criticism, and reading.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: [kulturanalyse@ds.uzh.ch](mailto:kulturanalyse@ds.uzh.ch)

Responsible Instructor: Christine Suzanne Lötscher

Coordination: Benno Wirz

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Comparative Germanic Linguistics

### Description:

#### General description:

The minor in Comparative Germanic Linguistics builds on the Bachelor's stu program to impart a more complete, in-depth and specialized knowledge of the subject, expanding and extending the skills acquired at Bachelor's level, particularly in terms of methodological independence, theoretical consistency and concrete knowledge of the material. Key components of the program are the structural and varietal manifestations of the Germanic languages, their diachronic lines of development, and the philological and historical contexts.

Those who complete the program are equipped for autonomous scholarly engagement with current research positions and to embark on new research questions.

Main Language of Instruction: German

#### Career Prospects:

Das Master Studienprogramm «Vergleichende germanische Sprachwissenschaft& (Minor) bereitet die Studierenden für die spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen analytische Kompetenzen sowie der wissenschaftlich fundierte und spezialisierte Umgang mit sprachlichen und kulturellen Daten erforderlich ist, etwa in den Bereichen Verlags-, Bibliotheks- und Publikationswesen, Medien, Public Relations und öffentliche Kommunikation. Der Minor kann unter bestimmten Bedingungen zum Lehramtsfach ausgebaut werden. Zudem bereitet das Studienprogramm auf weiterführende wissenschaftliche Tätigkeiten vor, beispielsweise im Rahmen eines Doktoratsstudiums oder für die Anstellung bei einer wissenschaftlichen Institution (Forschungsinstitute, Archive, Universitäten, Stiftungen u.ä.).

### Requirements:

Branch of Study: German Language and Literature, English Language and Literature, Linguistics, Nordic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-vgs@ds.uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)



**Universität  
Zürich<sup>UZH</sup>**

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Educational Science

### Description:

#### General description:

Educational Science examines questions and problems related to upbringing, education, learning, assistance, and socialization. The Master's degree in Educational Science builds on the Bachelor's degree program in Educational Science. Those completing the minor in Educational Science are familiar with the relevant terminology, theories, and research approaches and traditions of educational Science, and have an in-depth knowledge of selected topics within the discipline.

They are able to analyze, reflect on, and interpret theoretical and empirical findings within these thematic areas. The minor provides additional qualifications for a wide range of roles, primarily in the public and private research, education, and social sector.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im Minor-Studienprogramm «Erziehungswissenschaft» auf ergänzt das Qualifikationsprofil für eine Vielzahl von Tätigkeitsfeldern im öffentlichen wie privaten Forschungs-, Bildungs- und Sozialwesen sowie in der Bildungs- und Sozialpolitik, einschliesslich Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit.

### Requirements:

Branch of Study: Education Studies, Special Education, Psychology, Social Work and Social Policy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Social and Cultural Anthropology

### Description:

#### General description:

Social and cultural anthropology focuses on human cultures and societies. It studies the ecological, economic, political, legal, social, and cultural dimensions of human sociality in its diversity and historical development. It places the emphasis on the empirical, comparative, and theoretically reflective analysis of a wide range of topics, for example everyday practice, social and religious movements, conflicts, and development organizations. Those completing the program enhance their ability to work scientifically, deepen their knowledge of the theories and methods of social and cultural anthropology, and familiarize themselves with the ethnography of a particular region in the world. They learn to quickly understand new contexts and grasp their systematic character, and are able to act competently under complex conditions.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Ethnologinnen und Ethnologen arbeiten nach dem Studium z.B. in der Wissenschaft und in Museen, in der Entwicklungszusammenarbeit, in internationalen Organisationen, in Nicht-Regierungsorganisationen, in der öffentlichen Verwaltung, in Verbänden, in den Medien, in Verlagen, in der Unternehmensberatung oder im Kulturmanagement.

### Requirements:

Branch of Study: Social and Cultural Anthropology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

#### Organization:

Academic Advisor: ethno-studienleitung-jph@isek.uzh.ch

Responsible Instructor:

Coordination:

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Economic Education

### Description:

#### General description:

The minor in Economic Education is concerned on the one hand with specific questions related to vocational training, continuing education, and socialization, and on the other with general questions of upbringing, education, and socialization. Those completing the program have a basic knowledge of the terminology, theories, and research approaches of educational science, and specific knowledge of selected theories, concepts, and findings in adult and continuing education, educational policy, professional and specialist development, vocational training and education systems, the training and education market, lifelong learning, and workplace digitalization. The minor provides additional qualifications for a wide range of roles in the public and private education and social sector, and particularly in vocational training and education.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im komplementären Minor-Studienprogramm «Berufs- und Wirtschaftspädagogik» auf Masterstufe ergänzt das Qualifikationsprofil für Vielzahl von Tätigkeitsfeldern im öffentlichen wie im privaten Bildungs- und Sozialwesen - insbesondere in der beruflichen Aus- und Weiterbildung - sowie in der Bildungs- und Sozialpolitik, einschliesslich Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Education in the Life Course

### Description:

#### General description:

The minor in Education in the Life Course looks into questions and problems related to upbringing, education, learning, assistance, and socialization, and analyzes corresponding processes and professional practices under both general and special conditions. Those completing the program have a basic knowledge of the terminology, theories, and research approaches of educational science, and specific knowledge of selected theories, concepts, and findings related to educational transitions and selection processes, biographical and development research, including education, democracy, and upbringing, and various contexts and stakeholders in education. The minor provides additional qualifications for a wide range of roles, primarily in the public and private education and social sector.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im komplementären Minor-Studienprogramm «Bildung im Lebensl auf Masterstufe ergänzt das Qualifikationsprofil für eine Vielzahl von Tätigkeitsfeldern im öffentlichen wie privaten Bildungs- und Sozialwesen sowie in der Bildungs- und Sozialpolitik, einschliesslich Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Ancient Judaism (JDP)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Linguistics

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: English

Further Languages of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Faculty of Arts and Social Sciences

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Chinese Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Institute of Asian and Oriental Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Japanese Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Institute of Asian and Oriental Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Islamic Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Institute of Asian and Oriental Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Greek Philology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Greek and Latin Philology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Latin Philology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Greek and Latin Philology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Medieval and New Latin Philology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Greek and Latin Philology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Indian Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Institute of Asian and Oriental Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate German Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of German and Scandinavian Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Scandinavian Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of German and Scandinavian Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Cultural Analysis

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of German and Scandinavian Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate French Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: French

### **Requirements:**

#### **Organization:**

Organization: Department of Romance Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Italian Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: Italian

### **Requirements:**

#### **Organization:**

Organization: Department of Romance Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Spanish Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: Spanish

### **Requirements:**

#### **Organization:**

Organization: Department of Romance Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Portuguese Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: Portuguese

### **Requirements:**

#### **Organization:**

Organization: Department of Romance Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Rhaeto-Romanic Language and Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

### **Requirements:**

#### **Organization:**

Organization: Department of Romance Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Comparative Romance Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

### **Requirements:**

#### **Organization:**

Organization: Department of Romance Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate English and American Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: English Department

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate English Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: English Department

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Slavic Literature

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Slavonic Languages and Literatures

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Cultural Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Social Anthropology and Cultural Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Computational Linguistics and Phonetics

### Description:

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: English

Further Languages of Instruction: German

### Requirements:

#### Organization:

Organization: Department of Computational Linguistics

Responsible Instructor:

Coordination:

#### Part of:

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate History

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of History

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Prehistoric Archaeology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Archaeology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Art History

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Institute of Art History

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate East Asian Art History

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Institute of Art History

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Classical Archaeology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Archaeology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Medieval Archaeology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Institute of Art History

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Social and Cultural Anthropology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: English

Further Languages of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Social Anthropology and Cultural Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Musicology

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Institute of Musicology

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Study of Religions

### Description:

#### General description:

The Bachelor's degree program in Religious Studies as a major program of study is designed as a wide-ranging scholarly introduction to the historical and contemporary relationships between religion, culture, and society. The core curriculum is divided into three pillars that complement one another in terms of methodology and subject matter.

These pillars involve the study of religions from a historical-comparative, social science, and systematic-theoretical perspective. Here, basic courses impart knowledge of various religious traditions, while language courses allow for an in-depth study of individual sources and traditions. Methodology courses teach students various techniques for collecting and analyzing data. Lectures and seminars address the transformation of the meaning and function of religion throughout history and in the present day.

The major program can be combined with a minor program of study offered the Faculty of Theology and the Study of Religion or another faculty.

### Requirements:

Branch of Study: Study of Religions

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Major/Minor-Combinations: A major in Religious Studies can basically be combined with any minor program of study at the University of Zurich (exception: minor program in Religious Studies).

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

### Part of:

BA UZH in Study of Religions Bologna 2020



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Computer Science (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Philosophy (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Pedagogy/Psychology (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Greek (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Latin (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 German (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 French (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Italian (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Spanish (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 English (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Russian (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 History (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Mathematics (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Physics (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Chemistry (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Geography (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Biology (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Religion (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Computer Science (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Philosophy (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (Lfm)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Pedagogy/Psychology (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (Lfm)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Greek (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Latin (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 German (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 French (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Italian (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Spanish (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Rhaeto-Romanic (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 English (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Russian (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 History (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Mathematics (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (Lfm)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Physics (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)





## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Chemistry (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Geography (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Biology (2nd Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in two subjects is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subjects at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject Economics and Law (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Computer Science (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Philosophy (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject Pedagogy/Psychology (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Greek (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Latin (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject German (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject French (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Italian (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Spanish (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject English (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Russian (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject History (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Mathematics (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject Physics (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Chemistry (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Geography (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject Biology (Teaching Subject)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Economics and Law

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Computer Science

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Philosophy

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Pedagogy/Psychology

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Greek

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Latin

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject German

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject French

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Italian

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Spanish

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Rhaeto-Romanic

### **Description:**

General description:

Rhaeto-Romanic

### **Requirements:**

### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

### **Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)





## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject English

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Russian

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject History

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Mathematics

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Physics

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Chemistry

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Geography

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Biology

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Theoretical Astrophysics and Cosmology (Fast-Track)

### Description:

#### General description:

The specialized Fast Track single major study program in Theoretical Astrophysics&nbsp;&&& &&&nbsp;Cosmology (90 ECTS credits) at Master's level exceptional students envisioning an academic career. The program takes students to the forefront of our understanding of our Universe. Together with the core courses in advanced theoretical astrophysics and cosmology, an original research project is carried out with a faculty member (55 ECTS credits). This can range from a computational astrophysics project, to analysing data from observations or supercomputer simulations, or carrying out a theoretical project. At least 30 ECTS credits are earned through research seminars, lectures, exercises and internships in the chosen specialist area. This program is ideally suited for students wishing to carry out doctoral studies in astrophysics, cosmology or theoretical physics.

:

The fast-track program furthers students scientific education and fosters their abilities for independent research. Students will be prepared for careers in industry, at research institutes and at universities.

Main Language of                      English

Instruction:

### Requirements:

:

The Fast-Track program in Theoretical Astrophysics and Cosmology is a specialized Master's program with specific additional admission requiremen

For admission to the program, the following conditions have to be met:

- Bachelor's degree from the University of Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university.
- Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member.

The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on the recognition of studies and credit points acquired elsewhere.

:

The Fast-Track program in Theoretical Astrophysics and Cosmology is a specialized Master's program with specific additional admission requirements.

For admission to the program, the following conditions have to be met:

- Bachelor's degree from the University of Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university.
- Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member.

The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on the recognition of studies and credit points acquired elsewhere.

#### Grading:

The student's achievement is assessed at the end of each module. Achieveme are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: At least 30 ECTS must come from modules that have been approved by the doctoral committee. One year after the starting the Master's thesis, the student must submit it and pass an exam, as described in the MNF study regulations "3. Physik &sect; 4.3 Masterarbeit /-prüfung." Thereafter, the student transitions the doctoral program "Theoretical Astrophysics and Cosmology." The doctoral program includes a dissertation, with a scope appropriate for the respective field. During the program the full doctoral program shall be completed in accordance with the official PhD regulations.

Major/Minor-Combinations: The specialized Fast-Track Master's study program in Theoretical Astrophysics and Cosmology 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: Prof. Ravit Helled, [ravit.helled@uzh.ch](mailto:ravit.helled@uzh.ch)

Responsible Instructor: Ravit Helled

Coordination: Elzbieta Joanna Rembelska

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Biochemistry

### Description:

#### General description:

The single major study program in Biochemistry (90 ECTS credits) at Master's level builds up on a Bachelor's degree in biochemistry. The program imparts guiding knowledge in structural biology, protein engineering and biochemistry.

Sound experimental competencies are developed within a research project and the Master's thesis. In the area of generic competencies the abilities to transfer concepts, to describe problems and to formulate hypotheses are promoted. The Master's degree in Biochemistry is the professional qualification for research activities in the life sciences. Program structure: The single major study program in Biochemistry takes three semesters. It starts with a research project and advanced level lectures in structural biology, protein engineering, biochemistry and bioinformatics, followed by the Master's thesis which takes six months. The Master's program is completed with a subject-specific Master's examination.

:

A single major study program Biochemistry 90 at the master's level offers students a deepened theoretical exploration of Structural Biology, Protein Engineering and molecular Biochemistry and allows them to further develop their experimental skill within projects and their master's thesis.

Main Language of English

Instruction:

#### Career Prospects:

The Master's degree in Biochemistry is the professional qualification for research activities in the life sciences.

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the Master's degree course:

- A Bachelor's degree from the Faculty of Science of the University of Zurich whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses.

- Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference.

Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biochemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The single major study program in Biochemistry at the Master's level takes three semesters. It starts with a research project and advanced level lectures in structural biology, protein engineering, biochemistry and bioinformatics, followed by the Master's dissertation which takes six months. The Master's program is completed with a subject-specific Master's examination.

Major/Minor-Combinations: The Master's study program in Biochemistry 90 can be taken as a single major combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, [studienberatung@bioc.uzh.ch](mailto:studienberatung@bioc.uzh.ch)

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Biology

### Description:

#### General description:

The single major study program in Biology (90 ECTS credits) at Master's level allows to concentrate on a specific field within Biology. An MSc degree is required for all academic professions in Biology and meets the scientific requirements for the Teaching Diploma for Upper Secondary Education in Biology.

:  
Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities. The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences  
Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The single major study program in Biology is accredited with 90 ECTS credits and lasts three semesters in full-time studies. The work is divided between special lectures, block courses, a Master's thesis, optional project work, colloquia and seminars according to individually adapted "learning agreements" concluded with the Master's coordinators.

Further information:

<http://www.biologie.uzh.ch/Studium/Masterstudium/MasterStudies.html>

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: [studienkoordination@biol.uzh.ch](mailto:studienkoordination@biol.uzh.ch)

Responsible Instructor: Esther Stoeckli

Coordination: Karin Isler

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Physics (Fast Track)

### **Description:**

#### General description:

The specialized Fast Track single major study program in Physics (90 ECTS credits) at Master's level is meant for excellent students envisioning an academic career. They deepen their understanding of a specialist area (condensed matter physics, elementary particle physics or astro(particle) physics and cosmology or biological and medical physics). The Master's thesis on a topical subject lays the foundation of independent research work, which is continued in the framework of a PhD thesis in the graduate school. The MSc is the qualification required for academic professions in Physics and meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Secondary Education. Course components: At least 35 ECTS credits are earned through research seminars, lectures, exercises and practicals.

Individual specialization is possible through optional modules. The Master's thesis (45 ECTS credits) is presented publicly as part of the Master's exam.

:

The fast-track program furthers students' scientific education and fosters their abilities for independent research. Students will be prepared for careers in industry, at research institutes and at universities.

Main Language of English

Instruction:

#### Career Prospects:

After successful completion of the Fast-Track program, students are expected to enter the doctoral program in physics. This program is therefore intended for students who pursue an academic career.

The studies prepare physicists not only for scientific research. On completion of their degree they are also very much in demand in business, banks and insurance companies, as research managers or patent lawyers, in telecommunications and optical firms, etc., as system analysts and all-rounders. In addition, there is a great demand for physicists in Teaching at secondary schools.

#### Further Study Options:

The Master's degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions. Details are set out in the general conditions and/or conditions of study.

The program also meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Secondary Education.

### **Requirements:**

#### Further Study Options:

The Fast-Track program in physics is a specialized Master's study program with specific additional admission requirements. For admission to the program, the following conditions have to be met:

Bachelor's degree from the University of Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university. Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member.

The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on



the recognition of studies and credit points acquired elsewhere.

The Masters degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions. Details are set out in the general conditions and/or conditions of study.

The program also meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Secondary Education.

:

The Fast-Track program in physics is a specialized Master's program with specific additional admission requirements. For admission to the program, the following conditions have to be met: Bachelor's degree from the University Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university. Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member. The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on the recognition of studies and credit points acquired elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: At least 35 ECTS Credits are earned through research seminars, lectures, exercises and practicals in the chosen specialist area. Individual specialization is possible through optional modules. The Master's thesis ( ECTS Credits) is presented publicly as part of the Master's exam.

Major/Minor-Combinations: The specialized Fast-Track Master's study program in Physics 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. However, part-time studies are not recommended.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

**Part of:**

Master of Science Faculty of Science (90) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Physics

### Description:

#### General description:

The single major study program in Physics (90 ECTS credits) at Master's level provides students with an in-depth scientific education and the skills needed to carry out independent research. The students deepen their understanding of a specialist area (condensed matter physics, elementary particle physics, biological and medical physics or astro(particle) physics and cosmology). The MSc is the qualification required for academic professions in Physics and meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Upper Secondary Education. Course components: At least 35 ECTS credits are earned through research seminars, lectures, exercises and practicals in the chosen specialist area. Individual specialization is possible through optional modules. The Master's thesis (50 ECTS credits) is presented publicly as part of the Master's exam.

:

The focus of the master's program in Physics is in gaining experience in research. Depending on their field of specialization, students will deepen and extend the skills they acquired over the course of their bachelor.

1. Independent handling of a research problem - either experimentally in the lab, using modern measurement techniques, or through constructing a theoretical model of the process and using it to solve the problem.
2. Deepening their knowledge of physical concepts in accordance with their field of specialization.

Main Language of Instruction: English

#### Further Study Options:

The Masters degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions. Details are set out in the general conditions and/or conditions of study.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degree Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The single major study program Physics 90 at Master's level at the University of Zurich is offered in four specialized fields:

- physics of condensed matter
- elementary particle physics
- astroparticle physics and cosmology
- biological and medical physics

At least 35 ECTS Credits are earned through research seminars, lectures, exercises and practicals in the chosen specialist area. Individual specialization is possible through optional modules. The Master's thesis (ECTS Credits) is presented publicly as part of the Master's exam.

Major/Minor-Combinations: The Master's study program in Physics 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study can be prolonged with no problems. Specific models for part-time study are created individually

Organization: Faculty of Science

Academic Advisor: Prof. Christof Aegerter, [christof.aegerter@physik.uzh.ch](mailto:christof.aegerter@physik.uzh.ch) Dr. Matthias Hengsberger, [matthias.hengsberger@physik.uzh.ch](mailto:matthias.hengsberger@physik.uzh.ch) Dr. Katharina Müller, [kmueeller@physik.uzh.ch](mailto:kmueeller@physik.uzh.ch)

Responsible Instructor: Christof Aegerter

Coordination: Anna Katharina Troller

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Medical Biology (specialized Master)

### Description:

#### General description:

The specialized single major study program in Medical Biology (90 ECTS credits) at Master's level enables scientifically interested and especially gifted graduates of a medical Master's course a biologically focused additional qualification which prepares them for an occupation in medical or veterinary research. Research comprises all forms of the investigation of causes, emergence and progression of disease, as well as the scientific confrontation with its prevention, diagnosis and treatment, including patient-oriented clinical research. Students should become capable of incorporating their scientific competence into disease and patient-oriented research. The single major study program in Medical Biology generally requires three semesters, consisting of course work, a Master's thesis and a final module.

:

The specialized mono study program Medical Biology 90 at Master's level is particularly for talented medical graduates who are interested in the natural sciences to acquire additional education in biology, so as to prepare them for research in medical or veterinary fields. Such research can focus on a wide array of topics, such as the origins, development and progression of diseases as well as their prevention, recognition and treatment, and often involves patient-oriented clinical research. The program's objective is to empower students to implement their scientific knowledge in disease- and patient-oriented research.

Main Language of Instruction: English

### Requirements:

:

Qualified to apply for this course of studies are those who have completed Bachelor's studies in human medicine, veterinary medicine or dentistry; the course is open to students of all nationalities. This Master's course is not open to students with a Bachelor's degree in biology or biotechnology! Selection of candidates is carried out by the Interfaculty MD-PhD Commission (IMPC). Selection criteria include examination scores during medical Bachelor's and/or Master's studies and interviews with two members of the IMPC. In the interview candidates' prior knowledge of and interest in basic scientific research are determined. Also examined is the extent to which candidates have looked into the research field of the chosen Master's dissertation, dealt with it intellectually and whether they possess the aptitude to implement this research in an operative manner. At the time of application, applicants must have already received confirmation of a position in a host institution in which to conduct the Master's dissertation. The UZH Admissions Office decides upon admission based on the recommendation of the IMPC.

Further information and deadline:

<http://www.med.uzh.ch/WeiterundFortbildung/MasterBiologyMedicalBiology.html>

:

Qualified to apply for this course of studies are those who have completed Bachelor's studies in human medicine, veterinary medicine or dentistry.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: The specialized Master's study program in Medical Biology 90 can be taken as a single major or be combined with a minor study program 30 at Master's level



Organization: Faculty of Science

Academic Advisor: Departement für innere Medizin: Frau Prof. Dr. Alexandra Trkola,  
trkola.alexandra@virology.uzh.ch  
Administration (Institut für Neuropathologie): Frau Artemi Bendandi,  
artemi.bendandi@usz.ch

Responsible Instructor: Alexandra Trkola

Coordination: Artemi Bendandi

**Part of:**  
Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Mathematics

### Description:

#### General description:

The single major study program in Mathematics (90 ECTS credits) at Master' level provides a deeper understanding of the subject and the ability to carry out scientific work independently. The MSc is the qualification required for academic professions in Mathematics and meets the scientific requirements for commencing the degree program for the Teaching Diploma for Upper Secondary Education. The single major study program is composed of lectures, two seminars, the Master's thesis and the Master's exam.

:  
In addition to the qualification objectives of the bachelor's program, graduates from the master's program deepen their knowledge of an area of Mathematics by completing a master's thesis and attending specialized lect They are capable of understanding, analysing and applying current research in the field. In addition they can communicate their results in writing and orally.

Main Language of Instruction: English

Further Languages of Instruction: German

#### Career Prospects:

An increasing number of fields (engineering sciences, economics, medicine, etc.) in our world are being "infiltrated" by mathematics and its applications.

Which is why the career opportunities for mathematicians and very good and extremely varied. The skills trained and knowledge acquired during your studies lead to a broad spectrum of possibilities. Mathematicians are needed, for example, in:

- innovative high-tech companies
- companies with a natural sciences or engineering profile
- software firms or software departments of larger companies
- insurance companies and banks
- the teaching profession. Well-trained mathematicians are inestimably important, not least because they ensure the upcoming generation of scientists in information technology as well as engineering and natural sciences.

#### Further Study Options:

The Masters degree entitles the bearer to take a post-graduate course at a doctorate level. The Faculty can make admission to the doctorate level dependent on further conditions Details are set out in the general conditions and/or conditions of study.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course:

- A Bachelor's degree from the Faculty of Science of the University of Zur whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses.
- Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of &sect; 3 of the Bolo guideline of the Swiss University Conference.

Further possibilities for admission to a Master's degree course: the Facul assesses all other qualificatipage 1 of 2



particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Mathematics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The single major study program in Mathematics 90 at the Master's level is composed of lectures, two seminars, the Master's thesis and the Master&apo

Major/Minor-Combinations: The Master's study program in Mathematics 90 can be taken as a single major be combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time studies are possible on account of the modular structure of the course. The duration of study is accordingly longer A concrete individual model for part-time studies must be discussed in advance with the relevant academic advisor.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Stefan Sauter, stas@math.uzh.ch Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Geography

### Description:

#### General description:

The single major study program in Geography (90 ECTS credits) at Master's allows to concentrate on a specific field within Geography. An MSc degree is required for all academic professions in Geography and meets the scientific requirements for the Teaching Diploma for Upper Secondary Education in Geography.

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The single major study program in Geography at Master's level offers an in-depth subject-specific focus and guides students towards applied research.

Students learn to apply theories, methods and approaches from certain fields in Geography to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of Instruction: English

Further Languages of Instruction: German

#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may ask students to meet additional requirements for doctoral studies. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course:

-A Bachelor's degree from the Faculty of Science of the University of Zuri whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses.

- Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference.

Further possibilities for admission to a Master's degree course: the Facul assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Geography

Grading: The student's achievement is assessed at the end of each module. Achieveme are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: The Master's study program in Geography 90 can be taken as a single major combined with a minor study program 30 at Master's level.



Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Master of Science Faculty of Science (90) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Earth System Science

### Description:

#### General description:

The single major study program in Earth System Science (90 ECTS credits) at Master's level is part of the most comprehensive Earth Science program in Switzerland. It is offered by the Faculty of Science (MNF) of the University of Zurich (UZH) in collaboration with the Department of Earth Sciences (D-ERDW) of the Swiss Federal Institute of Technology (ETHZ). This Master's study prog provides in-depth training regarding geo-biosphere, hydro-atmosphere and human-environment relations in order to obtain a deeper understanding of the Earth system along with its interactions and correlations between those systems. Program structure: the program comprises three semesters. These include the Master's thesis and an internship, as well as compulsory and elective modules.

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This Master's study program provides in-depth training regarding geo-biosp hydro-atmosphere and human-environment relations in order to obtain a deeper understanding of the Earth system along with its interactions and correlations between those systems. Students learn to apply theories, methods and approaches from certain fields in Earth System Sciences to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of Instruction: English

#### Career Prospects:

Due to their profound, scientific knowledge as well as their sound expertise, earth system scientists have the ability to analyze and comprehend interactions of different earth spheres. In order to prognosticate current as well as future states of this system, scientists use state-of-the-art methods and techniques when analyzing observations, experiments, statistics, and space on varying scales. Earth system scientists are often employed to perform complex tasks regarding problem solving or modeling in risk assessment or sustainable utilization of resources, for example. There are three different fields of activities for earth system scientists representing bright career opportunities.

- Science and Research
- Industry and Public Sector
- Teaching and Training

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at t doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course:

- A Bachelor's degree from the Faculty of Science of the University of Zuri whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses.
- Corresponding degrees of Swiss and foreign universities which aregenerally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of &sect; 3 of the Bolo guideline of the Swiss University Conference.

Further possibilities for admission to a Master's degree course: the Facul assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees Faculty can require the fulfillment of



additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Earth Sciences, Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The master's degree program comprises three semesters. These include the Master's dissertation and an internship, as well as compulsory and elective modules.

Major/Minor-Combinations: The Master's study program in Earth System Science 90 can be taken as a major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Chemistry and Business Studies

### Description:

#### General description:

The single major study program in Chemistry and Business Studies (90 ECTS credits) at Master's level provides students with an advanced understanding of selected chemical disciplines and of Economics. The Master's degree is the qualification for academic professions in Chemistry that require an understanding of Economics and meets the scientific requirements for commencing the Study Program for the Teaching Diploma for Upper Secondary Education. Program structure: Compulsory modules include Chemistry and Business Studies (12 ECTS credits). Of the core elective modules studied within the Faculty of Science (MNF), 9 ECTS credits must be earned from practical courses and lectures. Elective modules must come from the fields of chemistry, biochemistry and economics and allow the studies to be broadened or further deepened. The Master's thesis combined with a research lecture (max. 9 months) and the Master's exam (total 55 ECTS credits) are the final components of the program.

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Graduates from the single major study program Chemistry and Business Studies at the Master's level have

- an in depth theoretical understanding of concepts in Chemistry and Business Studies, which enables them to understand complex chemical and economic systems, as well as the areas where they intersect.
- experimental skills in Chemistry acquired during practical trainings. Depending on the type of master's thesis, these skill will be further improved.
- a deepened understanding of the current forefront of research in one specific field of Chemistry or Economics and Business Administration.
- competencies in a specialized area of research and are able to conduct independent research such as would be required for a PhD
- the subject-specific qualifications necessary to work as a chemist MSc or to teach Chemistry as their first teaching subject at Upper Secondary Schools (Sekundarstufe II) and they have the skills in Business Studies necessary to work in various business-focused areas of industry.

Main Language of Instruction: English

Further Languages of Instruction: German

#### Career Prospects:

The study program chemistry and business studies provides graduates with a practical education that opens up a variety of employment opportunities.

There are particularly interesting positions at the intersection between research and marketing, development and production, and in strategy departments. There are also numerous opportunities in controlling and consultancy for graduates of the program.

Product managers, sales managers, production managers, project managers, plant managers and business development managers all work in the realm between the

natural sciences and economics.

Thanks to their unique combination of knowledge, graduates of chemistry and business studies are particularly in demand at start-ups and SMEs, where one manager usually takes on more than one role.

Scientists with business training are also needed on numerous committees in politics and public administration.

Further Study Options:

Successful completion of the Master's program qualifies students to continue studying at doctoral level. The faculty may, however, require students to meet further conditions for doctoral studies. Details can be found in the regulations for obtaining the doctoral degree.

**Requirements:**

Further Study Options:

A Bachelor's degree in "Chemistry and Business Studies" from the Faculty of Science of the University of Zurich exempt the holder from having to pass any further examinations for admission to the Master's degree course. With a corresponding Bachelor's degree in Chemistry the holder will have to fulfill additional requirements in form of evidence of academic achievements from Business and Economics for admission to the Master's degree course. Qualifications from other universities or universities of applied sciences are assessed by the Faculty according to its own criteria. In these cases, the Faculty decides about admission to the Master's degree course and the possible fulfillment of additional conditions in form of evidence of academic achievement.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: Compulsory modules include Chemistry and Business Studies (4 ECTS Credits). Of the core elective modules studied within the Faculty of Science (MNF), 10 ECTS Credits must be earned from practical courses and lectures. At least 12 ECTS credits of elective modules must come from courses within the Faculty of Economics. The Master's thesis combined with a research lecture (max. 9 months) and the Master's exam (total 55 ECTS credits) are the final components of the program.

Major/Minor-Combinations: The Master's study program in Chemistry and Business Studies 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible thanks to the modular structure of the course. However, this will increase the length of the course. It is very important that a precise, individual plan for part-time study be discussed in advance with the academic advisor responsible.

Organization: Faculty of Science



Academic Advisor: Prof. Dr. Stefan Seeger, E-Mail: sseeger@chem.uzh.ch

Dr. Sabine Stockhause, E-Mail: &nbsp;sabine.stockhause@chem.uzh.ch

Responsible Instructor: Stefan Seeger

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Chemistry

### Description:

#### General description:

The single major study program in Chemistry (90 ECTS credits) at Master's level provides students with advanced knowledge of special chemical disciplines of their choice. Furthermore, it offers exposure to research through work on current research projects; the degree is completed with an independent research project. The Master's degree is the qualification required for academic professions in chemistry and meets the scientific requirements for commencing the Study Program for the Teaching Diploma for Upper Secondary Education. Program structure: In the Master's program students earn 35 ECTS credits from core elective and elective modules (lectures, exercises, seminars, laboratory courses, and special lectures). The Master's research project, combined with a research lecture and the Master's exam are the final components of the program.

:

Graduates from a single major study program Chemistry at the Master's level have

- an in depth theoretical understanding of concepts in Chemistry, which enables them to understand complex chemical systems.
- experimental skills acquired during their largely independently conducted master's thesis.
- a deepened understanding of the current forefront of research in one specific field of chemistry.
- competencies in a specialized area of research and are able to conduct independent research such as would be required for a PhD
- the subject-specific qualifications necessary to work as a chemist MSc or to teach Chemistry as their first teaching subject at Upper Secondary Schools (Sekundarstufe II)

Main Language of Instruction: English

#### Career Prospects:

A Master's degree in Chemistry is an ideal basis for fascinating future employment both in research and industry. As a result of its comprehensive approach, chemistry forms the basis of numerous other disciplines, including pharmacy, biology, medicine, agronomy, food sciences and earth sciences. Chemists are therefore well-suited for a wide range of occupations, and a large variety of careers and professions in diverse fields are open to graduates, depending on their interests and area of specialization:

Research and Development: A Master's degree can lead to a career in research, generally via a doctorate.

Education: The Master's degree in Chemistry is a qualification for careers in chemistry and forms the academic basis for a teaching qualification.



- Sales and Marketing
- Analytical Chemistry
- Start-up Companies
- Patents
- Knowledge Management
- Media

#### Further Study Options:

After achieving their Master's degree, many chemists complete a doctoral thesis which takes three to four years for the practical part if they have no professional commitments elsewhere. Doctoral students are also required to further add to their theoretical knowledge of chemistry by attending both specialist lectures / courses and seminars / conferences that cultivate independent thinking and foster a profound knowledge of chemistry. In addition, students have the main responsibility for organizing their PhD studies. Doctoral students must take on a small amount of teaching, e.g. as a teaching assistant in practical training. Conferral of the doctorate demonstrates the ability to solve a problem independently, both in theory and in practice.

#### **Requirements:**

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Chemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

#### **Organization:**

Program Structure: In the Master's study program students earn 35 ECTS credits from core elective and elective modules (lectures, exercises, seminars, laboratory courses, and special lectures). The Master's research project, combined with a research lecture and the Master's exam are the final components of the program.

Major/Minor-Combinations: The Master's study program in Chemistry 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible thanks to the modular structure of the program. However, this will increase the length of studies. A precise, individual model for part-time study must be discussed in advance with the academic advisor responsible.

Organization: Faculty of Science



Academic Advisor: Prof. Dr. Sandra Luber  
Dr. Sabine Stockhause

Responsible Instructor: Sandra Erika Luber

Coordination: Sabine Stockhause

**Part of:**  
Master of Science Faculty of Science (90) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Chemical and Molecular Sciences (specialized Master)

### Description:

#### General description:

The specialized single major study program in Chemical and Molecular Sciences (90 ECTS credits) at Master's level requires a scientific Bachelor's with a significant amount of education in Chemistry. The research focused program provides training in areas that defy traditional categorization. The core requirements emphasize design, synthesis and control of function from a molecular perspective. The Master's degree is a qualification for all academic-industrial professions, ranging from chemical biology to materials science to medicine. Program structure: The basis is provided by the core modules (9 ECTS credits) in Molecular Design and Synthesis. The selection of core elective (9 ECTS credits) and elective modules (12 ECTS credits) is tailored according to the requirements of the individual student. The central element of the program are research focused internships, including a Master's thesis, oral exam and a public research presentation (60 ECTS credits).

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1 The program teaches students the conceptual and experimental methods for designing, manipulating and synthesising molecules and molecular systems within the wider context of the Natural Sciences.

2 The program demands familiarity in dealing with conception of molecular structures and chemical structures. The program is research oriented and will be adjusted to the prior experience of each student.

3 The program provides an ideal education for continuing with a dissertation in this intersectional science, which is otherwise not offered as a course of study

Main Language of Instruction: English

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at t doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### Requirements:

#### Further Study Options:

The single major study program in Chemical an Molecular Sciences is a specialized Master study program. Please find the details for applications on:

<http://www.ms-cms.uzh.ch/howtoapply.html>

Attaining a Master's degree entitles the student to continue studying at t doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.:

1. The candidate must possess a B.Sc. in the physical or natural sciences, with minimum average marks of "Good." This coursework must include the equivalent of at least 2 years chemistry lectures (min. 16 ECTS) and 2 years (combined) of biology, biochemistry or physics lectures (min. 16 ECTS). In addition, the coursework must include 2 years of laboratory work (min. 24 ECTS), at least 1 year of which must be in chemistry (min. 12 ECTS).

2. The candidate must have a demonstrated capacity for research. This may take the form of advanced practical laboratory courses or independent research work, equivalent to a minimum of 6 ECTS.

3. The candidate must arrange for the submission of two letters of support for the application. The first letter should come from a faculty member familiar with the candidate's coursework and research performance. The second lette should come from the UZH faculty member who would be responsible for the candidate's M.Sc. research in the MDS program.



Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The basis is provided by the core modules (8 ECTS credits) in Molecular Design and Synthesis. The selection of core elective (10 ECTS credits) and elective modules (12 ECTS credits) is tailored according to the requirements of the individual student. The central element of the program is Master's research including written thesis, oral exam and a public research presentation (60 ECTS credits).

Major/Minor-Combinations: The specialized Master's study program in Chemical and Molecular Sciences can be taken as a single major or be combined with a minor study program 30 at Master's level.0.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Bernhard Spingler  
spingler@chem.uzh.ch

Responsible Instructor: Bernhard Spingler

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Cancer Biology

### **Description:**

#### General description:

The single major study program in Biology with concentration in Cancer Biology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Cancer Biology or related fields. Components: The course work comprises block courses and special lectures in Cancer Biology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research pr in Cancer Biology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**



- Program Structure: The course work comprises block courses and special lectures in Cancer Biology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Cancer Biology, including seminars and colloq (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).
- Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.
- Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.
- Organization: Faculty of Science
- Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch
- Responsible Instructor:
- Coordination:
- Part of:**  
Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Biostatistics (specialized Master)

### Description:

#### General description:

The specialized single major study program in Biostatistics (90 ECTS credits) at Master's level is open to students with a Bachelor's degree in mat statistics, computer science, physics or in another field, specially biology or biomedicine with a sufficient mathematical and statistical component. The program provides students with a deeper scientific understanding and the capability to carry out independent scientific work in biostatistics.

Program structure: The required ECTS credits have to be gained from compulsory modules (Pflichtmodule) and elective modules (Wahlpflichtmodule) in statistics/biostatistics, these can in certain cases be in mathematics, and, elective modules in a field of application (Wahlmodule). The master's thesis comprises 30 ECTS credits and the master's exam 3 ECTS credits.

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This master's program provides students with an advanced education in science and the ability to work independently in science and a profound understanding of modern Biostatistics and its relevance. Students will be prepared for work in research, industry or office as well as for a doctorate in Biostatistics or a closely related discipline.

Main Language of English

Instruction:

#### Career Prospects:

Career outlooks for biostatisticians are generally excellent, as for statisticians and professionals with quantitative skills in general. Graduates of the program will be highly qualified for an occupation at universities or research institutes and in the pharmaceutical industry.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.

### Requirements:

#### Further Study Options:

The single major program in Biostatistics 90 is a specialized Master study program. Please find the details for applications on: <https://www.biostat.uzh.ch>

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.

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The single major program in Biostatistics 90 is a specialized Master study program. Please find the details for applications on: <https://www.biostat.uzh.ch>

#### Grading:

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The required ECTS credits have to be gained from compulsory modules (Pflichtmodule) and elective modules in statistics/biostatistics (Wahlpflichtmodule), these can in certain cases be in mathematics, and, elective modules in a field of application (Wahlmodule). The master's thesis comprises 30 ECTS credits and the master's exam 5 ECTS credits.

Major/Minor-Combinations: The specialized Master's study program in Biostatistics 90 can be taken as single major or be combined with a minor study program 30 at Master's level. A major study program in Biostatistics can not be combined with a minor study program in Applied Probability and Statistics.

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Leonhard Held, &nbsp;leonhard.held@uzh.ch

Responsible Instructor: Leonhard Held

Coordination: Cora Marie Lieselotte Burgwinkel

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Animal Behaviour

### Description:

#### General description:

The single major study program in Biology with concentration in Animal Behaviour (90 ECTS credits) at Master's level provides students with a deeper research b education and the capability to carry out independent scientific work in Animal Behaviour or related fields. Components: The course work comprises block courses and special lectures in Animal Behaviour (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Animal Behaviour, including seminars and colloquia (together 60 ECTS credits) and the module 'Integrated Knowledge in Biology ECTS credits).

:  
Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolology and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Branch of Study:

Biology

#### Grading:

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The course work comprises block courses and special lectures in Anthropology (16 ECTS credits) and elective modules (4 ECTS). The core components are the Master's research project in Anthropology, including seminars and colloqui (together 60 ECTS credits) and the module 'Integrated Knowledge in Biology ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Biomedicine

### Description:

#### General description:

The single major study program in Biomedicine at Master's level builds on Bachelor's education and provides students with a deeper scientific understanding in research groups in university hospitals in Zurich and institutes at the University of Zurich. It provides also the capability to carry out independent scientific work. The MSc is the qualification Required for all academic biomedicine professions and meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Upper Secondary Education. Course components: The program is based on block courses and special lectures in Biomedicine and Biology (20 ECTS credits). The core compulsory components of the degree are the Master's research project in Biomedicine, including seminars and colloquia (together 60 ECTS credits) and the modules 'Scientific writing and presentation' (4 ECTS credits) and 'Inte Knowledge in Biology' (6 ECTS credits).

:  
Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biomedicine and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. The master' thesis, which is a research project within the master's program, teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

The MSc is the qualification required for all academic biomedicine professions and meets the scientific requirements for admission to the Study Program for the Teaching Diploma for Secondary Education. For the Teaching Diploma for Secondary Education however, a broader general education is required. Modules in Biodiversity and Ecology must be completed additionally. Therefore we recommend a Master in Biology with the option of a minor in Biomedicine.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at t doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### Requirements:

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the Master's degree course:

- A Bachelor's degree from the Faculty of Science of the University of Zuri whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses.
- Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of &sect; 3 of the Bolo guideline of the Swiss University Conference.

Further possibilities for admission to a Master's degree course: the Facul assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of Academic achievements and credit points which were obtained elsewhere.



Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.:

Admission with possible conditions from branch of studies: Biochemistry, Biology

Branch of Study: Biomedical sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The program is based on block courses and special lectures in Biomedicine and Biology (20 ECTS credits). The core compulsory components of the degree are the Master's research project in Biomedicine, including seminars and colloquia (together 60 ECTS credits) and the modules 'Scientific writing and presentation' (4 ECTS credits) and 'Integrated Knowledge in Biology&a credits).

Major/Minor-Combinations: The Master's study program in Biomedicine 90 can be taken as a single major be combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: Dr. Sabine Jacob, master.biomedizin@physiol.uzh.ch

Responsible Instructor: Thierry Hennet

Coordination: Sabine Jacob Sempach

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Anthropology

### Description:

#### General description:

The single major study program in Biology with concentration in Anthropology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Anthropology or related fields. Components: The course work comprises block courses and special lectures in Anthropology (16 ECTS credits) and elective modules (4 ECTS credits). The core components are the Master's research project in Anthropology, including seminars and colloquia (together 60 ECTS credits) and the module 'Integrated Knowledge in Biology' (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Branch of Study:

Biology

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The course work comprises block courses and special lectures in Anthropology (16 ECTS credits) and elective modules (4 ECTS). The core components are the Master's research project in Anthropology, including seminars and colloqui (together 60 ECTS credits) and the module 'Integrated Knowledge in Biology ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Information Systems

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in Information Systems are compulsory and core elective modules in the areas of information systems plus a Master&apo project. Rounding off the program are elective modules drawn from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. A Master's thesis comprising 30 ECTS cred is the final element of the program.

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Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

As an information systems specialist with a Master's degree, you will have excellent career prospects at the juncture between business and informatics: you will work in demanding roles in business and administration where, as a business analyst for example, you will plan, test and direct the use of IT systems; consult on technical and organizational issues; manage corporate IT departments; create IT-based innovations and business models; or function as a methodically trained specialist. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Master of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Software Systems

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in Software Systems are compulsory and core elective modules in software systems plus a Master's project. Roundin the program are elective modules drawn from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. A Master's thesis comprising 30 ECTS credits is the final eleme the program.

:

Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

With the in-depth knowledge gained during the Master's study program in Software Systems, you will be in demand in both the software industry and in the IT departments of all kinds of companies, where you will be assigned demanding tasks in roles such as software engineer, app developer, chief information officer - or you launch a startup. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)



Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Master of Science UZH in Informatics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 People-Oriented Computing

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in People-Oriented Computing are compulsory and core elective modules in the areas of people-oriented computing plus a Master's project. Rounding off the program are elective modules dra from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. A Master's thesis comprising 30 ECTS credits is the final element of the program.

:

Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

With a Master's degree in People-Oriented Computing, you will be in demand specialist in companies across all industries, where you will develop sophisticated, user-friendly software. Furthermore, the in-depth knowledge gained during the Master's study program will enable you to take on demand tasks in roles such as project manager, interaction architect, analyst or consultant in any field involving the people-oriented design of information technologies and their effects on business and society. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics, Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Master of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Artificial Intelligence

### Description:

#### General description:

Master's programs provide an advanced academic education and allow students to complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits). Classes in the major study program in Artificial Intelligence cover the foundations and advanced skills in artificial intelligence, such as deep learning, machine learning, computer graphics, computer vision for robotics, natural language processing, machine translation, coordination of complex systems, big-data analytics, combinatorial and approximation algorithms, randomized and online algorithms, mathematical and computational statistics. A Master's thesis comprising 30 ECTS credits is the final element of the program.

:

Master's degree programs provide students with an advanced academic education and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of English

Instruction:

#### Career Prospects:

Knowledge of artificial intelligence is one of the most demanded expertises on today's job market. Students graduating from this master study program will be able to apply their knowledge in areas such as robotics, business forecasting, video games, computer vision, intelligent search, chat bots, medical diagnostics, and many more. Moreover, graduates with the right aptitude will have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision is based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Master of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Data Science

### **Description:**

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in Data Science are compulsory and core elective modules in data science plus a Master's project. Rounding off the program are elective modules drawn from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. A Master's thesis comprising 30 ECTS credits is the final element of the program.

:

Master's degree programs provide students with an advanced academic education and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

With a Master's degree in Data Science, you will be one of the few informatics specialists in Switzerland who specialize particularly in analyzing and processing data - a field with a huge amount of potential for the future. The spectrum of potential employers ranges from major companies in the service sector and international IT companies to specialized small firms. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### **Requirements:**

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision is based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics, Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Master of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Informatics

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Informatics.

These are made up of modules from the minor area in informatics and from the elective area of informatics.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in Informatics will give you the opportunity to deepen or expand upon the knowledge gained during your major study program in a focused manner. This will improve and broaden the range of career prospects available to you with a Master's degree in your major program.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS Credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations> In the Minor area: Informatics (INF), modules are offered only in HS (Fall Semester).

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Master of Science UZH in Informatics (RVO22)

Master of Arts UZH in Business and Economics (RVO22)

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Economics

### Description:

#### General description:

Bachelor's programs aim to provide a basic academic education with a broad scope of methodology and content. They usually last six semesters and require students to complete 180 ECTS credits, comprising a major study program (150 ECTS credits) and a minor study program (30 ECTS credits).

The major study program is made up of an assessment level and an advanced level. The assessment level (60 ECTS credits) and the advanced-level compulsory program equip all students in a Business and Economics program with the basics of business administration, economics, finance, mathematics, statistics, and scientific methods.

Students then go on to study specific fields. The study program in Economics requires them to complete modules from the core elective areas of Macroeconomics and Microeconomics. Rounding off the study program is a Bachelor's thesis comprising 18 ECTS credits.

:

Bachelor's degree programs aim to provide a basic academic education with broad scope of methodology and content. The Bachelor's degree enables grad to pursue a career or further studies at Master's level at our Faculty or another university.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The analytical and empirical knowledge acquired is in demand in, for example, consulting firms, financial management, economic media, central banks and in international organizations. In addition to directly entering the job market, the numerous trainee programs at large banks and insurance companies are also attractive to our graduates. By completing a Bachelor's degree, you will be qualified to undertake further study at Master's level.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: Assessment level conveying the basics: 60 ECTS credits Advanced level allowing for customized study plans: 90 ECTS credits, including a Bachelor's thesis comprising 18 ECTS credits Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/> Normal period of study: six semesters  
Title awarded upon graduation: Bachelor of Arts UZH in Wirtschaftswissenschaften (corresponds to Bachelor of Arts UZH in Business and Economics)





Major/Minor-Combinations: In addition to the major study program comprising 150 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Business Administration

### Description:

#### General description:

Bachelor's programs aim to provide a basic academic education with a broad scope of methodology and content. They usually last six semesters and require students to complete 180 ECTS credits, comprising a major study program (150 ECTS credits) and a minor study program (30 ECTS credits). The major study program is made up of an assessment level and an advanced level. The assessment level (60 ECTS credits) and the advanced-level compulsory program equip all students in a Business and Economics program with the basics of business administration, economics, finance, mathematics, statistics, and scientific methods. Students then go on to study specific fields. The study program in Business Administration requires them to complete modules in Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science.

Rounding off the study program is a Bachelor's thesis comprising 18 ECTS credits.

:

Bachelor's degree programs aim to provide a basic academic education with broad scope of methodology and content. The Bachelor's degree enables grad to pursue a career or further studies at Master's level at our Faculty or another university.

Main Language of German

Instruction:

#### Career Prospects:

A Bachelor's degree in Business Administration will open wide-ranging job opportunities in diverse industries for you as a business specialist. Among these fields are financial and investment management, controlling, business organization, strategic business management, human resource management and marketing. The basic knowledge gained during this program will also be valuable for students wishing to set up their own business. By completing a Bachelor's degree, you will also be qualified to undertake further study at Master's level.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: Assessment level conveying the basics: 60 ECTS credits Advanced level allowing for customized study plans: 90 ECTS credits, including a Bachelor's thesis comprising 18 ECTS credits Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/> Normal period of study: six semesters  
Title awarded upon graduation: Bachelor of Arts UZH in Wirtschaftswissenschaften (corresponds to Bachelor of Arts UZH in Business and Economics)



Major/Minor-Combinations: In addition to the major study program comprising 150 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Jasmin De Clercq

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Banking and Finance

### Description:

#### General description:

Bachelor's programs aim to provide a basic academic education with a broad scope of methodology and content. They usually last six semesters and require students to complete 180 ECTS credits, comprising a major study program (150 ECTS credits) and a minor study program (30 ECTS credits). The major study program is made up of an assessment level and an advanced level. The assessment level (60 ECTS credits) and the advanced-level compulsory program equip all students in a Business and Economics program with the basics of business administration, economics, finance, mathematics, statistics and scientific methods. Students then go on to study specific fields. Banking and Finance contains compulsory modules and core elective modules in Banking, Corporate Finance, Financial Economics and Quantitative Finance. Rounding off the study program is a Bachelor's thesis comprising 18 ECTS credits.

:

Bachelor's degree programs aim to provide a basic academic education with broad scope of methodology and content. The Bachelor's degree enables grad to pursue a career or further studies at Master's level at our Faculty or another university.

Main Language of Instruction: German

#### Career Prospects:

With a Bachelor's degree in Banking and Finance, you will be able to step a career in the finance industry. With a broad, multifaceted education, our graduates generally assume positions of responsibility in banks, consulting firms, insurance companies, financial departments of industrial enterprises and the public sector. By completing a Bachelor's degree, you will also be qualified to undertake further study at Master's level.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Servic accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Finance

Grading: ssements are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: Assessment level conveying the basics: 60 ECTS credits Advanced level allowing for customized study plans: 90 ECTS credits, including a Bachelor's thesis comprising 18 ECTS credits Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/> Normal period of study: six semesters  
Title awarded upon graduation: Bachelor of Arts UZH in Wirtschaftswissenschaften (corresponds to Bachelor of Arts UZH in Business and Economics)

Major/Minor-Combinations: In addition to the major study program comprising 150 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.



Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michel Habib

Coordination: Benjamin Wilding

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Economics

### Description:

#### General description:

The minor study program in Economics requires students to earn 30 ECTS credits from the core elective areas of Macroeconomics and Microeconomics.

Main Language of Instruction: German

#### Career Prospects:

In the minor study program in Economics, you will acquire analytical and empirical knowledge which will complement or expand upon your chosen major and will be of huge benefit in all kinds of economic careers, including in consulting firms, financial management, economic media, central banks and international organizations.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the core elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Business Administration

### Description:

#### General description:

The minor study program in Business Administration requires students to earn 30 ECTS credits from the core elective areas of Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science.

Main Language of Instruction: German

#### Career Prospects:

The minor study program in Business Administration will open lots of doors for you: Knowledge of business administration will complement or expand upon your chosen major and is in demand and of huge benefit in all kinds of economic and technical careers.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the core elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Jasmin De Clercq

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Banking and Finance

### Description:

#### General description:

The minor study program in Banking and Finance requires students to earn 30 ECTS credits from the core elective area Banking and Finance.

Main Language of Instruction: German

#### Career Prospects:

The minor study program in Banking and Finance will provide you with the basic principles you need to enter a career in finance. The knowledge acquired is in demand for roles in banks, consulting firms, financial departments of industrial enterprises and insurance companies as well as the public sector.

### Requirements:

: Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the core elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michel Habib

Coordination: Benjamin Wilding

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 General Business and Economics

### Description:

#### General description:

The minor study program in General Business and Economics requires students to earn 30 ECTS credits from the Business and Economics elective area.

Main Language of Instruction: German

#### Career Prospects:

The minor study program in General Business and Economics will complement your major and qualify you to take on business administration and economics tasks in any industry.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS credits to be earned from the core elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Economics

### Description:

#### General description:

Students must earn 60 ECTS credits when choosing Economics as their first minor study program. The minor study program is made up of compulsory and core elective modules from the areas of microeconomics and macroeconomics.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

In the minor study program in Economics, you will acquire analytical and empirical knowledge which will complement your chosen major and will be of huge benefit in all kinds of economic careers, including in consulting firms, financial management, economic media, central banks and international organizations.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 24 ECTS made up of compulsory modules and 36 ECTS made up of core elective modules from the areas of macroeconomics and microeconomics according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Business Administration

### Description:

#### General description:

Students must earn 60 ECTS credits when choosing Business Administration as their first minor study program. The minor study program is made up of compulsory and core elective modules from the areas of Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Business Administration will open lots of doors for you: Knowledge of business administration will complement your chosen major and is in demand and of huge benefit in all kinds of careers and industries.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 33 ECTS made up of compulsory modules and 27 ECTS made up of core elective modules from the areas of Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Jasmin De Clercq

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Banking and Finance

### Description:

#### General description:

Students must earn 60 ECTS credits when choosing Banking and Finance as their first minor study program. The minor study program is made up of compulsory and core elective modules from the area of Banking and Finance.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Banking and Finance will provide you with the basic principles you need to enter a career in finance. The knowledge acquired is in demand for roles in banks, consulting firms, financial departments of industrial enterprises and insurance companies as well as the public sector.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 24 ECTS made up of compulsory modules and 36 ECTS made up of core elective modules from the area of Banking and Finance according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Informatics

### **Description:**

#### General description:

Students must earn 60 ECTS credits when choosing Informatics as their first minor study program. The minor study program is made up of compulsory and elective modules from the area of informatics.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Informatics will add a thorough basic education in informatics to your major study program. This will enable you to understand and shape how your specialization interacts with the field of informatics. You will be in demand for any role which requires specialist expertise in the field of your major paired with informatics skills. Roles of this nature will require you to perform tasks such as ascertaining and analyzing the problems and requirements of users and customers, and designing, developing, testing and implementing informatics solutions. You will also be able to consult on technology and application issues, particularly in the field of your major. The spectrum of potential employers ranges from major companies to small firms.

### **Requirements:**

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### **Organization:**

Program Structure: 45 ECTS made up of compulsory modules and 15 ECTS made up of elective modules from the area of informatics according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)





**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 People-Oriented Computing

### Description:

#### General description:

Students must earn 60 ECTS credits when choosing People-Oriented Computing as their first minor study program. The minor study program is made up of compulsory and elective modules from the area of informatics.

Main Language of Instruction: English

#### Career Prospects:

Completing a minor degree in People-Oriented Computing will give you a basic education in informatics, focusing on the problems arising from interactions between humans and computers. This will enable you to play a part in developing user-friendly software as well as employee-oriented and customer-oriented applications in companies across all industries. There are also career prospects in any field involving the people-oriented design of information technologies or the analysis of interactions between humans and computers, particularly in applications for which you have acquired relevant skills as part of your major study program.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 42 ECTS made up of compulsory modules and 18 ECTS made up of elective modules from the area of informatics according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Economics

### Description:

#### General description:

Students must earn 30 ECTS credits when choosing Economics as their second minor study program. The minor study program is made up of compulsory and core elective modules from the areas of microeconomics and macroeconomics.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

In the minor study program in Economics, you will acquire analytical and empirical knowledge which will complement your chosen major and will be of huge benefit in all kinds of economic careers, including in consulting firms, financial management, economic media, central banks and international organizations.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 18 ECTS made up of compulsory modules and 12 ECTS made up of core elective modules from the areas of macroeconomics and microeconomics according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Business Administration

### Description:

#### General description:

Students must earn 30 ECTS credits when choosing Business Administration as their second minor study program. The minor study program is made up of compulsory and core elective modules from the areas of Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Business Administration will open lots of doors for you: Knowledge of business administration will complement your chosen major and is in demand and of huge benefit in all kinds of careers and industries.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 21 ECTS made up of compulsory modules and 9 ECTS made up of core elective modules from the areas of Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Jasmin De Clercq

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Banking and Finance

### Description:

#### General description:

Students must earn 30 ECTS credits when choosing Banking and Finance as their second minor study program. The minor study program is made up of compulsory and core elective modules from the area of Banking and Finance.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Banking and Finance will provide you with the basic principles you need to enter a career in finance. The knowledge acquired is in demand for roles in banks, consulting firms, financial departments of industrial enterprises and insurance companies as well as the public sector.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 18 ECTS made up of compulsory modules and 12 ECTS made up of core elective modules from the area of Banking and Finance according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Informatics

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Informatics.

The minor study program is made up of compulsory and elective modules from the area of informatics.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Informatics will add an IT component to your major study program. You will acquire the necessary skills in your area of specialization to ascertain and analyze informatics requirements in conjunction with users and customers, design informatics solutions, test and implement informatics systems, and consult on technology and application issues. The spectrum of potential employers ranges from major companies to small firms.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 24 ECTS aus Pflichtmodulen sowie 6 ECTS aus Wahlmodulen aus dem Bereich Informatik gemäss Reglement: <https://www.oec.uzh.ch/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Mensch und Computer

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in People-Oriented Computing. The minor study program is made up of compulsory and elective modules from the area of informatics.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Completing a minor degree in People-Oriented Computing will give you a basic education in informatics, focusing on the problems arising from interactions between humans and computers. Once you have completed the relevant on-the-job training, this will enable you to play a part in developing user-friendly software as well as employee-oriented and customer-oriented applications in companies across all industries. There are also career prospects in any field involving the people-oriented design of information technologies or the analysis of interactions between humans and computers, particularly in applications for which you have acquired relevant skills as part of your major study program.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <http://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 21 ECTS made up of compulsory modules and 9 ECTS made up of elective modules from the area of informatics according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Theoretical Astrophysics and Cosmology

### Description:

#### General description:

The doctoral program in Theoretical Astrophysics and Cosmology is focused on carrying out original research. By the end of their PhD, doctoral students have typically published several papers in the main refereed astrophysics journals. The program includes a curricular part for which doctoral students must obtain at least 12 ECTS credits. These can be obtained in a variety of ways, such as by attending graduate schools, giving talks at conferences or by attending advanced lectures. Appropriate lecture courses will be chosen by the PhD advisor together with the doctoral student. Doctoral students are encouraged to attend weekly research seminars and the astrophysics journal club. Additionally, doctoral students must assist with a lecture course for five semesters, for example, holding a problems class.

Main Language of Instruction: English

### Requirements:

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Jaiyul Yoo

Coordination: Elzbieta Joanna Rembelska

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Theoretical Astrophysics and Cosmology (Fast-Track)

### Description:

#### General description:

The specialized Fast Track major study program in Theoretical Astrophysics & Cosmology (90 ECTS credits) at Master's level is intended for exceptional students envisioning an academic career. The program takes students to the forefront of our understanding of our Universe. Together with the core courses in advanced theoretical astrophysics and cosmology, an original research project is carried out with a faculty member (55 ECTS credits). This can range from a computational astrophysics project, to analysing data from observations or supercomputer simulations, or carrying out a theoretical project. At least 30 ECTS credits are earned through research seminars, lectures, exercises and internships in the chosen specialist area. This program is ideally suited for students wishing to carry out doctoral studies in astrophysics, cosmology or theoretical physics.

:

The fast-track program furthers students scientific education and fosters their abilities for independent research. Students will be prepared for careers in industry, at research institutes and at universities.

Main Language of English

#### Instruction:

### Requirements:

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The Fast-Track program in Theoretical Astrophysics and Cosmology is a specialized Master's program with specific additional admission requirements. For admission to the program, the following conditions have to be met:

- Bachelor's degree from the University of Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university.
- Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member.

The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on the recognition of studies and credit points acquired elsewhere.

:

The Fast-Track program in Theoretical Astrophysics and Cosmology is a specialized Master's program with specific additional admission requirements.

For admission to the program, the following conditions have to be met:

- Bachelor's degree from the University of Zurich with a major grade of at least 5.5 or a corresponding recommendation from another university.
- Assessment interview with the student and the future leaders of the thesis in the presence of at least one other faculty member.

The Faculty may require additional requirements in the form of further assessments. The Faculty also decides on the recognition of studies and credit points acquired elsewhere.

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: At least 30 ECTS must come from modules that have been approved by the doctoral committee. One year after the starting the Master's thesis, the student mu submit it and pass an exam, as described in the MNF study regulations "3. Physik &sect; 4.3 Masterarbeit /-prüfung." Thereafter, the student transitions the doctoral program "Theoretical Astrophysics and Cosmology." The doctoral program includes a dissertation, with a scope appropriate for the respective field. During the program the full doctoral program shall be completed in accordance with the official PhD regulations.

Major/Minor-Combinations: The specialized Fast-Track Master's study program in Theoretical Astrophys and Cosmology 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Organization: Faculty of Science

Academic Advisor: Prof. Ravit Helled, ravit.helled@uzh.ch

Responsible Instructor: Ravit Helled

Coordination: Elzbieta Joanna Rembelska

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Asia and Europe

### Description:

#### General description:

The Asia and Europe Doctoral program is designed to further students' understanding of the processes of appropriation and demarcation that have occurred between Asia and Europe, and continue to occur today, in the areas of culture, religion, law and society. The core requirement of the program is the completion of a dissertation as an independent scholarly work. The Doctoral program also includes curricula that expands both interdisciplinary expertise and knowledge and expertise specific to the program's subject matter. The additional program requirements here consists of the completion of modules and Doctoral colloquia worth at least 30 ECTS credits.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

Application for the program takes place once a year and admission is for the fall semester. The URPP Asia and Europe awards four to six PhD-positions for the duration of three years at most.

Doctoral students whose research is already funded by another institution may apply for admission to the program in accordance with the regular application procedure.

For further information, please visit

<https://www.aoi.uzh.ch/de/institut/dp/dae/program/application.html>.

Branch of Study: Law

Grading: Performance is graded on a "pass" or "fail" basis.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor:

Coordination:

### Part of:

Doctorate Faculty of Law (PVO09)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Law

### Description:

#### General description:

Doctoral candidates learn the essential methodological skills for in-depth and broad-ranging study of legal issues. The general doctorate includes submitting a PhD thesis and attending two colloquia earning at least 12 ECTS credits. The purpose of the colloquia is to enable scientific discussion and analysis of the doctoral thesis. The doctoral thesis must be submitted in the form of a monograph and should make an independent contribution to research.

Main Language of Instruction: German

### Requirements:

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The general doctorate is open to graduates who have obtained a Master of Law or Licentiate Degree in Law from the University of Zurich with a summa cum laude or magna cum laude distinction. Graduates who are not awarded a distinction or have obtained a Master of Law or Licentiate Degree in Law from another Swiss University or a law degree from a foreign university recognized as equivalent under § 48 letter b of the Ordinance on Admission to Studies at the Univer of Zurich, will be admitted, if a Faculty member declares him or herself willing to supervise them. Admission may be tied to conditions or restrictions.

Decisions on admissions will be made by the Admissions Committee.

Admissions are subject to § 10 et seq. ordinance for obtaining a doc degree.

Grading: Performance is graded on a "pass" or "fail" basis.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:

Major/Minor-Combinations: The degree program does not provide a minor subject. The degree program cannot be studied as a minor subject as part of another degree program.

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

### Part of:

Doctorate Faculty of Law (PVO09)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 BioMed Entrepreneurship

### Description:

#### General description:

The specialized Minor program in BioMed Entrepreneurship (30 ECTS credits) at Master's level provides in-depth, problem-oriented training in the translation of scientific findings in the field of BioTech, MedTech and Pharma. It builds competencies and skills to develop promising solutions "from bench to bedside".

The Minor demonstrates concepts and methods how ideas or research results in the field of Life & Health Sciences can be translated into market offerings. The internship in a life science company, as an interface between university and entrepreneurial practice, offers insights into the professional world and can also open up new potential opportunities after graduation. The Minor in BioMed Entrepreneurship focuses on overarching questions of translational research and does not include other purely life science subjects, as these are covered in the Major.

:

Graduates of a Minor in BioMed Entrepreneurship are able to:

1. recognize and formulize company-relevant questions for the translation of scientific knowledge;
2. acquire in-depth knowledge through independent work;
3. apply methods of interdisciplinary collaboration and understand the value of interdisciplinarity;
4. analyze theories and case studies to critically evaluate their results and incorporate them into concrete projects;
5. understand the various dimensions of entrepreneurial implementation and their significance in specialist and operational contexts;
6. communicate knowledge and complex interrelationships in a way that is appropriate for a range of different stakeholders.

Main Language of Instruction: English

### Requirements:

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The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

:

The minor is particularly suitable for master students in the last academic year.

#### Requirements for admission:

1. Admission is by application, the number of places per year is limited. Fully submitted application documents are a prerequisite for admission (see <https://www.bep.uzh.ch>).

2. Students who have a completed Bachelor of Science degree in a scientific or medical field of study from the UZH or the ETH Zurich with at least 120 ECTS credits in life sciences (biology, biochemistry, biomedicine, chemistry, business chemistry, medicine, pharmaceutical sciences, physics) are eligible.

Students with a Bachelor's degree from another university can apply if the enrolled in a Master's program in the



UZH Faculty of Science.

3. Classes are taught in English. Students must be able to demonstrate sufficient knowledge of English, at least level C1 according to the scaling of the Common European Framework of Reference (CEFR), unless English is their first language, or they have already completed the BSc in English. Recognized English diplomas can be found on the following page: <https://www.uzh.ch/cmsssl/en/studies/application/languagerequirements.html>

4. If more applications are received than places are available, further criteria apply:

- a. Overall grade of the Bachelor's degree or of an equivalent degree.
- b. Proof of motivation and quality of the application.
- c. Additional qualifications relevant to the field of study.

5. The modules of the minor program can only be taken by students of the Minor in BioMed Entrepreneurship. They are not available for students of other programs, mobility students and auditors.

Grading:

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure:

The Minor in BioMed Entrepreneurship has a scope of 30 ECTS credits and can only be completed within the framework of a Master's degree at the Faculty Science or the Faculty of Medicine. The curriculum consists of five compulsory modules: a lecture and three block courses, which take place in the fall semester, and an internship.

Organization:

Faculty of Science

Academic Advisor:

<https://www.bep.uzh.ch>

Responsible Instructor:

Simon Hoerstrup

Coordination:

Jessica Plucain

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Veterinary Medicine

### **Description:**

#### General description:

The doctoral program in Veterinary Medicine with focus on natural sciences is offered in collaboration with the Faculty of Science and includes a written dissertation and a curricular part (24 ECTS credits) and final examination (6 ECTS credits). The specific composition of the curricular activities is determined together with the supervising committee. The doctoral program must be started no later than 3 years after obtaining the Master of Veterinary Medicine, and the doctoral program is usually completed within 1.5 years.

Main Language of Instruction: English

### **Requirements:**

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Applicants possess a Master's degree in Veterinary Medicine, admission is decided by the Promotion Committee.

:

Applicants possess a Master's degree in Veterinary Medicine, admission is Master's degree, or equivalent, in Veterinary Medicine and license to prac Veterinary Medicine. Candidates must express a strong interest in basic life science research and are selected based on an interview process.

Grading: Review process and successful completion of the curricular part and the final examination

Regulations: <https://www.vet.uzh.ch/en/studium/doktorat.html>

### **Organization:**

Major/Minor-Combinations: no combinations possible

Organization: Vetsuisse Faculty

Academic Advisor: <https://www.vet.uzh.ch/en/studium/doktorat/drmedvet/doktoratsprogramm.html>

Responsible Instructor: Thomas Lutz

Coordination: Thomas Lutz

### **Part of:**

Doctorate Veterinary Medicine with Focus in Natural Sciences





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biodiversity

### Description:

#### General description:

A minor study program in Biodiversity (30 ECTS credits) provides students with knowledge in some research areas of Biodiversity, and the ability to understand and tackle some questions.

:

The minor study program «Biodiversity» (30 ECTS) provides a scientific understanding of the patterns, processes and functions of biological diversity.

Graduates are able to link this knowledge with ecological and evolutionary biological concepts and are able to address some questions in biodiversity research.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor program includes compulsory modules in biodiversity sciences, which cover the topics of ecology, evolutionary biology, environmental sciences and the basic subjects mathematics and chemistry, as well as elective modules in natural and environmental sciences.

Major/Minor-Combinations: The minor program of study may be combined with any major program of study.

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, [Claudia.Hegglin@ieu.uzh.ch](mailto:Claudia.Hegglin@ieu.uzh.ch)

Responsible Instructor: Florian Altermatt

Coordination: Claudia Hegglin Braun

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biodiversity

### Description:

#### General description:

A minor study program in Biodiversity (60 ECTS credits) provides students with knowledge in several research areas of Biodiversity and the ability to understand and tackle the most important questions.

:

The minor study program «Biodiversität» (60 ECTS) provides a scient understanding of selected patterns, processes and functions of biological diversity. Graduates are able to link this knowledge with ecological and evolutionary biological concepts and can address the most important questions in biodiversity research.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Biology, Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor program includes compulsory modules in biodiversity sciences, which cover the topics of ecology, evolutionary biology, environmental sciences and the basic subjects mathematics and chemistry, as well as elective modules in natural and environmental sciences. The elective modules are freely selectable from the whole UZH and ETH offer.

Major/Minor-Combinations: The minor program of study may be combined with any major program of study.

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, Claudia.Hegglin@ieu.uzh.ch

Responsible Instructor: Florian Altermatt

Coordination: Claudia Hegglin Braun

### Part of:

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Biodiversity

### **Description:**

#### General description:

The major study program in Biodiversity (120 ECTS credits) provides students with a general education in Natural Sciences, knowledge in all research areas of Biodiversity and the capability to think and work methodically and scientifically. Course components: The first two years of studies include the compulsory modules of basic training in biodiversity sciences, which cover the subject areas of ecology, behavioural biology, evolutionary biology, environmental sciences and environment &nbsp;&&&&nbsp;&&&nbsp;society. Other required mathematics, chemistry and physics as well as quantitative methods such as programming and data analysis. Elective modules in the third and fourth semester are from the natural sciences and interdisciplinary environmental sciences. The third year of study consists of block courses, special lectures, seminars, field courses and a bachelor thesis. A three-month professional internship can be credited in the core elective area of the block courses.

:

The Bachelor's program in Biodiversity provides a comprehensive scientific understanding of the patterns, processes and functions of biological diversity and the interrelationships between different ecosystems, species and organisms.

Graduates are able to address issues in ecology, evolutionary and behavioral biology, and interdisciplinary environmental sciences with appropriate scientific tools and develop promising solutions.

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Career Prospects:

The Bachelor «Biodiversity» offers the necessary theoretical and prerequisite for a consecutive Master's program in Biodiversity at the University of Zurich. Graduates of the Master's program are in demand on the job market because of their methodological-theoretical and interdisciplinary competencies. Potential employers are universities, administration, politics, nature conservation organizations, environmental offices and the private sector and include activities in public relations and communication, project management and coordination, consulting and environmental education.

### **Requirements:**

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biology, Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**









## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Biodiversity

### Description:

#### General description:

The single major study program in Biodiversity (180 ECTS credits) provides students with a general education in Natural Sciences, knowledge in all research areas of Biodiversity and the capability to think and work methodically and scientifically. Course components: The first two years of studies include the compulsory modules of basic training in biodiversity sciences, which cover the subject areas of ecology, behavioural biology, evolutionary biology, environmental sciences and environment. Required subjects are mathematics, chemistry and physics as well as quantitative methods such as programming and data analysis. Elective modules in the third and fourth semester are from the natural sciences and interdisciplinary environmental sciences. The third year of study consists of block courses, special lectures, seminars, field courses, a three-month professional internship and a bachelor thesis.

:

The Bachelor's program in Biodiversity provides a comprehensive scientific understanding of the patterns, processes and functions of biological diversity and the interrelationships between different ecosystems, species and organisms.

Graduates are able to address issues in ecology, evolutionary and behavioral biology, and interdisciplinary environmental sciences with appropriate scientific tools and develop promising solutions.

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Career Prospects:

The Bachelor «Biodiversity» offers the necessary theoretical and pr prerequisites for a consecutive Master's program in Biodiversity at the University of Zurich. Graduates of the Master's program are in demand on t job market because of their methodological-theoretical and interdisciplinary competencies. Potential employers are universities, administration, politics, nature conservation organizations, environmental offices and the private sector and include activities in public relations and communication, project management and coordination, consulting and environmental education.

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biology, Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:







## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration St. Galler Track

**Description:**

**Requirements:**

Branch of Study: Human Medicine

**Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

**Part of:**

Bachelor of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Luzerner Track

**Description:**

**Requirements:**

Branch of Study: Human Medicine

**Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

**Part of:**

Bachelor of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Quantitative Finance (specialized Master)

### Description:

#### General description:

The Master's degree program in Quantitative Finance provides students with education based on sound academic principles and the ability to conduct independent, scientific and project-oriented work. Both academic institutions, UZH and ETH, contribute an equal share to the curriculum of the program.

Graduates are able to enter research-oriented careers, further studies at the Doctoral level, or challenging positions in the quantitative sectors in the financial services industry.

:

Graduates will be familiar with the core concepts and questions relating to quantitative finance and will be able to implement analytical tools when examining problems taken from actual practice. They will know how to apply the acquired concepts and methods in the context of project work and when confronting concrete problems. In addition, they will be able to present their results clearly, both orally and in writing.

Main Language of English

Instruction:

#### Career Prospects:

Graduates will have in-depth knowledge of quantitative finance and the ability to apply it appropriately in complex settings. They will be in a position to enter demanding careers in quantitative-oriented areas of the financial services industry as, for example, financial analysts, quantitative analysts, risk managers, portfolio managers, or financial consultants.

### Requirements:

:

Candidates should take note of the application requirements and process on <http://www.msfinance.ch> and <http://www.uzh.ch/studies/application/master.html> Publication in the cantonal statute book: <https://www.rud.uzh.ch/en/rechtsgrundlagen/rechtssammlung-uzh.html>

:

Admission to the degree program basically requires a Bachelor's degree from a university or an equivalent degree. Applicants must have good knowledge of financial and mathematical notions. This requires a Bachelor's degree in a relevant field of study such as business and economics, mathematics, physics, or engineering. In addition, applicants must provide proof of English language proficiency (level C1 in accordance with the Common European Framework of Reference for Languages). There is no entitlement to admission.

Branch of Study: Finance

Grading: Each module is assessed upon completion. Graded modules are marked on a scale from 6 to 1, with 6 being the highest and 1 the lowest grade. Quarter grades are given. A mark of 4 or higher is a passing grade. Ungraded modules are recorded as a pass or fail in the transcript of records.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure: The MSc QF offers its students an advanced education in quantitative finance. A special feature is its unique combination of economic theory for finance with mathematical methods (probability theory, statistics and econometrics, numerical analysis) for finance and insurance. Recent developments in the FinTech area are included in several lectures. The subject matter of each course belongs either to the "Finance" area or to the "Mathematical Methods in Finance" area. A total of 36 ECTS credits are completed with core elective modules of the core area. At least 24 ECTS credits must be earned from elective modules of the elective area. The Master's thesis (30 ECTS credits) rounds off the program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Erich Walter Farkas

Coordination: Chantal Corinne Jacqueline Spale

**Part of:**

Master of Science UZH ETH in Quantitative Finance (RVO22 MSc QF)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Biochemistry

### **Description:**

#### General description:

In the Bachelor's single major study program in Biochemistry (180 ECTS cre can be chosen between the biomolecular and the chemical track.

:

A bachelor's single major study program in Biochemistry at UZH provides students with a qualified theoretical education in Chemistry, Physics, Mathematics, Molecular Biology, Biochemistry and Biophysics, as well as practical education in the foundational methods of biochemical research.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

The Bachelor's single major study program in biochemistry entitles the bea to enroll for the Master's study program in biochemistry of the University Zurich with no further conditions. The admission to related study programs (biology, biomedicine) is possible. For these programs, however, the formal enrollment may be coupled to the fulfillment of requirements or conditions.

### **Requirements:**

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biochemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**



Program Structure: In the single major study program Biochemistry 180 either the Biomolecular Track or the Chemical track can be selected.

The Bachelor's single major program in Biochemistry (180 ECTS credits), Biomolecular Track imparts the relevant basic principles in physiology, molecular biology, chemistry, physics, mathematics, biochemistry and biophysics. The subject focus lies on the development of conceptual understanding in molecular biology, biochemistry and biophysics. In the area of generic competencies the emphasis is on scientific reasoning, working and presentation. The Bachelor's study program in Biochemistry, Biomolecular T qualifies for professional activities requiring a wide-ranging training in natural sciences. Program structure: The Bachelor's degree program in Biochemistry, Biomolecular Track takes six semesters. It starts with the lower-level studies in biochemistry (1.-4. semester). The subsequent specialist study (5.- 6. semester) comprises lectures in molecular cell biology, protein biophysics and practical courses in gene technology, biochemistry and biophysics.

The Bachelor's single major study program in Biochemistry, Chemical Track addresses to students who like to develop a molecular and chemical understanding of living processes, based on lower-level studies in chemistry and physical chemistry. The program takes six semesters. It starts with the lower-level studies in chemistry/ biochemistry (1.- 4. semester). The subsequent specialist study (5.- 6. semester) comprises lectures in molecular cell biology, protein biophysics and practical courses in gene technology, biochemistry and biophysics.

Major/Minor-Combinations: The Bachelor's study program Biochemistry is a single major study program. minor study program can be taken

Part-Time Studies: The modular structure allows part-time studies. This will lead, however, to a prolonged period of studies. The implementation of an individual programme plan should be coordinated with the student advisory services biochemistry beforehand.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor: Raimund Dutzler

Coordination: Cristina Manatschal

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Computational Science

### Description:

#### General description:

The doctoral program in Computational Science includes a written dissertation about the own independent scientific research project. The program includes a curricular part of at least 12 ECTS credits. The curricular part is determined individually for each doctoral student through the doctoral committee and focuses on the specific environment of the research area but also considers a general computational science education. Per year, the visit of at least one scientific congress or summer school, relevant to the own research area, is compulsory. The regular participation in weekly research seminars is strongly encouraged (no ECTS credits).

Additionally, doctoral students must take at least one teaching load in each semester.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Robert Feldmann

Coordination: Elzbieta Joanna Rembelska

### Part of:

Doctorate Faculty of Science





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Earth System Science

### **Description:**

#### General description:

The major study program in Earth System Science (90 ECTS credits) at Master&apo level is part of the most comprehensive Earth Science program in Switzerland.

It is offered by the Faculty of Science (MNF) of the University of Zurich (UZH) in collaboration with the Department of Earth Sciences (D-ERDW) of the Swiss Federal Institute of Technology (ETHZ). This Master's study program provides in-depth training regarding geo-biosphere, hydro-atmosphere and human-environment relations in order to obtain a deeper understanding of the Earth system along with its interactions and correlations between those systems. Program structure: the program comprises three semesters. These include the Master's thesis and an internship, as well as compulsory and elective modules.

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This Master's study program provides in-depth training regarding geo-biosp hydro-atmosphere and human-environment relations in order to obtain a deeper understanding of the Earth system along with its interactions and correlations between those systems.

Students learn to apply theories, methods and approaches from certain fields in Earth System Sciences to problems in research and practice, and to critically classify and reflect on these. Students are able to defend a position on a scientific basis and to critically reflect on and defend their own research results within a scientific discussion.

Main Language of Instruction: English

#### Career Prospects:

The broad scope of Earth System Science enables students to work in a diverse range of fields. Given the social significance of topics such as environmental protection, natural hazards and support of growing human population, the jobs for Earth system scientists are interesting and challenging. Furthermore, electronic data processing will become increasingly important in our society, which is in turn expected to have a positive influence on the employment of Earth system scientists in this field in the future.

Earth system scientists may find job opportunities in the following fields:

- Science and Research
- Industry and Public Sector
- Teaching and Training

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### **Requirements:**

#### Further Study Options:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of &sect; 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences,



according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Earth Sciences, Geography

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The Master's study program in Earth System Science 90 includes compulsory modules including the Master's thesis in Earth System Science (30 or 60 EC credits) and the Master's exam (2 ECTS credits), core elective and elective modules. Further information can be accessed on the website of the Department of Geography.

Major/Minor-Combinations: The Master's study program in Earth System Science 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: Part-time study is possible, but not recommended. A precise plan for part-time study is essential and students are advised to discuss this in detail with the Academic Advisory Service.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Yvonne Scheidegger

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Human Medicine

### **Description:**

#### General description:

The Bachelor's degree program in Human Medicine covers the basic principles in the natural and human sciences as well as in human biology, thus introducing students to foundational knowledge in human medicine. The curriculum draws on current, evidence-based research data to impart core knowledge, and teaches foundational clinical skills and competencies. The Bachelor's degree program lasts three years and comprises 180 ECTS credits. Successful completion qualifies graduates to study Human Medicine in a Master's degree program, with no further examinations required.

Main Language of Instruction: German

### **Requirements:**

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<http://www.med.uzh.ch/Medizinstudium/Zulassung.html>

Branch of Study: Human Medicine

Regulations: <http://www.med.uzh.ch/Medizinstudium/Rechtsgrundlagen.html>

### **Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

### **Part of:**

Bachelor of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Dental Medicine

### Description:

#### General description:

The Bachelor's degree program in Dental Medicine covers the basic principles in the natural and human sciences as well as in human biology, thus introducing students to foundational knowledge in human and dental medicine. The curriculum draws on current, evidence-based research data to impart core knowledge in clinical dentistry and teaches foundational clinical skills and competencies. The Bachelor's degree program lasts three years and comprises 180 ECTS credits. Successful completion qualifies graduates to study Dental Medicine in a Master's degree program, with no further examinations required.

Main Language of Instruction: German

### Requirements:

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Für die Zulassung zum Bachelor-Studiengang ist grundsätzlich das Reglement über die Zulassung zum Studium an der Universität Zürich (RZS) massgebend. Studienanfänger haben sich bis spätestens 15. Februar des jeweiligen Jahres bei der Rektorenkonferenz der Schweizer Universitäten anzumelden. Unter <https://www.swissuniversities.ch/service/anmeldung-zum-medizinstudium> sind die spezifischen Zulassungsvoraussetzungen zu den schweizerischen medizinischen Fakultäten, sowie Informationen zum Eignungstest aufgeführt und die Anmeldeformulare zu finden. Im Weiteren sind für den Übertritt ins 3. Studienjahr 120 erworbene Kreditpunkte aus den ersten zwei Studienjahren, sowie die Verfügbarkeit eines klinischen Ausbildungsplatzes am Zentrum für Zahnmedizin der Universität Zürich Voraussetzung. (Rahmen- und Studienordnung unter <http://www.dent.uzh.ch>)

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Lively interests within the field of the natural sciences are a good basis for the study. Taking joy in finest manual workmanship and the ability handling humans in a sensitive way are the best conditions for a fulfilling working life as a dentist.

Branch of Study: Dentistry

Regulations: <https://www.med.uzh.ch/de/Medizinstudium/Rechtsgrundlagen.html>

### Organization:

Organization: Center of Dental Medicine

Responsible Instructor:

Coordination:

### Part of:

Bachelor of Dental Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Dental Medicine

### **Description:**

#### General description:

The Master's degree program in Dental Medicine fulfills the education outcomes as defined in the Swiss Medical Professions Act. Graduates of the Master's degree program in Dental Medicine have acquired the skills necessary to provide outstanding primary dental care while upholding ethical standards and considering economic factors. They are furthermore committed to introducing preventive and health-promoting measures in their professions, and can recognize clinical symptoms related to other medical fields.

Main Language of Instruction: German

### **Requirements:**

Branch of Study: Dentistry

Regulations: <http://www.rd.uzh.ch/de/rechtssammlung/kantonale-erlasse/med.html>

### **Organization:**

Organization: Center of Dental Medicine

Academic Advisor: Universität Zürich  
Zentrum für Zahnmedizin  
Studienberatung  
Plattenstrasse 11  
CH-8032 Zürich  
Tel. +41 44 634 34 32  
studienberatung@zsm.uzh.ch

Responsible Instructor:

Coordination:

### **Part of:**

Master of Dental Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 JMM-HSG-UZH

### **Description:**

#### General description:

Der Joint Medical Master bietet den Studierenden die Möglichkeit, ihr Masterstudium gleichzeitig an der School of Medicine der HSG und an der Medizinischen Fakultät der UZH zu absolvieren und ihnen dadurch vertiefte fachliche Kenntnisse und die Fähigkeiten und Fertigkeiten beziehungsweise die Voraussetzungen zur fachärztlichen Weiterbildung universitätsübergreifend zu vermitteln.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Medicine

Responsible Instructor:

Coordination:

#### **Part of:**

Joint Medical Master University of St. Gallen



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Biomedicine

### Description:

#### General description:

The single major study program in Biomedicine (180 ECTS credits) teaches the relevant basic principles in Physics, Chemistry, Mathematics, Cell and Molecular Biology, Biochemistry, Biostatistics and Bioinformatics as well as Physiology, Anatomy, and Pathophysiology. The focus is on achieving an integrative view of the functions of the human body in connection with causes of diseases. In the area of general competencies the emphasis is on scientific reasoning, working and presentation. The Bachelor's degree in Biomedicine qualifies for professional activities requiring a profound knowledge of the human body. Program structure: During the first 2 years (1 - 4 semester, basic studies) the focus is on sciences such as Chemistry, Physics, Biology and Mathematics as well as Anatomy and Physiology. In the third year (5 and 6 semester, Fachstudium) specific molecular aspects of the function of the human body as well as major diseases will be studied using biomedical research methods. In addition, students may choose from a menu of elective courses.

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Graduates of the Single Major Study Program in Biomedicine (180 ECTS Credits) are able to apply their sound knowledge in scientific, biological and medical subjects as well as in biostatistics and bioinformatics in the solution of biomedical questions in theory and practice and to recognize, describe and explain biomedical concepts and phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

A permanent professional position is hardly possible with a Bachelor's deg at best it is only possible to do an internship or to enter a training program in private or public companies. The prerequisite for employment is normally a Master's degree.

#### Further Study Options:

The Single Major degree in Biomedicine at the Bachelor's level (Major Stud Program worth 180 ECTS Credits) entitles to enrol for the Major Study Programs in Biomedicine at the Master's level with no further conditions. The admis to related Master programs (biology, biochemistry) is possible. For these programs, however, the formal enrolment may depend on the fulfilment of additional requirements or conditions. The admission to specialized Master programs (e.g. biostatistics) an application is necessary.

### Requirements:

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regula in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biochemistry, Biology, Biomedical sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The compulsory modules (113 ECTS) and elective modules (7 ECTS) of the basic studies (1st-4th semester) cover the natural sciences (chemistry, physics, biochemistry), the basic and applied mathematics (analysis, statistics, programming, data analysis), the relevant biological subjects (molecular genetics, cell biology, evolution and developmental biology of humans, microbiology, neurobiology, systems biology) and the medical subjects (anatomy, physiology, pathophysiology, immunology, virology, histology). In the elective modules (60 ECTS) of the advanced studies (5th and 6th semester), knowledge of molecular and cellular mechanisms of important human diseases is acquired, as well as biomedical research methods for their diagnosis, therapy and prevention. The main part of the 3rd year of study is formed by practical courses in research courses of the Faculty (e.g. in the Institutes of Physiology, Medical Virology, Experimental Immunology, Molecular Cancer Research, Pharmacology and Toxicology, Molecular Life Sciences, Anatomy, Quantitative Biomedicine, etc.) and in various University hospitals in Zurich. There, students get the possibility to find their thematic priority within biomedicine or to choose a program within the Biology Master.

Major/Minor-Combinations: The Bachelor's study program Biomedicine 180 is a single major study program. No minor study program can be taken.

Part-Time Studies: Part-time studies are well possible due to the modular structure of the basic study period. However, the duration of studies will be extended and it must be noted that the sequence of compulsory modules of the basic study period is constructive. The third regular year of studies for the Bachelor's degree (advanced studies) contains block courses and lectures that take up the whole working week. Part-time students thus have to organize their time in advanced studies to ensure their presence in coherent time blocks of at least three and a half weeks. If necessary, the study counselling service can be contacted.

Organization: Faculty of Science

Academic Advisor: Dr. Sabine Jacob, [biomedizin@physiol.uzh.ch](mailto:biomedizin@physiol.uzh.ch)

Responsible Instructor: Lubor Borsig

Coordination: Sabine Jacob Sempach

**Part of:**

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biodiversity

### Description:

#### General description:

A minor study program in Biodiversity (30 ECTS credits) provides students with knowledge in some research areas of Biodiversity, and the ability to understand and tackle some questions.

:

The minor study program «Biodiversity» (30 ECTS) provides a scientific understanding of the patterns, processes and functions of biological diversity.

Graduates are able to link this knowledge with ecological and evolutionary biological concepts and are able to address some questions in biodiversity research.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

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The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor program includes compulsory modules in biodiversity sciences, which cover the topics of ecology, evolutionary biology, environmental sciences and the basic subjects mathematics and chemistry, as well as elective modules in natural and environmental sciences.

Major/Minor-Combinations: The minor program of study may be combined with any major program of study.

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, Claudia.Hegglin@ieu.uzh.ch

Responsible Instructor: Florian Altermatt

Coordination: Claudia Hegglin Braun

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biodiversity

### Description:

#### General description:

A minor study program in Biodiversity (60 ECTS credits) provides students with knowledge in several research areas of Biodiversity and the ability to understand and tackle the most important questions.

:

The minor study program «Biodiversity» (60 ECTS) provides a scientific understanding of selected patterns, processes and functions of biological diversity. Graduates are able to link this knowledge with ecological and evolutionary biological concepts and can address the most important questions in biodiversity research.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biology, Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor program includes compulsory modules in biodiversity sciences, which cover the topics of ecology, evolutionary biology, environmental sciences and the basic subjects mathematics and chemistry, as well as elective modules in natural and environmental sciences. The elective modules are freely selectable from the whole UZH and ETH offer.

Major/Minor-Combinations: The minor program of study may be combined with any major program of study.

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, Claudia.Hegglin@ieu.uzh.ch

Responsible Instructor: Florian Altermatt

Coordination: Claudia Hegglin Braun

### Part of:

Bachelor of Science Faculty of Science (2021)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject Education and Student Engagement

**Description:**

**Requirements:**

**Organization:**

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

**Part of:**

School for Transdisciplinary Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Value-based Innovation

**Description:**

**Requirements:**

**Organization:**

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

**Part of:**

School for Transdisciplinary Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Future Skills

### **Description:**

#### General description:

The School for Transdisciplinary Studies complements faculty programs of study, allowing students to contextualize and augment their specialized studies while expanding their personal networks. The School provides inter- and transdisciplinary courses from a variety of university-wide initiatives and providers, as well as courses designed to strengthen interdisciplinary skills. The inter- and transdisciplinary courses address future-oriented, cross-cutting topics and encourage reflection on inter- and transdisciplinarity. Additionally, in the Future Skills courses, transversal competences and methods are taught and reflected upon in a practically oriented manner.

<https://www.sts.uzh.ch/en/Students.html>

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The School for Transdisciplinary Studies contributes to studies that empower students to best meet current and future challenges and to act as responsible, innovative shapers in a pluralistic society.

### **Requirements:**

#### **Organization:**

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

#### **Part of:**

School for Transdisciplinary Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Italian Literature/Linguistics

### Description:

#### General description:

Those completing the program have optionally systematically acquired deeper knowledge in various areas of language and linguistics. They have a broader knowledge of areas including literary theory and history, methods of textual and cultural analysis, and Italo-Romance varieties from Latin to the present day. They are able to apply the analytical tools they have acquired to different types of text, linguistic structures, varieties, and communication situations, and are equipped to conduct and communicate independent research.

Graduates are qualified to embark on a further step in their education (such as a doctorate or the Teaching Diploma for Upper Secondary Education) or for the large number of careers requiring a knowledge of multiple languages, cultural competence, and intellectual independence. Non-native speakers improve their Italian language skills to at least C2 level.

Main Language of Instruction: Italian

#### Career Prospects:

Il Master in Linguistica e Letteratura Italiana del Romanisches Seminar offre stimolanti prospettive di carriera. Oltre alle numerose professioni nel settore terziario (economia; turismo; editoria; media; istituzioni culturali tra cui biblioteche, archivi e musei; organizzazioni internazionali; gestione delle risorse umane; professioni nel campo delle arti e in agenzie di comunicazione e uffici stampa; mediazione linguistica e culturale; ecc.) alle quali le competenze sono trasferibili, il percorso di studi permette alle studentesse e agli studenti di portare a compimento la formazione per docenti liceali, a Zurigo (Lehrdiplom für Maturitätsschulen per l'italiano come prima materia insegnamento), in Ticino (Diploma di insegnamento per le scuole di maturità e Master of Arts SUPSI in Insegnamento per il livello secondario I) o altrove.

Gli stage curriculari (Praktika) ti forniranno non solo una prima panoramica generale sulle differenti possibilità lavorative, ma ti permetteranno di acquisire in maniera stimolante nuove competenze spendibili nel mondo del lavoro.

Se invece ti interessa la ricerca e desideri proseguire gli studi anche dopo aver ottenuto il tuo Master, puoi intraprendere una formazione dottorale iscrivendoti a un Dottorato di ricerca, che costituisce il più alto livello di istruzione universitaria. Fin dal Master hai la possibilità di muovere i primi passi nel mondo della ricerca partecipando attivamente a convegni, seminari e workshop, e assistendo a numerose manifestazioni scientifiche organizzate dalle cattedre di italianistica.

### Requirements:

Branch of Study: Italian Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies



Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

**Part of:**  
Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Biomolecular Track

### Description:

#### General description:

The single major study program in Biochemistry (180 ECTS credits), Biomolecular Track imparts the relevant basic principles in physiology, molecular biology, chemistry, physics, mathematics, biochemistry and biophysics. The subject focus lies on the development of conceptual understanding in molecular biology, biochemistry and biophysics. In the area of generic competencies the emphasis is on scientific reasoning, working and presentation. The Bachelor's degree Biochemistry, Biomolecular Track qualifies for professional activities requiring a wide-ranging training in natural sciences. Program structure: The single major study program in Biochemistry, Biomolecular Track takes six semesters. It starts with the lower-level studies in biochemistry (1.-4. semester). The subsequent specialist study (5.- 6. semester) comprises lectures in molecular cell biology, protein biophysics and practical courses in gene technology, biochemistry and biophysics.

:

A bachelor study program in Biochemistry at UZH provides students with a qualified theoretical education in Chemistry, Physics, Mathematics, Molecular Biology, Biochemistry and Biophysics, as well as practical education in the foundational methods of biochemical research.

Main Language of German

Instruction:

Further Languages of English

Instruction:

#### Career Prospects:

The Bachelor's single major study program Biochemistry, Biomolecular Track qualifies for professional activities requiring a wide-ranging education in natural sciences.

#### Further Study Options:

The Bachelor's single major study program biochemistry, Biomolecular Track entitles the bearer to enroll for the Master's study program in biochemistry of the University of Zurich with no further conditions. The admission to related Master's study programs (biology, biomedicine) is possible. For these programs, however, the formal enrolment may be coupled to the fulfillment of requirements or conditions.

### Requirements:

Branch of Study: Biochemistry

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The Bachelor's single major study program in Biochemistry, Biomolecular Tr addresses to students who like to develop a chemical and molecular understanding of living processes, based on lower-level studies in biochemistry and molecular biology. The program takes six semesters. It starts with the lower-level studies in biochemistry (1.- 4. semester). The subsequent specialist study (5.- 6. semester) comprises lectures in molecular cell biology, protein biophysics and practical courses in gene technology, biochemistry and biophysics.

Major/Minor-Combinations: The Bachelor's study program Biochemistry is a single major study program. minor study program can be taken





Part-Time Studies: The modular structure allows part-time studies. This will lead, however, to a prolonged period of studies. The implementation of an individual programme plan should be coordinated with the student advisory services biochemistry beforehand.

Organization: Faculty of Science

Academic Advisor: Dr. Cristina Manatschal, studienberatung@bioc.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Biomedicine

### Description:

#### General description:

The PhD Program in Biomedicine includes a written dissertation about the own independent scientific research project. During this time, the PhD student should be author of at least two peer-reviewed original publications, with at least one publication as first author. The publications can be published submitted or in preparation. The program includes a curricular part of at least 12 ECTS credits. The curricular part is defined individually by each doctoral student in consultation with the student's doctoral committee. It considers the particular research subject but also transferable skill orientated training. The visit of two of the program's scientific retreats is compulsory. The progress of the PhD thesis is evaluated in at least three thesis committee meetings and reported in writing.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework.

Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study.

Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits;

requirements are specified according to the demands of the subject in which the PhD thesis will be written. The

Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional

requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants

whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Christian Grimm

Coordination: Andrea Barbara Schmitz-Derron

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Religion – Economics – Politics

### Description:

#### General description:

The Master's degree program Religion - Economics - Politics is designed to link the methodological knowledge gained in a Bachelor's degree program in one field of study (Theology, Religious Studies, Economics and Business Administration, or Political Science) with fundamental approaches used in the other disciplines in the program. Students learn to deal with complex questions that arise at the intersection of religion and economics/religion and politics. Students are then required to demonstrate their abilities in a Master's dissertation. The joint degree Master's program is an interdisciplinary academic program designed to enable graduates to independently recognize and to coherently analyze and assess the interrelationship between religion, economics and politics.

:

The interdisciplinary education provided by the Joint Degree Master's prog will equip students with the ability to independently identify, analyze and evaluate the relationship between religion, economy and politics in a focused way. As a result students will be ideally placed to address the challenges posed by a global economy and society, cross-border politics and increasing religious and cultural diversity, and to take an active role in dealing with the issues that arise.

Main Language of German

#### Instruction:

#### Career Prospects:

- Academic professions
- Consulting and management
- International organizations, NGOs
- State institutions
- Media, publishing
- Cultural, social and (inter)religious organizations and institutions
- Political parties, associations of civil society · Adult education

#### Further Study Options:

Completion of the Master's program entitles students to register for the doctoral program. The Faculty can make admission to the doctoral program dependent upon fulfillment of additional conditions. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

#### Further Study Options:

The precondition for admission is a Bachelor's degree or an equivalent qualification of at least the same standard in the study of religion, theology, political science or economics. Graduates from other disciplines can possibly be admitted after individual consideration of their records; admission may depend on the fulfillment of further conditions. Students are expected to be fluent in German and have a good command of English. A good command of French is also desirable.

Completion of the Master's program entitles students to register for the doctoral program. The Faculty can make admission to the doctoral program dependent upon fulfillment of additional conditions. Details can be found in the regulations for obtaining a doctoral degree.:



Zulassung ohne Bedingungen für Inhaber/-innen eines universitären Bachelor-Diploms der Studienrichtung(en):  
Religionswissenschaft, Theologie (evang. oder kath.), Wirtschaftswissenschaften, Politikwissenschaft

Branch of Study: Business Administration, Political Science, Study of Religions, Theology, Economics

Grading: Students are assessed at the end of each module.

Assessments are graded on a scale of 1 to 6, with 6 being the highest and 1 the lowest grade. Half-grades are given. A mark below 4 is regarded as a fail.

Assessments can also be graded on a pass/fail basis.

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

**Organization:**

Program Structure: The Joint Degree Master's program Religion - Economy - Politics as a full degree course (120 credits) consists of the following modules:

a\*) Introductory module, made up of lectures on fundamental issues and seminar dealing with methodologies (Fall semester)

b\*) 2 out of the 3 core modules «Religion», «Economy», those that did not form part of the previous academic study program (Fall semester)

c) 4 of the 5 advanced modules:

Religion and Economy (in Basel)

Religion and Politics (in Lucerne)

Religion and Public Life (in Zürich)

World Society and Globalization (alternating)

Institutions, Associations, Religious communities (alternating)

d\*) Master class (taught with Fellows of the ZRWP)

e\*) Integration module, consisting of research colloquium, Master's thesis its defense

In addition to these modules, students also have to pursue their specializations throughout the entire period of study.

Part-Time Studies: Part-time students can extend the period of study.

Organization: Faculty of Theology and the Study of Religion

Academic Advisor: [zrwp.master@unilu.ch](mailto:zrwp.master@unilu.ch)

Responsible Instructor: David Richard Atwood

Coordination:

**Part of:**

Master of Arts in Religion – Economics – Politics (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Ancient Judaism (specialized Master's)

### Description:

#### General description:

The degree program "Ancient Judaism" provides training for an academically sophisticated engagement with the historical forms of Judaism found in the midst of the cultures and societies of the Persian, Hellenistic, Roman, Late Antiquity, and early Medieval periods. This specialized masters degree program encompasses the history, literature, and religion of ancient Judaism from the Second Temple and the Rabbinical Periods. It includes the study of various Hebrew, Aramaic, and Greek sources as well as other related courses offered by the Faculty of Theology and the Study of Religion and the Faculty of Philosophy at the University of Zurich and the Faculty of Theology and the Faculty of Philosophy and History at the University of Bern.

:  
general information

Main Language of Instruction: German

#### Career Prospects:

The specialized masters degree in ancient Judaism does not prepare students for a specific career, but rather conveys-like the humanities and social sciences in general-knowledge of content and methodological competencies useful in a wide variety of careers.

- Media (print, radio, TV), journalism, public relations, publishing · Education (teaching, adult education)
- Cultural, social, and (inter)religious organizations and institutions (i.e., museums)
- Academics-research
- International and intercultural focused organizations, cultural mediation, translation
- Culture management, convention and exhibition organization · Tourism, tourguide
- Political advising, diplomatic service, etc.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.

### Requirements:

#### Further Study Options:

The entrance requirements generally follow the regulations for entrance requirements for studies at the University of Zurich (Verordnung über die Zulassung zum Studium an der Universität Zürich: VZS). Applicants for the specialized masters degree in ancient Judaism should provide the necessary documentation to the dean of the Faculty of Theology and the Study of Religion and the Study of Religion and the Study of Religion and the Study of Religion and the Study of Religion and the Study of Religion. The requirements for the specialized masters degree in ancient Judaism must fulfill the following requirements: a. bachelors degree in an



area related to the course of study, i.e., history, Judaism, classical languages, comparative religion, Semitics, or theology; b. sufficient completion of the bachelors or corresponding degree with high marks at a Swiss or foreign university that is generally recognized by the Faculty of Theology and the Study of Religion. c. Proficiency in Hebrew and Greek at Matura level or at the level required for the completion of a university Hebrew or Greek program. Special, reasoned exceptions may be made that allow for remedial completion of the language requirements during the course of study.

**Requests**

for such exceptions will be considered by the Academic Affairs Committee; d. An interview to provide the application with the level of knowledge expected on matriculation and goals for the degree program. If an applicant has different credentials than those listed above, the Academic Affairs Committee will determine whether the student fulfills the necessary requirements on a case by case basis and can request proof of additional studies or set further conditions for admittance. After consideration of the required documentation the Academic Affairs Committee will recommend acceptance or rejection of the application to the responsible authority.

**Grading:**

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. Half-grades are permitted. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Regulations:**

[https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

**Organization:**

**Program Structure:**

The specialized masters in ancient Judaism (120 Credit Points) includes the following modules:

- a) Introduction to the history of ancient Judaism I
  - b) Introduction to the history of ancient Judaism II
  - c) Introduction to the literature of ancient Judaism I
  - d) Introduction to the literature of ancient Judaism II
  - e) Interpretive Methods
  - f) Learning contract for a study program at a second academic institution
  - g) Masters thesis
  - h) Electives
- Guidelines under:

<https://www.theologie.uzh.ch/de/studium/master/antikesjudentum.html>

**Part-Time Studies:**

Part time studies will increase the duration of the program: The program duration can be increased to four years without special permission. The maximum duration for completion of the program is twice the time generally prescribed, calculated from the time a student begins the course of study.

**Organization:**

Faculty of Theology and the Study of Religion

**Responsible Instructor:**

Konrad Schmid

**Coordination:**

**Part of:**

Master of Arts in Ancient Judaism (JDP)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Ancient Judaism (specialized Master's)

### Description:

#### General description:

The degree program "Ancient Judaism" provides training for an academically sophisticated engagement with the historical forms of Judaism found in the midst of the cultures and societies of the Persian, Hellenistic, Roman, Late Antiquity, and early Medieval periods. This specialized masters degree program encompasses the history, literature, and religion of ancient Judaism from the Second Temple and the Rabbinical Periods. It includes the study of various Hebrew, Aramaic, and Greek sources as well as other related courses offered by the Faculty of Theology and the Study of Religion and the Faculty of Philosophy at the University of Zurich and the Faculty of Theology and the Faculty of Philosophy and History at the University of Bern.

:  
general information

Main Language of Instruction: German

#### Career Prospects:

The specialized masters degree in ancient Judaism does not prepare students for a specific career, but rather conveys-like the humanities and social sciences in general-knowledge of content and methodological competencies useful in a wide variety of careers.

- Media (print, radio, TV), journalism, public relations, publishing · Education (teaching, adult education)
- Cultural, social, and (inter)religious organizations and institutions (i.e., museums)
- Academics-research
- International and intercultural focused organizations, cultural mediation, translation
- Culture management, convention and exhibition organization · Tourism, tourguide
- Political advising, diplomatic service, etc.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.

### Requirements:

#### Further Study Options:

The entrance requirements generally follow the regulations for entrance requirements for studies at the University of Zurich (Verordnung über die Zulassung zum Studium an der Universität Zürich: VZS). Applicants for the specialized masters degree in ancient Judaism should provide the necessary documentation to the dean of the Faculty of Theology and the Study of Religion. The requirements for the specialized masters degree in ancient Judaism must fulfill the following requirements: a. bachelors degree in an area related to the course of study, i.e., history, Judaism, classical languages, comparative religion, Semitics, or





theology; b. sufficient completion of the bachelors or corresponding degree with high marks at a Swiss or foreign university that is generally recognized by the Faculty of Theology and the Study of Religion. c. Proficiency in Hebrew and Greek at Matura level or at the level required for the completion of a university Hebrew or Greek program. Special, reasoned exceptions may be made that allow for remedial completion of the language requirements during the course of study.

**Requests**

for such exceptions will be considered by the Academic Affairs Committee; d. An interview to provide the application with the level of knowledge expected on matriculation and goals for the degree program. If an applicant has different credentials than those listed above, the Academic Affairs Committee will determine whether the student fulfills the necessary requirements on a case by case basis and can request proof of additional studies or set further conditions for admittance. After consideration of the required documentation the Academic Affairs Committee will recommend acceptance or rejection of the application to the responsible authority.

Attaining a Master's degree entitles the student to continue studying at t doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.:

Zulassung: Die Zulassung zum Spezialisierten Masterstudiengang Antikes Judentum ist von folgenden Bedingungen abhängig: \* Abgeschlossenes Bachelorstudium in einem für den Masterstudiengang relevanten Bereich wie Religionswissenschaft, Theologie, Judaistik, Geschichte, Klassischer Philologie oder Semitistik. \* Entsprechende oder höherwertige Abschlüsse von in- und ausländischen Universitäten, die von den beiden Theologischen und Religionswissenschaftlichen Fakultäten generell anerkannt worden sind. \* Sprachkenntnisse in Hebräisch und Griechisch auf Maturitätsniveau oder dem Niveau der universitären Hebraicum- oder Graecum-Leistungsnachweise. Begründete Ausnahmen, die das Nachholen von Sprachkenntnissen während des Spezialisierten Masterstudiengangs erlauben, können auf Antrag hin durch die Studienkommission gewährt werden. \* Ein Interview, das über fachliche Voraussetzungen und Zielsetzungen der Bewerberinnen und Bewerber Auskunft gibt.

**Grading:**

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. Half-grades are permitted. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Regulations:**

[https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

**Organization:**

**Program Structure:**

The specialized masters in ancient Judaism (120 Credit Points) includes the following modules:

- a) Introduction to the history of ancient Judaism I
- b) Introduction to the history of ancient Judaism II
  
- c) Introduction to the literature of ancient Judaism I
- d) Introduction to the literature of ancient Judaism II
- e) Interpretive Methods
- f) Masters thesis
- g) Electives

**Part-Time Studies:**

Part time studies will increase the duration of the program: The program duration can be increased to four years without special permission. The maximum duration for completion of the program is twice the time generally prescribed, calculated from the time a student begins the course of study.



Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Konrad Schmid

Coordination:

**Part of:**

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major Graduate Campus courses and workshops

**Description:**

**Requirements:**

**Organization:**

Organization: Further Offers

Responsible Instructor:

Coordination:

**Part of:**

Transferable skills for PhD candidates



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Computational Linguistics and Language Technology

### Description:

#### General description:

The study program in Computational Linguistics and Language Technology provides insights into the scientific methods, latest theories, and methodological standards of the field. Those completing it have profound expertise in machine translation and text mining as well as an in-depth knowledge of various topics such as dialogue systems and discourse analysis. They have some expertise in speech processing. They are able to critically read research papers, scientifically evaluate new findings, and carry out their own research in the field of natural language processing. They have programming skills and are able to plan and implement language technology software in a structured and concise way. They are experts in the design of machine learning solutions and have gained basic project management skills. They have some teaching experience. They are qualified to join a PhD program at university level.

Main Language of English

Instruction:

#### Career Prospects:

Es bieten sich fünf Hauptberufsfelder an: (1) Softwareentwicklung im Bereich Sprachtechnologie (IT-Firmen): Im Tätigkeitsfeld Softwareentwicklung plant und entwickelt man sprachtechnologische Software.

Aufgabenschwerpunkte bestehen darin, die Anforderungen zu analysieren, IT-Lösungen zu entwickeln und Systeme zu programmieren. Die konkreten Aufgaben hängen dabei vom jeweiligen Anwendungsgebiet ab.

(2) Datenanalyse und Datenerhebung (Industrie allgemein, Medienunternehmen, IT-Firmen, Verwaltungen, Behörden, Bibliotheken): Im Tätigkeitsfeld Datenerhebung und -analyse sammelt, produziert und/oder annotiert man Sprachdaten und klassifiziert, aggregiert und analysiert sie. Weitere Aufgabenschwerpunkte bestehen darin, Daten zu verwalten oder für unterschiedliche Verwendungen aufzubereiten und zu konvertieren. Im Bereich Sprachtechnologie geht es vor allem um automatische Analyse von Medienberichten, automatische Sentimentanalyse (z.B. für Markt- und Meinungsforschung) und Semantikanalyse. Auch Frage-Antwort-Systeme und automatische Klassifizierung von Dokumenten und Kurztönen (z.B. Emails, Kundenanfragen etc.) sind Anwendungen der Sprachtechnologie.

(3) Terminologie und Übersetzung, Dokumentenmanagement (Firmen): Viele internationale Firmen, bzw. Firmen, die für den internationalen Markt produzieren, haben eigene Terminologie- und Übersetzungsabteilungen, in denen Computerlinguisten/-linguistinnen für die Implementation und den Ausbau bestehender Softwarelösungen zuständig sind. Dazu gehören neben der Pflege und Erweiterung bestehender Sprachressourcen auch das Trainieren von Übersetzungsverfahren anhand von neuem, ggfs. eigens dafür geschaffenem, multilingualem Sprachmaterial (Korpora). Auch die Evaluation von neuer Software und die Qualitätskontrolle und Optimierung existierender Lösungen gehören zu den Aufgaben.

(4) Consulting im Bereich Sprachtechnologie: Die Hauptaufgabe im Tätigkeitsfeld Consulting besteht darin, Lösungen für sprachtechnologische Fragestellungen eines Unternehmens oder einer Behörde zu finden. Dabei muss der Bedarf des Unternehmens analysiert und Sprachtechnologie-Methoden und -Tools evaluiert werden, um optimale Lösungen für die Fragestellung vorzuschlagen und deren Implementierung zu begleiten. Consulting kann dabei auch die Schulung und Weiterbildung von Anwendern im Betrieb oder der Behörde beinhalten. Die Aufgabe besteht dann darin, computerlinguistisches Grundwissen in geeigneter didaktischer Form aufzubereiten und zu vermitteln. Entscheidungsprozesse für die Entwicklung und den Einsatz sprachtechnologischer Produkte sind in bestimmten Fällen nicht nur mit kommerziellen, sondern auch mit ethischen Fragestellungen verknüpft. Consulting umfasst dann als Aufgabe auch die Sensibilisierung für gesellschaftliche Chancen, aber auch der Risiken beim Einsatz von Sprachtechnologie.

(5) Wissenschaft und Forschung: Im Bereich Computerlinguistik und Sprachtechnologie kann sowohl Grundlagenforschung wie auch angewandte Forschung betrieben werden. Universitäre Hochschulen bieten meistens beide Möglichkeiten, während in der Industrie und an den Fachhochschulen v.a. angewandte Forschung stattfindet. Die konkreten Themen sind hier sehr vielfältig und abhängig von der jeweiligen Institution und Forschungsstelle.

### Requirements:



Branch of Study: Informatics, Linguistics

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

**Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Computational Linguistics

Academic Advisor: [study@cl.uzh.ch](mailto:study@cl.uzh.ch)

Responsible Instructor: Rico Sennrich

Coordination: Jeannette Roth

**Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 JMM-LU-UZH

### **Description:**

#### General description:

Der Joint Medical Master bietet den Studierenden die Möglichkeit, ihr Masterstudium gleichzeitig an dem Departement Gesundheitswissenschaften & Medizin der UniLU und an der Medizinischen Fakultät der UZH zu absolvieren und ihnen dadurch vertiefte fachliche Kenntnisse und die Fähigkeiten und Fertigkeiten beziehungsweise die Voraussetzungen zur fachärztlichen Weiterbildung universitätsübergreifend zu vermitteln.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Medicine

Responsible Instructor:

Coordination:

#### **Part of:**

Joint Medical Master University of Lucerne



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Human Medicine

### **Description:**

#### General description:

The Master's degree program in Human Medicine fulfills the education outcomes as defined in the Swiss Medical Professions Act. Graduates of the Master's degree program in Human Medicine have acquired the skills necessary to provide outstanding primary medical care while upholding ethical standards and considering economic factors. They are furthermore committed to introducing preventive and health-promoting measures in their professions, and can recognize clinical symptoms related to other medical fields. The Master's degree program lasts three years and comprises 180 ECTS credits. Successful completion qualifies graduates to take the Swiss Federal Examination Human Medicine (Eidgenössische Prüfung Humanmedizin).

Main Language of Instruction: German

### **Requirements:**

:

Die Medizin baut auf den Gesetzen und der Denkweise der Naturwissenschaften auf und versucht, die biologischen Fakten des Menschen und ihre Störungen rational und, wenn möglich, numerisch zu erfassen, auf dieser Grundlage Diagnosen zu stellen und Behandlungen durchzuführen. Vorkenntnisse und besondere Interessen im Bereich der Naturwissenschaften sind daher von Vorteil.

In der klinischen Medizin sind auch die zwischenmenschlichen Beziehungen und psychologische, soziale und ökonomische Aspekte von grosser Bedeutung. Spass am Umgang mit Menschen sollten die zukünftigen Studierenden mitbringen.

Branch of Study: Human Medicine

### **Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

### **Part of:**

Master Human Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Chiropractic Medicine

### **Description:**

#### General description:

The Master's degree program in Chiropractic Medicine fulfills the education outcomes as defined in the Swiss Medical Professions Act.

Graduates of the Master's degree program in Chiropractic Medicine have acquired the skills necessary to provide outstanding primary chiropractic care while upholding ethical standards and considering economic factors. They are furthermore committed to introducing preventive and health-promoting measures in their professions, and can recognize clinical symptoms related to other medical fields. The Master's degree program lasts three years and comprises 180 ECTS credits. Successful completion qualifies graduates to take the Swiss Federal Examination in Chiropractic Medicine (Eidgenössische Prüfung Chiropraktik).

Main Language of Instruction: German

### **Requirements:**

:

Bedingungen für den Studieneintritt in den spezialisierten Masterstudiengang Master of Chiropractic:

- a) Bachelor of Medicine
- b) Schwerpunkt Chiropractic
- c) falls mehr als 20 Bewerberinnen / Bewerber mit gemäss a) u. b) erfüllten Kriterien: Notendurchschnitt aus dem Schwerpunkt Chiropractic

Für allfällige Studienortwechsler, die einen BA Med ohne Schwerpunkt Chiropraktik von anderen Schweizer Fakultäten vorweisen können, besteht die Möglichkeit, die Anforderungen aus dem Schwerpunkt Chiropraktik nachzuholen.

Die Bologna Reform sieht dafür die sogenannte Mastervorbereitungsphase vor; diese darf max. 6 Semester betragen.

Branch of Study: Human Medicine

### **Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

### **Part of:**

Master of Chiropractic Medicine





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Bioinformatics

### Description:

#### General description:

A Master's minor degree program in Bioinformatics (30 ECTS credits) consists of the compulsory modules Bioinformatics I, Informatik I and the Proseminar Computational Science. Students learn how to acquire and analyze biological data sets to give answers to biological problems.

:  
Graduates from the minor study program in Bioinformatics (30 ECTS credits) are able to - write computer programs of moderate complexity in a higher programming language, and use these programs to analyze biological data. - implement a biological question in such a program and answer it by analyzing biological data. - explain fundamental terms in Bioinformatics and understand important algorithms for data analysis in Bioinformatics. - collect relevant information from the literature on a topic in Bioinformatics and communicate it - in writing as well as orally - using the proper vernacular. - acquire and integrate various data sets from internet-based databanks.

Main Language of Instruction: English

### Requirements:

:  
The minor study program Bioinformatics (30 ECTS Credits) is offered as part of a Bachelor or Master degree program. The general admission requirements according to the regulations of UZH apply. The study program in Bioinformatics covers the same content, regardless of whether it is taken as part of a Bachelor's or Master's degree program. Therefore, it can only be taken and does not make specific admission requirements if studied on Master's I

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program in Bioinformatics (30 ECTS credits) consists of compulsory modules in Bioinformatics, core electives in basics of Biology or Informatics, Statistics and Bioinformatics, and electives. Students learn how to acquire and analyze biological data sets to give answers to biological problems.

Organization: Faculty of Science

Academic Advisor: PD Dr. Karin Isler, studienkoordination@biol.uzh.ch

Responsible Instructor: Andreas Wagner

Coordination: Karin Isler

### Part of:

Master of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Greek Philology

### Description:

#### General description:

Those completing the program have a deeper knowledge of Greek language and literature in all its breadth, from Homer and the classical period to late antiquity, influenced by the emergence of Christianity. They can deal with confidence with very demanding original texts in a variety of genres. In their interpretations they draw on both traditional (e.g. textual philology) and modern approaches to literary, cultural, and linguistic interpretation. They also have the ability to recognize and assess intercultural relationships. In their Master's thesis they have shown that they can do independent scholar work and complete a complex task to a deadline. In general they have consolidated the basic attitudes acquired at Bachelor's level (such as intellectual curiosity, old-fashioned creative thinking, etc.), preparing them for a variety of careers and professions both inside and outside the university.

Main Language of Instruction: German

#### Career Prospects:

Der Masterabschluss in Griechischer Philologie ist die Qualifikation für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre und bildet auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen, wobei für das 1. Unterrichtsfach ein Major und für das 2. ein Minor verlangt wird. Wegen des Erwerbs überfachlicher Kompetenzen (wie Genauigkeit, Ausdauer und Selbstständigkeit) eröffnen sich weitere Tätigkeitsbereiche wie Bibliotheken, Archive, Verlage, öffentliche Verwaltung, Museen und andere kulturelle Institutionen, Banken, Versicherungen, Journalismus, Verlagswesen, Kulturmanagement und Medienarbeit im weiteren Sinne, internationale Organisationen, Tourismus, Diplomatie.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Latin Philology

### Description:

#### General description:

Those completing the program have deeper knowledge of Latin language and literature in all its breadth, from the old Latin poets to late antiquity, influenced by the emergence of Christianity. They can deal with confidence with very demanding original texts in a variety of genres. In their interpretations they draw on both traditional (e.g. textual philology) and modern approaches to literary, cultural, and linguistic interpretation. They also have the ability to recognize and assess intercultural relationships. In their Master's they demonstrate that they can do independent scholarly work and complete a complex task to a deadline. In general they possess skills and abilities equipping them for a variety of careers and professions both inside and outside the university.

Main Language of Instruction: German

#### Career Prospects:

Der Breite der Anschlussmöglichkeiten entsprechend bietet der Masterabschluss eine Fülle von Berufsperspektiven: Der Masterabschluss in Lateinischer Philologie ist die Qualifikation für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre und bildet auch die fachwissenschaftliche Voraussetzung für das Lehrdiplom für Maturitätsschulen, wobei für das 1. Unterrichtsfach ein Major und für das 2. ein Minor verlangt wird. Ebenso eröffnen sich Tätigkeitsbereiche in Bibliotheken, Archiven, Verlagen, öffentlicher Verwaltung, Museen und anderen kulturellen Institutionen, Kulturmanagement und Medienarbeit.

### Requirements:

Branch of Study: Classical Philology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Carmen Cardelle

Coordination: Fabian Zogg

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Medieval Studies

### Description:

#### General description:

Medieval Studies is an interdisciplinary study program designed to teach students different methods of analysis and work systematically with the rich heritage of the Middle Ages. They acquire the ability to approach the subject from the perspective of philology, history, and art history. Specialized course offerings also train them to think and work on an interdisciplinary basis, and communicate scholarly findings in the appropriate form. Those who complete the methodologically-based study program are qualified for an academic career or work in an academic profession at a demanding level, for example in research management. Thanks to its interdisciplinary approach the program also equips students for work in cultural institutions such as archives, publishing houses, and museums.

Main Language of Instruction: German

#### Career Prospects:

Der methodisch ausgerichtete Master qualifiziert Absolventinnen und Absolventen für eine akademische Laufbahn oder für die Ausübung eines akademischen Berufs auf anspruchsvollem Niveau, zum Beispiel im Bereich Wissenschaftsmanagement.

Zudem bereitet er durch seine interdisziplinäre Ausrichtung auf eine Tätigkeit in kulturellen Institutionen wie Archiven, Verlagen oder Museen vor.

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Zentrum Zürcher Mediävistik

Academic Advisor: [koordination@mediaevistik.uzh.ch](mailto:koordination@mediaevistik.uzh.ch)

Responsible Instructor: Inga Mai Groote

Coordination: Maximilian Helmut Gamer

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Sociology

### Description:

#### General description:

The Master's program is intended to enable students to design their studie around the focus areas of research covered by the Institute of Sociology in the fields of life course and generations, economic sociology, or norms and cooperation. They discover and work on current research issues on the basis of theories and elaborated social science methods of data gathering and analysis.

The study program resolves around the acquisition of comprehensive expertise in planning and conducting theory-based empirical research into social structures and processes. Skills are taught placing particular emphasis on applying the capacity to think independently along analytical and conceptual lines to formulate and resolve research problems and questions. Those completing the program are qualified for demanding, complex work and involvement in public institutions, NGOs, private enterprise, or an academic environment.

Main Language of Instruction: German

### Requirements:

Branch of Study: Sociology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Sociology

Responsible Instructor: Jörg Rössel

Coordination: Bettina Isengard

### Part of:

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 History

### Description:

#### General description:

The Master's study program in History involves a thorough examination of history from antiquity to the most recent past. It places the emphasis on historical research, provides a deeper knowledge of theories and methods, and encourages students to engage intensively with a specific topic without limiting their broad historical knowledge or their professional or academic prospects. Those completing the program acquire the ability to work on their own ambitious topics and critically discuss methodological and theoretical concepts. They learn to think in terms of complex historical contexts and present them in a structured manner. The study program provides a high-level academic training. A Master's degree enables students to develop their own individual profile and qualifies them for ambitious professional challenges. It is also a prerequisite for those wishing to continue their academic career at doctoral level.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm berechtigt zum Abschluss des Studiums «Lehrdiplom für Maturitätsschulen» im Unterrichtsfach Geschichte (erstes Unterrichtsfach) bildet damit die fachwissenschaftliche Grundlage für eine Lehrtätigkeit an Maturitätsschulen. Es ermöglicht die Ausübung eines akademischen Berufes auf wissenschaftlichem Niveau in Gebieten der Geschichtswissenschaft.

Historikerinnen und Historiker arbeiten im Archiv-, Museums- und Ausstellungswesen, in Bibliotheken, Dokumentationsstellen und Verlagen. Weitere Tätigkeitsbereiche sind der Journalismus sowie die Medien- und Kommunikationsbranche allgemein. Das Studienprogramm ist auch eine gute Vorbereitung für den diplomatischen Dienst.

### Requirements:

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier



**Universität  
Zürich<sup>UZH</sup>**

**Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major Comparative and International Studies

### **Description:**

#### General description:

ETH Zurich Department of Humanities, Social and Political Sciences (D- GESS) and the University of Zurich Faculty of Arts are joint sponsors of the specialised Joint Master's degree programme in Comparative and International Studies (MACIS), but ETH Zurich is responsible for degree programme administration. ETH Zurich is the lead sponsor.

The MACIS is a research-oriented graduate program in political science. With its strong emphasis on methods, theory and research, the MACIS curriculum concentrates on questions of democracy, political violence, political economy, and sustainable development. The MACIS is a three semester program. All courses are taught in English.

<http://www.cis.ethz.ch/>

Main Language of Instruction: English

### **Requirements:**

#### **Organization:**

Organization: Center for Comp. and Int. Studies

Responsible Instructor:

Coordination:

#### **Part of:**

Master of Arts in Comparative and International Studies (ETH UZH)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 International Eastern European Studies

### Description:

#### General description:

The study program in International Eastern European Studies equips students to do independent scholarly work, imparting an in-depth knowledge of the history, politics, literatures, cultures, and languages of Eastern Europe. Those completing the program are familiar with the complex peculiarities of the region and specific historical developments, and have an awareness of cultural and social differences. They are able to understand social and political discourses in Eastern Europe, assess current and historical developments, and present them in a structured, differentiated fashion orally and in various types of text. They have a very good knowledge of at least one Eastern European language.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Die Osteuropastudien eignen sich gut für die Kombination mit sozialwissenschaftlichen Fächern und führen auf diese Weise zu Qualifikationen, die u. a. in den Bereichen Medien, Journalismus, Verlags- und Übersetzungswesen, kulturelle Institutionen und Dienstleistungen, diplomatischer Dienst, Verwaltung, soziale Dienste, NGOs nachgefragt werden.

Gesucht sind Absolventinnen und Absolventen auch von Unternehmen, die in Osteuropa tätig sind.

### Requirements:

Branch of Study: History, Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: studienberatungoes@hist.uzh.ch

Responsible Instructor: Sylvia Sasse

Coordination: Daniel Ursprung

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Computational Science (specialized Master)

### Description:

#### General description:

The specialized single major study program in Computational Science (90 ECTS credits) at Master's level provides students with in-depth techniques in computational and simulation science. The increasing power of computers has made calculations possible that were unthinkable a decade ago. The high level of complexity of scientific problems and industrial modeling can today be surmounted by modern computers and novel computational methods. These skills can now be considered as part of the technical foundation of scientists. The program provides students with the necessary skills and knowledge in computational sciences to conduct independent scientific research. Students are required to attend compulsory courses and seminars worth 15-25 ECTS credits. 35-40 ECTS credits are earned in elective modules. The compulsory master's thesis (30 ECTS credits) and master's examination complete the education.

:

Graduates of the spec. master's program acquire the following knowledge:

- Methodological foundations for simulation in the natural sciences.
- Numerical methods for differential equations in simulations
- Advanced high-performance computing
- Methods for visualization of simulation data
- Machine learning in the sciences

Additional learning objectives (elective modules) relate to the different application areas:

- Computational Physics and Astrophysics
- Computational chemistry
- Computer Graphics
- Applications in Earth and Environmental sciences

Main Language of Instruction: English

#### Career Prospects:

Graduates are well prepared for careers in academia or scientifically oriented industry. The program is inherently interdisciplinary, allowing students to work across boundaries in a dynamic environment and learn a wide range of numerical methods and their application in various fields.

Doctoral studies in one of several disciplines is another obvious option.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### Requirements:

#### Further Study Options:

The specialized mono/major study program Computational Science (90 ECTS credits) at Master's level requires one of the three UZH minor study programs Computational Science 60, Data Analysis in Natural Sciences, Simulations in Natural Sciences 30 or at least 30 ECTS credits from applied mathematics and programming modules during the bachelor's degree.

Graduates of Universities of Applied Sciences from Switzerland may be considered with additional requirements.

The overall qualification is evaluated by the admission committee.

Further information can be found here:

[https://www.ics.uzh.ch/en/studies/msc/spec\\_msc\\_cs.html](https://www.ics.uzh.ch/en/studies/msc/spec_msc_cs.html)



Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.:

See admission requirements here:

[https://www.ics.uzh.ch/astro/en/studies/msc/spec\\_msc\\_cs.html](https://www.ics.uzh.ch/astro/en/studies/msc/spec_msc_cs.html)

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: Students are required to attend compulsory courses and seminars worth 15-25 ECTS credits. 35-40 ECTS credits are earned in elective modules. The compulsory master's thesis (30 ECTS credits) and master's examination complete the education.

Major/Minor-Combinations: The specialized Master study program in Computational Science 90 can be taken as a single major or be combined with a minor 30.

Part-Time Studies: Das Teilzeitstudium ist aufgrund des modularen Aufbaus gut möglich. Die Studiendauer wird sich dadurch allerdings ausdehnen. Ein konkretes individuelles Modell für ein Teilzeitstudium sollte vorgängig mit dem Studienberater abgesprochen werden.

Organization: Faculty of Science

Academic Advisor: Dr. Stadel, Joachim, [stadel@physik.uzh.ch](mailto:stadel@physik.uzh.ch)

Dr. Douglas Potter, [douglas.potter@uzh.ch](mailto:douglas.potter@uzh.ch)

Responsible Instructor: Joachim Gerhard Stadel

Coordination: Elzbieta Joanna Rembelska

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Computational Science (specialized Master)

### Description:

#### General description:

The specialized major study program in Computational Science (90 ECTS credits) at Master's level provides students with in-depth techniques in computational and simulation science. The increasing power of computers has made calculations possible that were unthinkable a decade ago. The high level of complexity of scientific problems and industrial modeling can today be surmounted by modern computers and novel computational methods. These skills can now be considered as part of the technical foundation of scientists. The program provides students with the necessary skills and knowledge in computational sciences to conduct independent scientific research. Students are required to attend compulsory courses and seminars worth 15-25 ECTS credits. 35-40 ECTS credits are earned in elective modules. The compulsory master's thesis (30 ECTS credits) and master's examination complete the education.

:

Graduates of the spec. master's program acquire the following knowledge:

- Methodological foundations for simulation in the natural sciences.
- Numerical methods for differential equations in simulations
- Advanced high-performance computing
- Methods for visualization of simulation data
- Machine learning in the sciences

Additional learning objectives (elective modules) relate to the different application areas:

- Computational Physics and Astrophysics
- Computational chemistry
- Computer Graphics
- Applications in Earth and Environmental sciences

Main Language of Instruction: English

#### Career Prospects:

Graduates are well prepared for careers in academia or scientifically oriented industry. The program is inherently interdisciplinary, allowing students to work across boundaries in a dynamic environment and learn a wide range of numerical methods and their application in various fields.

Doctoral studies in one of several disciplines is another obvious option.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.

### Requirements:

#### Further Study Options:

The specialized mono/major study program Computational Science (90 ECTS credits) at Master's level requires one of the three UZH minor study programs Computational Science 60, Data Analysis in Natural Sciences, Simulations in Natural Sciences 30 or at least 30 ECTS credits from applied mathematics and programming modules during the bachelor's degree.

Graduates of Universities of Applied Sciences from Switzerland may be considered with additional requirements. The overall qualification is evaluated by the admission committee.

Further information can be found here:

[https://www.ics.uzh.ch/astro/en/studies/msc/spec\\_msc\\_cs.html](https://www.ics.uzh.ch/astro/en/studies/msc/spec_msc_cs.html)



Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the corresponding rules for Doctorates.:

See admission requirements here:

[https://www.ics.uzh.ch/astro/en/studies/msc/spec\\_msc\\_cs.html](https://www.ics.uzh.ch/astro/en/studies/msc/spec_msc_cs.html)

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: Students are required to attend compulsory courses and seminars worth 15-25 ECTS credits. 35-40 ECTS credits are earned in elective modules. The compulsory master's thesis (30 ECTS credits) and master's examination complete the education.

Major/Minor-Combinations: Das spezialisierte Masterprogramm in Computational Science 90 kann als Mono-Studienprogramm belegt werden oder mit einem Minor-Studienprogramm 30 kombiniert werden.

Part-Time Studies: Das Teilzeitstudium ist aufgrund des modularen Aufbaus gut möglich. Die Studiendauer wird sich dadurch allerdings ausdehnen. Ein konkretes individuelles Modell für ein Teilzeitstudium sollte vorgängig mit dem Studienberater abgesprochen werden.

Organization: Faculty of Science

Academic Advisor: Dr. Stadel, Joachim, [stadel@physik.uzh.ch](mailto:stadel@physik.uzh.ch)

Dr. Douglas Potter, [douglas.potter@uzh.ch](mailto:douglas.potter@uzh.ch)

Responsible Instructor: Joachim Gerhard Stadel

Coordination: Elzbieta Joanna Rembelska

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Chiropractic Medicine

### **Description:**

General description:

See Single Major 180

Main Language of German

Instruction:

### **Requirements:**

.

Die Medizin baut auf den Gesetzen und der Denkweise der Naturwissenschaften auf und versucht, die biologischen Fakten des Menschen und ihre Störungen rational und, wenn möglich, numerisch zu erfassen, auf dieser Grundlage Diagnosen zu stellen und Behandlungen durchzuführen. Vorkenntnisse und besondere Interessen im Bereich der Naturwissenschaften sind daher von Vorteil.

In der klinischen Medizin sind auch die zwischenmenschlichen Beziehungen und psychologische, soziale und ökonomische Aspekte von grosser Bedeutung. Spass am Umgang mit Menschen sollten die zukünftigen Studierenden mitbringen.

Branch of Study: Human Medicine

### **Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

### **Part of:**

Bachelor of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Human Medicine

### **Description:**

General description:

See Single Major 180

Main Language of German

Instruction:

### **Requirements:**

.

Die Medizin baut auf den Gesetzen und der Denkweise der Naturwissenschaften auf und versucht, die biologischen Fakten des Menschen und ihre Störungen rational und, wenn möglich, numerisch zu erfassen, auf dieser Grundlage Diagnosen zu stellen und Behandlungen durchzuführen. Vorkenntnisse und besondere Interessen im Bereich der Naturwissenschaften sind daher von Vorteil.

In der klinischen Medizin sind auch die zwischenmenschlichen Beziehungen und psychologische, soziale und ökonomische Aspekte von grosser Bedeutung. Spass am Umgang mit Menschen sollten die zukünftigen Studierenden mitbringen.

Branch of Study: Human Medicine

### **Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

### **Part of:**

Bachelor of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Neural Systems and Computation

### Description:

#### General description:

The Joint-Degree Master of Science UZH ETH in Neural Systems and Computation requires a Bachelor's degree in neuroscience, biology, physics, computer science, mathematics, or the engineering sciences or comparable knowledge in other disciplines. The program provides students with scientific knowledge and understanding and the capability to carry out independent scientific work.

Students will be prepared for research in the fields of experimental and theoretical neurosciences, and in neuromorphic engineering disciplines. Course components: Compulsory practical and theoretical courses account for 54 ECTS credits. Research projects are a part of these courses, either as a long Master's thesis of 45 ECTS credits or a short Master's thesis of 29 E credits in combination with two additional projects or seminars of 8 ECTS credits each. 18 ECTS credits are earned with restricted-optional modules and the remaining ECTS credits with optional modules.

Main Language of Instruction: English

### Requirements:

:

We offer a specialized full-time Master's study program open to students with a Bachelor's degree in the following disciplines: neurosciences, information technology, electrical engineering, biology, physics, computer sciences, chemistry, mathematics, and mechanical/chemical/control engineering.

Women in particular are encouraged to apply.

Please note that the admission committee cannot evaluate the admission chances of any individual candidate before submission of a full application (as defined below). We regret that we cannot respond to any inquiry about the likelihood of being admitted in the absence of a full application.

Please follow the procedure below and take note of the following registration deadlines:

Fall Semester: By December 31st of the previous year

Spring Semester: By July 31st of the previous year

Further Information:

[http://www.nsc.uzh.ch/?page\\_id=10](http://www.nsc.uzh.ch/?page_id=10)

:

The specialized Master's study program is open for students with a Bachelor degree in the following relevant disciplines: neuroscience, biology, chemistry, mathematics, physics, computer science, electrical engineering, information technology, and mechanical / chemical / control engineering. Applicants with a Bachelor degree from an Applied University in relevant disciplines or with a Bachelor degree in a non-relevant discipline (as above) can be admitted as well, but might have to complete additional coursework in the fields of neuroscience, physics, computer science, engineering, or biology (to be decided by the admission committee on a case-by-case basis). All admission decisions





are based on an interview with the applicant. More information about the application procedure can be found at <https://www.nsc.uzh.ch>.

**Organization:**

Organization: Faculty of Science

Academic Advisor: PD Dr Daniel Kiper  
danielch.kiper@lifescience.uzh.ch

Responsible Instructor: Mehmet Fatih Yanik

Coordination: Daniel Ch. Kiper

**Part of:**

Joint Degree Master of Science UZH ETH in Neural Systems and Computation



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Neuroeconomics

### Description:

#### General description:

Doctoral students demonstrate a systematic understanding of a field of study and mastery of the skills and methods of research associated with that field. They can conceive, implement, and adapt a research process with scientific integrity. Doctoral students can undertake original research which expands existing knowledge through substantial research contributions. Doctoral students can analyze and solve complex problems and critically reflect on scientifically relevant issues. They present and discuss their research field to the international scientific community as well as communicate their research field to the general public. Graduates of the structured doctoral program successfully completed courses with a total work load of 39 ECTS credits and are especially prepared for an academic career. The doctoral thesis covers a specific subject in Neuroeconomics of current scientific interest in great depth, and is publicly defended.

:

The Doctoral program in Neuroeconomics has a strong scientific focus, with the goal of enabling students to become independent first-class researchers. The faculty consists of internationally renowned scholars with expertise in behavioral economics, neuroimaging, neuropharmacology, brain stimulation techniques and computational modeling. In addition to its world-class Laboratory for Experimental and Behavioral Economics, the Department of Economics established the Laboratory for Social and Neural Systems Research.

This laboratory combines cutting-edge brain imaging technologies with non-invasive brain stimulation, neuropharmacology, and computational modeling to explore the biological mechanisms that underlie economic decision making.

Main Language of Instruction: English

### Requirements:

:

The conditions for admission to the Doctoral program in Neuroeconomics are published at: <https://www.oec.uzh.ch/en/studies/admission/phd.html>

### Organization:

Program Structure: The Doctoral Program in Neuroeconomics offers numerous courses on theoretical and practical aspects of research. Every student needs to attend several compulsory modules; on top of these obligatory courses, elective courses need to be taken that fit the specific student's profile. The doctorate is usually completed in three to five years. Please refer to the Doctoral program regulations for more details: <https://www.oec.uzh.ch/en/studies/regulations.html>. For a detailed description of all courses offered at the department as well as for suggestions on how the courses should be grouped so as to maximize learning success, consult the document entitled "Course descriptions" on the department's website: [www.econ.uzh.ch/en/study/phd/mpgsn/courses.html](http://www.econ.uzh.ch/en/study/phd/mpgsn/courses.html) (<https://www.econ.uzh.ch/en/study/phd/mpgsn/courses.html>).

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <https://www.econ.uzh.ch/en/study/phd/mpgsn.html>

Responsible Instructor: Todd Anthony Hare

Coordination: Mirjam Britschgi



**Universität  
Zürich<sup>UZH</sup>**

**Part of:**

Doctorate Neuroeconomics (PVO10)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Medicine

**Description:**

Main Language of Instruction: German

**Requirements:**

**Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

**Part of:**

Doctorate Faculty of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Dental Medicine

**Description:**

Main Language of Instruction: German

**Requirements:**

**Organization:**

Organization: Center of Dental Medicine

Responsible Instructor:

Coordination:

**Part of:**

Doctorate Faculty of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Informatics

### Description:

#### General description:

The doctorate is the third level of a three-level university education.

Doctoral students expand the knowledge acquired during their Bachelor's and Master's studies and acquire the skills required for the pursuit of scholarly work in informatics and its applications. The program qualifies students for academic professions in the field of teaching and research or for demanding employment in business and industry. The doctorate consists of a doctoral program with at least 30 ECTS credits and a written dissertation. In the doctoral program, the minimum ECTS credits required in each category are: 6 ECTS credits in doctoral courses, doctoral seminars, summer schools or doctoral symposia; 3 ECTS credits in research methodology; 3 ECTS credits in research colloquia; 3 ECTS credits in teaching and scientific communication; 6 ECTS credits in teaching practice, 9 ECTS credits in research practice.

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The Doctoral program of the Department of Informatics at the University of Zurich focuses on three fields - Information Systems, Software Systems, and Multimodal and Cognitive Systems. Application areas range from business information systems to social sciences, linguistics, natural sciences, and medicine. The department creates joint research ventures and integrates their results in the teaching of students. In addition, internationally renowned visiting professors regularly give courses on special topics. During the doctoral education and work, students deepen their skills and knowledge acquired at the Bachelor's and Master's levels with respect to science and its application.

Main Language of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Informatics are published at: [http://www.oec.uzh.ch/studies/general/admission/phd\\_en.html](http://www.oec.uzh.ch/studies/general/admission/phd_en.html)

### Organization:

Program Structure: This program consists of core courses on research methodology as well as research-specific courses depending on the focus of the Doctoral program. Students are encouraged to attend inhouse and off-site summer schools to deepen their research skills. At the latest at the end of the sixth semester, students write their thesis proposals and start working on their dissertation research under the supervision of a faculty member. The doctorate is usually completed in three to five years. Please refer to the Doctoral program regulations for more details: [https://www.oec.uzh.ch/regulations\\_en](https://www.oec.uzh.ch/regulations_en). For a detailed description of the courses offered at the department as well as for a general overview of the program's structure, consult the website of the Department of Informatics: <http://www.ifi.uzh.ch/teaching/studiengaenge/phd/programs>.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: [http://www.oec.uzh.ch/studies/phd/it\\_en.html](http://www.oec.uzh.ch/studies/phd/it_en.html)

Responsible Instructor: Elaine May Huang

Coordination: Karin Manuela Sigg

### Part of:

Doctorate Informatics (PVO08)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Informatics (fast track)

### Description:

#### General description:

The doctorate is the third level of a three-level university education.

Doctoral students expand the knowledge acquired during their Bachelor's and Master's studies (fast track) and acquire the skills required for the pursuit of scholarly work in informatics and its applications. The program qualifies students for academic professions in the field of teaching and research or for demanding employment in business and industry. The fast track doctorate consists of a doctoral program with at least 20 ECTS credits and a written dissertation. In the doctoral program the minimum ECTS credits required in each category are: 3 ECTS credits in doctoral courses, doctoral seminars, summer schools or doctoral symposia; 2 ECTS credits in research colloquia; 6 ECTS credits in teaching practice; 9 ECTS credits in research practice.

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The Doctoral program of the Department of Informatics at the University of Zurich focuses on three fields - Information Systems, Software Systems, and Multimodal and Cognitive Systems. Application areas range from business information systems to social sciences, linguistics, natural sciences, and medicine. The department creates joint research ventures and integrates their results in the teaching of students. In addition, internationally renowned visiting professors regularly give courses on special topics. During their studies at the Master's and Doctoral levels, students deepen their skills knowledge acquired at the Bachelor's level with respect to scientific work its application.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

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The conditions for admission to the Doctoral program in Informatics are published at: [http://www.oec.uzh.ch/studies/general/admission/phd\\_en.html](http://www.oec.uzh.ch/studies/general/admission/phd_en.html)

### Organization:

Program Structure: Students start with Master's courses and earn their Master's degree a semesters of coursework and a Master's thesis; if permitted, they then go with their Doctoral course work and their dissertation. The fast-track program may save excellent and ambitious students up to two semesters. One particular advantage is that their Master's thesis may serve as a research proposal i is of outstanding quality. After their research proposals have been approved, students start working on their dissertation under the supervision of a faculty member. The doctorate is usually completed in three to five years. Please refer to the Doctoral program regulations for more details: [http://www.oec.uzh.ch/regulations\\_en](http://www.oec.uzh.ch/regulations_en). For a detailed description of the courses offered at the department as well as for a general overview of the program&apos; structure, consult the website of the Department of Informatics: <http://www.ifi.uzh.ch/teaching/studiengaenge/phd/programs/bachelor.html>

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: [http://www.oec.uzh.ch/studies/phd/it\\_en.html](http://www.oec.uzh.ch/studies/phd/it_en.html)

Responsible Instructor: Elaine May Huang

Coordination: Karin Manuela Sigg





**Universität  
Zürich**<sup>UZH</sup>

**Part of:**

Doctorate Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Law

### Description:

#### General description:

The bilingual Master of Law UZH UNIL provides students with the opportunity to complete the Master's course at the Faculty of Law of the University of Zu and the Faculty of Law, Criminal Justice and Public Administration of the University of Lausanne simultaneously. Taking advantage of courses at both universities will enable an in-depth study of Swiss and international law, as well as the German and French legal language respectively.

The degree program Master of Law UZH UNIL offers considerable freedom of options to pursue their individual interests. The program prepares and qualifies them for work in science and research and equips them with the necessary skills to practice in the legal professions.

Main Language of Instruction: German

Further Languages of Instruction: English, French

#### Further Study Options:

Following completion of a Master's program, it is possible to obtain addit qualifications as part of a general PhD or Faculty of Law doctorate program.

The Faculty of Law also offers various options for further education:

- LL.M. programs or CAS (<https://www.weiterbildung.uzh.ch/de/wbprogramme/fakultaet/rwf.html>)
- Diploma in Secondary School Teaching in Business and Law

All Master's programs at the Faculty of Law of the University of Zurich pa the way for the cantonal bar examinations.

### Requirements:

#### Further Study Options:

To participate in a bilingual joint degree Master's program, students must matriculated at one of the two universities.

To be admitted to the Master's program, candidates must have completed a Bachelor of Law from a Swiss university. Students with a foreign Bachelor of Law or an equivalent degree may be admitted to the Master's study program subject to restrictions worth a maximum of 60 ECTS credits.

Any student who has been definitively excluded from studies at the Faculty of Law, University of Zurich, or from any other Swiss faculty of law, will no longer be admitted to a program of study in law. Further information is available from the academic advisory service.

Grading: Each module is concluded with a student assessment. Performance is graded on a scale from 1 to 6, with 6 denoting the highest and 1 the lowest grade. Half grades are permitted. A grade below 4 indicates insufficient performance. Performance can also be graded on a "pass" or "fail" basis.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:

Major/Minor-Combinations: The degree program does not provide a minor subject. The degree program cannot be studied as a minor subject as part of another degree program.

Part-Time Studies: Part-time study is possible for students who are employed or who have care-giving obligations. The duration of the programme is correspondingly longer. Further information is available from the academic advisory service.



Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

MLaw UZH UNIL (Joint Degree Program, RVO21)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Chiropractic Medicine

**Description:**

Main Language of Instruction: German

**Requirements:**

**Organization:**

Organization: Geschäftsstelle UMZH / MeF

Responsible Instructor:

Coordination:

**Part of:**

Doctorate Faculty of Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Systems Biology

### Description:

#### General description:

The doctoral program in Systems Biology includes a written dissertation about the own independent scientific research project. The program includes a curricular part of at least 12 ECTS credits. The curricular part is determined individually for each doctoral student in agreement with the thesis supervisor. Students must attend at least two of the systems biology program's block courses totaling at least 6 ECTS credits.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program.

Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral

study; restrictions may be fulfilled during doctoral study. Coursework required

to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified

according to the demands of the subject in

which the PhD thesis will be written. The Vice Dean of Studies decides on

admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction

in the PhD programs is English. All applicants whose native language is not

English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

:

A joint doctorate at the Faculty of Science of the UZH and the ETH Zurich is only open to applicants whose responsible professor, with the right to confer a PhD at the Faculty of Science, has a double professorship at the UZH and at the ETHZ.

### Organization:

Organization: Faculty of Science

Responsible Instructor:

Coordination:

### Part of:

Joint Doctorate at the Faculty of Science of the UZH and the ETH Zurich



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Molecular Life Sciences

### Description:

#### General description:

The doctoral program in Molecular Life Sciences (MLS) includes a written dissertation about the own independent scientific research project.

The program includes a curricular part of at least 12 ECTS credits, of which 7 ECTS credits must be gathered by attending activities organized by the MLS program. The four compulsory modules include a course in scientific writing and ethics in science as well as the attendance of the 1st-year-presentations and the student retreat.

Elective modules comprise the participation in tutorials, introductions into different techniques, methods and research areas as well as the help on committees of the program. Furthermore, the attendance of transferable skills courses offered by the Life Science Zurich Graduate School is recommended.

Doctoral students have to contribute a minimum of 100 and a maximum of 420 hours to teaching activities during their doctoral studies.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science.

There is no general right to be granted admission to a PhD program.

Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral

study; restrictions may be fulfilled during doctoral study. Coursework required

to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in

which the PhD thesis will be written. The Vice Dean of Studies decides on

admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction

in the PhD programs is English. All applicants whose native language is not

English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

:

A joint doctorate at the Faculty of Science of the UZH and the ETH Zurich is only open to applicants whose responsible professor, with the right to confer a PhD at the Faculty of Science, has a double professorship at the UZH and at the ETHZ.

### Organization:

Organization: Faculty of Science

Responsible Instructor:

Coordination:

**Part of:**



**Universität  
Zürich**<sup>UZH</sup>

Joint Doctorate at the Faculty of Science of the UZH and the ETH Zurich



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Sinology

### Description:

#### General description:

The major in Sinology provides general knowledge of China, an introduction to relevant theories, methodologies, and tools related to the discipline, and a fundamental knowledge of various specialist areas, such as the literature, language, history, society, philosophy, or religions of China. Those graduating from the program have solid reading skills in the modern and classical written language, a mastery of spoken standard Chinese, the ability to write simple texts in Chinese, initial experience in working with scholarly sources (secondary sources and primary sources in translation), expertise in critically contextualizing information in relation to China, and general skills in addressing, presenting, and communicating complex issues. Thanks to the personal and social skills and experience in relation to China acquired during the program, those completing the program are able to skilfully navigate one of Asia's largest cultural and economic regions.

Main Language of Instruction: German

#### Career Prospects:

Studierende des Majors «Sinologie» erwerben eine Vielzahl von fachl sprachlichen, sozialen und persönlichen Kompetenzen, die eine souveräne Orientierung im grössten Kultur- und Wirtschaftsraum Ostasiens erlauben. Die vermittelten Kenntnisse befähigen zur weiteren wissenschaftlichen Qualifikation im Rahmen eines Masterstudiums, und sie sind der Schlüssel für eine erfolgreiche chinabezogene Arbeit in vielen nicht-akademischen Berufsfeldern wie etwa politische Beratung, Verlagswesen und Journalismus, Diplomatie und Verwaltung, Bibliotheks- und Stiftungswesen, Tourismus, Wirtschaft, Kulturvermittlung und Übersetzung.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [sin.studies@aoi.uzh.ch](mailto:sin.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Arts (RVO19)





**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Veterinary Medicine

### Description:

#### General description:

The doctorate in veterinary medicine is a scholarly thesis written under supervision. In writing their thesis, students acquire skills in conducting scholarly research in the field of veterinary medicine or related biomedical life sciences, including the ability to plan and conduct research as well as to evaluate and interpret findings and present them in written form.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
Master's degree, or equivalent, in Veterinary Medicine and license to practice Veterinary Medicine

Grading: Thesis assessment, Thesis defence

Regulations: <http://www.vet.uzh.ch/en/studium/doktorat/Drmedvet.html>

### Organization:

Major/Minor-Combinations: no combinations possible

Organization: Vetsuisse Faculty

Academic Advisor: <https://www.vet.uzh.ch/en/studium/doktorat/drmedvet.html>

Responsible Instructor: Thomas Lutz

Coordination: Thomas Lutz

### Part of:

Doctorate Veterinary Medicine

## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program RNA Biology

### Description:

#### General description:

Students of the PhD Program RNA Biology carry out their doctoral studies either at the UZH, the ETHZ or the University of Bern under the specific institutional regulations. The program is supported by the Life Science Zurich Graduate School (LSZGS), a joint organization of the UZH and ETH Zürich, and by the Graduate School for Cellular and Biomedical Sciences (GCB) of the University of Bern. Prerequisite for the promotion is the composition and the successful defense of a dissertation, which contains original scientific contributions. The program includes a curricular part of at least 12 ECTS credits. The following courses and activities are recommended to students enrolled in the "RNA Biology" program: RNA Biology lecture I&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;II (3 ECTS per lecture), partici at the NCCR RNA&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Disease Summer Schools, participation at the Sw Workshop, attendance at the NCCR RNA&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Disease Research Seminars.

Main Language of            English  
Instruction:

### Requirements:

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework.

Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study.

Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits;

requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization:            Faculty of Science

Responsible Instructor:    Frédéric Allain

Coordination:            Isabelle Allen

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Computational Science

### Description:

#### General description:

Das Doktoratsprogramm Computergestützte Wissenschaften umfasst das Verfassen der Dissertation über die eigene selbstständige wissenschaftliche Forschungsarbeit. Das Programm beinhaltet einen curricularen Anteil von mindestens 12 ECTS Credits. Der curriculare Anteil wird für jeden Doktorierenden individuell durch die Promotionskommission festgelegt, wobei das spezifische Umfeld des Forschungsgebietes berücksichtigt aber auch auf eine allgemeine Ausbildung in den Computergestützten Wissenschaften geachtet wird.

Dabei muss mindestens ein für die Dissertation inhaltlich relevanter wissenschaftlicher Kongress oder eine Summer School pro Jahr besucht werden.

Die regelmässige Teilnahme an wöchentlichen Forschungsseminarien ist dringend empfohlen (keine ECTS Credits). Zusätzlich müssen Doktorierende in jedem Semester mindestens ein Lehrdeputat übernehmen.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science.

There is no general right to be granted admission to a PhD program.

Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral

study; restrictions may be fulfilled during doctoral study. Coursework required

to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in

which the PhD thesis will be written. The Vice Dean of Studies decides on

admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction

in the PhD programs is English. All applicants whose native language is not

English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

:

A joint doctorate at the Faculty of Science of the UZH and the ETH Zurich is only open to applicants whose responsible professor, with the right to confer a PhD at the Faculty of Science, has a double professorship at the UZH and at the ETHZ.

### Organization:

Organization: Faculty of Science

Responsible Instructor: Robert Feldmann

Coordination: Elzbieta Joanna Rembelska

### Part of:

Joint Doctorate at the Faculty of Science of the UZH and the ETH Zurich



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Digital Humanities and Text Mining

### Description:

#### General description:

The Digital Humanities and Text Mining minor study program is offered by the Faculty of Arts and Social Sciences for Bachelor's students in the Faculty of Business, Economics and Informatics, and the Faculty of Science. It gives insights into a coherent disciplinary field of interrelated themes and content, and allows students to choose their own area of focus. We live in a knowledge society where information is generally available in digital, often textual, form. While the information needs vary from subject to subject, there is a common denominator, as they all require methods and tools to automatically mark and extract the information sought in texts. The Digital Humanities and Text Mining study program provides an introduction to the methods and tools used in the computer-aided analysis of documents. The methods and knowledge acquired by participants will enable them to do simple analyses in their own field.

:

The goals of the program include the acquisition of a basic knowledge of programming and the methods and tools used to analyze digital documents.

Main Language of German

Instruction:

#### Further Study Options:

This is not a consecutive study program. It is not offered at the Master's level.

### Requirements:

#### **Organization:**

Program Structure: Participants have a free choice of modules from those on offer. Please note that certain modules may assume prior knowledge or skills. Please also note that the graded module component amounts to at least 9 ECTS credits.

Major/Minor-Combinations: The study program can be chosen in combination with a major program at the Faculty of Economics, Business Administration and Informatics, or the Faculty of Science.

Part-Time Studies: Part-time study is possible; the period of study will be extended accordingly.

Organization: Faculty of Arts and Social Sciences

Academic Advisor: studium@phil.uzh.ch

Responsible Instructor: Rico Sennrich

Coordination: Jeannette Roth

#### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 History, Society, Politics

### Description:

#### General description:

The History, Society, Politics minor study program is offered by the Faculty of Arts and Social Sciences for Bachelor's students in the Faculty of Business, Economics and Informatics, and the Faculty of Science. Social and societal contexts have a great influence on academic disciplines, and help determine how research in these disciplines is accepted, promoted, and implemented. An understanding of the temporal and social dimensions and of political decisionmaking is therefore an important component of successful research and its application in society. This minor study program is designed to address this point of intersection by endeavoring to give participants a deeper insight into history, society, and politics. Participants can set their own area of focus through their choice of modules.

:

Students completing the course will be able to place the knowledge acquired in their major subject in a social, political, and historical context, and reflect on it accordingly.

Main Language of Instruction: German

#### Further Study Options:

This is not a consecutive study program. It is not offered at the Master's level.

### Requirements:

#### **Organization:**

Program Structure: Participants have a free choice of modules from those on offer. Please note that certain modules may assume prior knowledge or skills. Please also note that the graded module component amounts to at least 9 ECTS credits.

Major/Minor-Combinations: The study program can be chosen in combination with a major program at the Faculty of Economics, Business Administration and Informatics, or the Faculty of Science.

Part-Time Studies: Part-time study is possible; the period of study will be extended accordingly.

Organization: Faculty of Arts and Social Sciences

Academic Advisor: studium@phil.uzh.ch

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

#### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Cultural Contexts

### Description:

#### General description:

The Cultural Contexts minor study program is offered by the Faculty of Arts and Social Sciences for Bachelor's students in the Faculty of Business, Economics and Informatics, and the Faculty of Science. It gives insights into a coherent field of interrelated themes and disciplines, and allows students to choose their own area of focus.

Contextual cultural knowledge is vital in terms of enabling academic disciplines to position themselves historically and globally. This knowledge is acquired through an exploration of the temporally and geographically unfamiliar, as well as through closer investigation and analysis of the supposedly familiar.

The study program is designed to give participants a fundamental grounding in cultural theory, cultural history, and interculturality, a basic knowledge of the theory and practice of cultural and artistic forms of expression, and the ability to reflect on and bridge cultural differences.

:

The goals of the program are for participants to a) acquire a basic knowledge of cultural theory and cultural history; b) rehearse intercultural dialogue (through contextual studies or language acquisition); and c) engage with cultural forms of expression (literature, music, visual arts, and film).

Main Language of German

#### Instruction:

#### Further Study Options:

This is not a consecutive study program. It is not offered at the Master's level.

### Requirements:

#### Organization:

Program Structure: Participants have a free choice of modules from those on offer. Please note that certain modules may assume prior knowledge or skills. Please also note that the graded module component amounts to at least 9 ECTS credits.

Major/Minor-Combinations: The study program can be chosen in combination with a major program at the Faculty of Economics, Business Administration and Informatics, or the Faculty of Science.

Part-Time Studies: Part-time study is possible; the period of study will be extended accordingly.

Organization: Faculty of Arts and Social Sciences

Academic Advisor: studium@phil.uzh.ch

Responsible Instructor: Philipp Theisohn

Coordination: Charlotte Schweri Litscher

#### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Ethics

### Description:

#### General description:

The Ethics minor study program is offered by the Faculty of Arts and Social Sciences for Bachelor's students in the Faculty of Business, Economics and Informatics, and the Faculty of Science. It gives insights into a coherent field of interrelated themes and disciplines, and allows students to choose their own area of focus. Ethics deals with moral, social, and political issues against the backdrop of an exploration of the methodological and technical fundamentals of moral theories. Among other things the program is designed to enable participants to acquire a basic knowledge of the methodology of practical philosophy, familiarity with the classical conception of moral and ethical argumentation, and the ability to methodically reflect on ethical issues, and discuss or work with them independently at a high level of rational discourse.

:

The goals of the program include the acquisition of knowledge of key concepts, problems, and theories in the field of ethics. Students gain insights into the history of western ideas and concepts, and become familiar with the distinctive nature of ethical issues and argumentation. They learn appropriate ways of talking and writing about philosophical texts and argumentation, and how to deploy specific tools and resources. The program is designed to promote enhanced analytical and reflective skills, keen methodological awareness, cultivated linguistic and argumentative skills, and hermeneutic competence. Students of ethics also learn how to critically question assumptions.

Main Language of Instruction: German

#### Further Study Options:

This is not a consecutive study program. It is not offered at the Master's level.

### Requirements:

#### **Organization:**

Program Structure: Participants have a free choice of modules from those on offer. Please note that certain modules may assume prior knowledge or skills. Please also note that the graded module component amounts to at least 9 ECTS credits.

Major/Minor-Combinations: The study program can be chosen in combination with a major program at the Faculty of Economics, Business Administration and Informatics, or the Faculty of Science.

Part-Time Studies: Part-time study is possible; the period of study will be extended accordingly.

Organization: Faculty of Arts and Social Sciences

Academic Advisor: studienberatung@philos.uzh.ch

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert

#### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Veterinary Medicine Science

### **Description:**

#### General description:

The doctoral program that is run in collaboration with the Graduate School for Cellular and Biomedical Sciences at the University of Bern includes a written dissertation about an independent scientific research project, and is usually completed in three to four years. The program includes a curricular part of at least six ECTS credits. The specific composition of those curricular activities is determined individually by the doctoral candidate, the thesis committee, and the expert committee in the doctoral agreement.

Main Language of Instruction: English

### **Requirements:**

:

Applicants should possess a Master's degree, or equivalent, in Life Science related areas, Biomedical Engineering, Medicine, Dentistry, or Veterinary Medicine.

:

Applicants must pass a personal interview.

Regulations: <https://www.vet.uzh.ch/en/studium/doktorat/phd.html>

### **Organization:**

Major/Minor-Combinations: no combinations possible

Organization: Vetsuisse Faculty

Academic Advisor: <http://www.vet.uzh.ch/en/studium/doktorat/phd.html>

Responsible Instructor: Thomas Lutz

Coordination: Thomas Lutz

### **Part of:**

PhD of Veterinary Medicine



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Drug Discovery

### **Description:**

#### General description:

The doctoral program Drug Discovery under the umbrella of the Life Science Graduate School Zurich includes a written dissertation about an independent scientific research project. The program includes a curricular part of at least 12 ECTS

credits. The curricular part includes the compulsory attendance of the lecture series "Topics in Drug Discovery", the participation in the regular retreats of the program, as well as the completion of selected Master/PhD courses offered by the ETHZ or UZH.

The compilation of the curricular activities is determined individually by the student and the doctoral committee. Generally, the doctoral regulations of the respective university have to be fulfilled.

Main Language of Instruction: English

### **Requirements:**

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework.

Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study.

Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits;

requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### **Organization:**

Organization: Faculty of Science

Responsible Instructor: Michael Arand

Coordination: Olga von Niederhäusern

### **Part of:**

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Veranstaltungen Privatdozierende

**Description:**

**Requirements:**

**Organization:**

Organization: Faculty of Arts and Social Sciences

Responsible Instructor:

Coordination:

**Part of:**

Veranstaltungen Privatdozierender PHF ausserhalb von Studienprogrammen, nicht anrechenbar an UZH-Studienabschlüsse



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major Computational Biology and Bioinformatics

### Description:

#### General description:

The Computational Biology & Bioinformatics MSc program is a Joint Degree Programme: ETH Zürich, University of Zürich, University of Basel:

- is a specialized and interdisciplinary program;
- focuses on the development of concepts and methods rather than merely on applications of bioinformatics;
- includes practical experience in biology, computer science methods, and their combination;
- places particular emphasis on the systematic integration of experimental biology / data generation.

### Requirements:

:  
Admission 'sur dossier' with evaluation by committee.

- All students need to apply via ETH's application system.
- Interdisciplinary (biology, computer science, math):
- Mandatory skills, committee can issue additional requirements.
- Requirements have to be fulfilled at the beginning of the MSc. &sect; You can apply without having fulfilled these requirements.
- Further requirements for Univ. Applied Sciences graduates.

### Organization:

Organization: Faculty of Science

Academic Advisor: Prof. Dr. Christian von Mering  
mering@imls.uzh.ch

Responsible Instructor: Christian von Mering

Coordination:

### Part of:

Joint Degree Master of Science ETH UZH Unibas Computational Biology and Bioinformatics



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Data Science

### Description:

#### General description:

The doctoral program in Data Science includes a written dissertation about the own independent research project. The program further includes a curricular part of at least 12 ECTS credits. The curricular part is determined individually for each doctoral student by the doctoral committee and it covers both the specific topic area of the research project and a general education in Data Science and data analysis in Natural Sciences. ECTS credits may also be awarded for active participation in conferences or other activities of relevance for the doctoral study. The regular participation in weekly research seminars is compulsory (no ECTS credits). Additionally, doctoral students must take at least one teaching load in each semester.

Main Language of Instruction: English

### Requirements:

:

Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework.

Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study.

Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits;

requirements are specified according to the demands of the subject in which the PhD thesis will be written. The

Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional

requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants

whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

### Organization:

Organization: Faculty of Science

Academic Advisor: Alessandra Spanu, [alessandra.spanu@uzh.ch](mailto:alessandra.spanu@uzh.ch)

Responsible Instructor: Jan Dirk Wegner

Coordination: Alessandra Spanu

### Part of:

Doctorate Faculty of Science



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Veterinary Medicine

### Description:

#### General description:

Veterinary Medicine deals with all measures, including breeding, husbandry, nutrition and treatment, that promote animal health and wellbeing. Veterinarians carry out research on the prevention and treatment of diseases, work toward protecting people against illnesses contracted from animals and endeavor to apply controls on animal-based foodstuffs. In addition, veterinarians are active in issues of animal and environmental protection. The Bachelor's degree in Veterinary Medicine qualifies students to continue studying toward a Master's degree.

:

The Bachelor's degree in Veterinary Medicine furnishes students with a good background in scientific, veterinary and medical knowledge, basic skills for veterinary procedures and basic clinical knowledge.

Main Language of Instruction: German

#### Career Prospects:

The Bachelor's degree program does not prepare students to immediately embark on a career as a vet, but provides students with the knowledge necessary to move on to the Master's degree program in Veterinary Medicine. Following completion of the Bachelor's degree program, students of Veterinary Medicine generally study toward a Master's degree in the field.

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in the same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences beyond those acquired in the Bachelor's program. This is also applicable to acceptance onto specialized Master's courses. In any event, even when the Master's course is in the same subject, the faculty can make the completion of a Master's degree dependent on the fulfillment of additional requirements. These requirements can also be fulfilled during the Master's course. The details are set out in the framework rules and the study rules.

### Requirements:

#### Further Study Options:

Information on Application can be taken from <http://www.uzh.ch/en/studies/application/medicine.html>

Branch of Study: Veterinary Medicine

Grading: Assessments are either graded or marked Pass (Attended/Fulfilled). Grades for assessments are given on a scale of 1 to 6. The highest grade is 6, the lowest 1. Grades awarded in half-grade increments are the norm; quarter-grade increments are possible. An assessment receiving a grade of 4 or higher is deemed passed. ECTS credits are awarded if an assessment is marked Pass or given a grade of 4 or higher.

Regulations: <http://www.vet.uzh.ch/de/studium/vetmed/Studienreglement.html>

### Organization:

Program Structure: The modular degree program takes three years. The first year provides a foundation in science and veterinary medicine. In the second and third years students tackle clinical issues. Modular, organ-based courses provide a comprehensive education through the combination of foundation courses and clinical subjects. Students are also expected to expand their knowledge of other areas - e.g. microbiology, genetics, animal nutrition - in non-organ-based courses.

Part-Time Studies: Part-time studies are the exception



Organization: Vetsuisse Faculty

Academic Advisor: <http://www.vet.uzh.ch/de/studium/beratung/studienfachberatung.html>

Responsible Instructor: Thomas Lutz

Coordination: Thomas Lutz

**Part of:**

Bachelor of Veterinary Medicine 2021





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 150 Veterinary Medicine

### Description:

#### General description:

The Master's degree program in Veterinary Medicine builds on the knowledge gained in the Bachelor's curriculum. Students acquire the practical skills needed to work as a veterinarian, while also having the opportunity to specialize in non-clinical subjects. All students are required to write a Master's thesis, which is regarded as an introduction to scholarly research.

After successfully completing the degree program, graduates are entitled to take the federal examination in Veterinary Medicine. Upon passing this exam, they have earned the Federal Veterinary Diploma, which qualifies them to practice Veterinary Medicine throughout Switzerland.

:

The Master's program provides students with the most important practical skills required to work competently and independently as a veterinarian.

At the end of the study program students will be in a position to take up a position as veterinarian in all areas of veterinary medicine.

Students will acquire the fundamental skills and knowledge required for life-long advanced and further studies, they will learn to act responsibly and to understand their own abilities and limits.

Main Language of German

Instruction:

#### Career Prospects:

The Master's program in veterinary medicine prepares students for professional and scientific careers.

Only upon completion of the Master's program and the successful completion of the final federal examination may students practice as veterinarians.

#### Further Study Options:

Completion of the Master's program entitles students to register for the doctoral program. The faculty can make admission to the doctoral program dependent upon fulfillment of additional conditions. Details can be found in the regulations for obtaining a doctoral degree.

### Requirements:

#### Further Study Options:

To gain admission to the Master's program, students must have completed a Bachelor's program in Veterinary Medicine.

Information on Application can be taken from <http://www.uzh.ch/en/studies/application/medicine.html>

Branch of Study: Veterinary Medicine

Grading: Assessments are either graded or marked Pass (Attended/Fulfilled). Grades for assessments are given on a scale of 1 to 6. The highest grade is 6, the lowest 1. Grades awarded in half-grade increments are the norm; quarter-grade increments are possible. An assessment receiving a grade of 4 or higher is deemed passed. ECTS credits are awarded if an assessment is marked Pass or given a grade of 4 or higher.

Regulations: <http://www.vet.uzh.ch/en/studium/vetmed/Studienreglement.html>

**Organization:**



Program Structure: The Master's program lasts 2.5 years and is modular in structure. In the first year students acquire clinical knowledge and complete a program of lectures and practical training in the area of their individually chosen concentration. The following concentrations are offered: (1) Biomedical research, (2) Small animals, (3) Farm animals, (4) Pathobiology, (5) Horses, (6) Veterinary Public Health (VPH). Work begins on the Master's thesis. The following three terms involve rotation between clinics, departments and institutes and external internships. During this time students complete their Master's thesis.

Part-Time Studies: Part-time studies are the exception

Organization: Vetsuisse Faculty

Academic Advisor: <http://www.vet.uzh.ch/de/studium/beratung/studienfachberatung.html>

Responsible Instructor: Thomas Lutz

Coordination: Thomas Lutz

**Part of:**

Master of Veterinary Medicine 2021



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Astronomy and Astrobiology

### Description:

#### General description:

This minor study program in Astronomy and Astrobiology (60 ECTS credits) provides students with a broad education on the fascinating topics of our universe and the life it contains. Astrobiology is the interdisciplinary study of the origin and nature of life on earth and possible life 'out there'&apo minor study program has no pre-requisites and is open to any student of the University. Students take the introductory core courses in Astronomy/ Astrophysics and Astrobiology. The remaining ECTS credits can be obtained from a wide selection of lecture courses and practicums from biology, chemistry, geophysics and astronomy.

:

Graduates from the minor study program in Astronomy and Astrobiology have gained insight into the formation of planets, stars and life, as well as the evolution of the universe. In addition, they have received an introduction to biological processes, Geoscience or Physical Geography, depending on their selected concentration. In completing this minor study program, students majoring at other faculties will have gained insight into the diversity and methods of the Natural Sciences.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: A minor study program in Astronomy and Astrobiology can be combined with a major study program of the UZH.

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

Responsible Instructor: Benjamin Moore

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Veranstaltungen Privatdozierende

**Description:**

**Requirements:**

**Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor:

Coordination:

**Part of:**

Veranstaltungen Privatdozierender THF ausserhalb von Studienprogrammen, nicht anrechenbar an UZH-Studienabschlüsse



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Computational Linguistics and Language Technology

### Description:

#### General description:

The study program in Computational Linguistics and Language Technology imparts a knowledge of the theory and practice of the automatic computer processing of language in both its spoken and - above all - its written forms. Those completing it are able to analyze issues related to computational linguistics, create language technology programs in line with best IT practice, and empirically evaluate them using annotated data. They have mastered at least one programming language, and are familiar with the application of machine learning, including neuronal technologies. Besides being well versed in the procedures of language technology, they have acquired an in-depth knowledge of a wide variety of topics such as machine translation, text mining, the semantic web, and parsing. In addition to teaching applied practical skills, the study program also gives an insight into the fundamental theoretical approaches of computational linguistics and language technology.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Es bieten sich vier Hauptberufsfelder an: (1) Softwareentwicklung im Bereich Sprachtechnologie (IT-Firmen): Im Tätigkeitsfeld Softwareentwicklung plant und entwickelt man sprachtechnologische Software.

Aufgabenschwerpunkte bestehen darin, die Anforderungen zu analysieren, IT-Lösungen zu entwickeln und Systeme zu programmieren. Die konkreten Aufgaben hängen dabei vom jeweiligen Anwendungsgebiet ab.

(2) Datenanalyse und Datenerhebung (Industrie allgemein, Medienunternehmen, IT-Firmen, Verwaltungen, Behörden, Bibliotheken): Im Tätigkeitsfeld Datenerhebung und -analyse sammelt, produziert und/oder annotiert man Sprachdaten und klassifiziert, aggregiert und analysiert sie. Weitere Aufgabenschwerpunkte bestehen darin, Daten zu verwalten oder für unterschiedliche Verwendungen aufzubereiten und zu konvertieren. Im Bereich Sprachtechnologie geht es vor allem um automatische Analyse von Medienberichten, automatische Sentimentanalyse (z.B. für Markt- und Meinungsforschung) und Semantikanalyse. Auch Frage-Antwort-Systeme und automatische Klassifizierung von Dokumenten und Kurztexten (z.B. Emails, Kundenanfragen etc.) sind Anwendungen der Sprachtechnologie.

(3) Terminologie und Übersetzung, Dokumentenmanagement (Firmen): Viele internationale Firmen, bzw. Firmen, die für den internationalen Markt produzieren, haben eigene Terminologie- und Übersetzungsabteilungen, in denen Computerlinguisten/-linguistinnen für die Implementation und den Ausbau bestehender Softwarelösungen zuständig sind. Dazu gehören neben der Pflege und Erweiterung bestehender Sprachressourcen auch das Trainieren von Übersetzungsverfahren anhand von neuem, ggfs. eigens dafür geschaffenem, multilingualem Sprachmaterial (Korpora). Auch die Evaluation von neuer Software und die Qualitätskontrolle und Optimierung existierender Lösungen gehören zu den Aufgaben.

(4) Consulting im Bereich Sprachtechnologie: Die Hauptaufgabe im Tätigkeitsfeld Consulting besteht darin, Lösungen für sprachtechnologische Fragestellungen eines Unternehmens oder einer Behörde zu finden. Dabei muss der Bedarf des Unternehmens analysiert und Sprachtechnologie-Methoden und -Tools evaluiert werden, um optimale Lösungen für die Fragestellung vorzuschlagen und deren Implementierung zu begleiten. Consulting kann dabei auch die Schulung und Weiterbildung von Anwendern im Betrieb oder in der Behörde beinhalten. Die Aufgabe besteht dann darin, computerlinguistisches Grundwissen in geeigneter didaktischer Form aufzubereiten und zu vermitteln. Entscheidungsprozesse für die Entwicklung und den Einsatz sprachtechnologischer Produkte sind in bestimmten Fällen nicht nur mit kommerziellen, sondern auch mit ethischen Fragestellungen verknüpft. Consulting umfasst dann als Aufgabe auch die Sensibilisierung für gesellschaftliche Chancen, aber auch der Risiken beim Einsatz von Sprachtechnologie.

### Requirements:

Branch of Study: Informatics, Linguistics



Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

**Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Computational Linguistics

Academic Advisor: [study@cl.uzh.ch](mailto:study@cl.uzh.ch)

Responsible Instructor: Rico Sennrich

Coordination: Jeannette Roth

**Part of:**

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 History

### Description:

#### General description:

The Bachelor's study program in History imparts a basic knowledge from antiquity to the present day and provides an introduction to the relevant theories and methods of research in the discipline. It teaches students to rapidly grasp and work on problems, and formulate and research their own questions about the past. It equips them to deal systematically and analytically with diverse information and evaluations and to communicate complex content appropriately in oral and written form. Those graduating from the program are generalists whose repertoire includes communications skills, and know-how in conducting projects and analyzing complex situations.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm berechtigt zur Aufnahme des Studiums «Lehrdiplom für Maturitätsschulen» im Unterrichtsfach Geschichte (erstes Unterrichtsfach) qualifiziert für ein breites Feld beruflicher Tätigkeiten. Historikerinnen und Historiker arbeiten häufig im Kulturbereich, namentlich im Archiv- und Museumswesen, in Bibliotheken, Dokumentationsstellen und Verlagen. Andere Tätigkeitsbereiche sind Journalismus und Medienarbeit im weiteren Sinn. Darüber hinaus eröffnet der Bachelorabschluss berufliche Perspektiven in der öffentlichen Verwaltung, bei Verbänden und Parteien oder in der Privatwirtschaft.

### Requirements:

Branch of Study: History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of History

Academic Advisor: studienberatung@hist.uzh.ch

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Educational Science

### Description:

#### General description:

Educational Science examines questions and problems related to upbringing, education, learning, assistance, and socialization. Those completing the major in Educational Science are familiar with the basic terminology, sub-disciplines, theories, and history of educational science, and have a comprehensive fundamental knowledge in select thematic areas within the discipline, as well as expertise in qualitative, quantitative, historical, and textual analysis methods and procedures. Those completing the major are equipped to work in educational research, in the public and private education and social sectors, and in educational and social policy.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im Major-Studienprogramm «Erziehungswissenschaft» auf Bachelorstufe befähigt zu Tätigkeiten in der erziehungswissenschaftlichen Forschung sowie im öffentlichen wie privaten Bildungs- und Sozialwesen. Weitere Berufsfelder sind Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit sowie Bildungs- und Sozialpolitik.

### Requirements:

Branch of Study: Education Studies, Special Education

Regulations: <http://www.phil.uzh.ch/studium/rechtsgrundlagen.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Comparative Linguistics

### Description:

#### General description:

Those completing the program have acquired fundamental specialist knowledge in all areas of linguistics, and have mastered the analytical skills of the discipline. They have a fundamental knowledge of linguistic theories and methods, especially in relation to comparative language research. They have a command of digital data editing and management, and know the basics of qualitative and quantitative data analytics. They are familiar with the practice of scientific work, presentation, and publication, have an in-depth knowledge of their elective subjects, and have built an appropriate portfolio of languages.

Main Language of Instruction: German

#### Career Prospects:

Wie viele andere universitäre Studienprogramme führt das Studium der Vergleichenden Sprachwissenschaft nicht zu einem bestimmten Beruf. Eines der wichtigsten späteren Tätigkeitsfelder ist die Forschung, die je nach Profil ganz unterschiedlich aussehen kann. Interesse an Sprache(n), Freude an Analyse und selbständiges Arbeiten sind aber in jedem Fall wichtige Komponenten.

Ausserhalb der Universität ist es dank des interdisziplinären Charakters des Studienprogramms möglich, in viele Bereiche einzusteigen, insbesondere aber in einen der vielen Berufe, die mit Sprache, Text und Kommunikation zu tun haben, wie z. B. Lektorat, PR-Beratung, Übersetzung oder Sprachlehre. Je nach Interesse können die Kenntnisse von nicht-europäischen Sprachen, die während des Studiums erworben werden, sowie die zusätzlichen Qualifikationen aus den Nebenfächern auch als Grundlage dienen, in anderen Feldern wie Entwicklungszusammenarbeit oder Computerlinguistik tätig zu werden.

### Requirements:

Branch of Study: Linguistics

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Comparative Language Science

Academic Advisor: [studyadvisor@ivs.uzh.ch](mailto:studyadvisor@ivs.uzh.ch)

Responsible Instructor: Paul Widmer

Coordination: Lena Dorothea Elisabeth Zipp

### Part of:

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Ibero-Romance Literatures and Linguistics

### Description:

#### General description:

Those who complete the program have acquired a basic knowledge of the following aspects of Spanish and, optionally, also Portuguese, with the goal of independently setting their own areas of research focus at Master's level: history of Ibero-Romance literatures from the Middle Ages to the present day (including Latin America) and of literary genres, narratology, meter, rhetoric, and textual analysis; construction, usage, and history of language, methods of synchronic and diachronic Ibero-Romance linguistics, including methods of corpus linguistics. Those completing the course have Spanish communication skills to at least C1 level, plus a basic knowledge of at least one contact language of Spanish. They can produce bibliographies, are familiar with the relevant handbooks, take a critical approach to secondary literature, and have technical skills in the communication of knowledge. Optionally they will have made initial contacts with the academic community.

Main Language of Instruction: Spanish

Further Languages of Instruction: Portuguese

#### Career Prospects:

Die Absolventinnen und Absolventen des Studienprogramms «Iberoromanische Sprach- und Literaturwissenschaft» beherrschen die spanische (und fakulta auch die portugiesische) Sprache und sind Experten im Bereich Kommunikation und interkulturelle Vermittlung. Sie haben gelernt, Texte und komplexe sprachliche Strukturen zu analysieren und verfügen über Methodenkenntnisse, die auf zahlreiche Fragestellungen übertragbar sind. Damit eröffnet sich ihnen eine Vielzahl beruflicher Perspektiven: in der Vermittlung der spanischen Sprache an Gymnasien (nach entsprechendem vertiefenden Studium auf Masterebene), in der Erwachsenenbildung und im privaten Bildungssektor; im Kulturwesen (Museen, Kulturinstitutionen, Literaturhäuser, internationale Organisationen); in Bibliotheken, Mediatheken und Archiven; im Bereich Sprachtechnologie; in den Medien (Presse, Radio, Fernsehen, Online-Portale); in internationalen Organisationen; sowie in der Privatwirtschaft bei international tätigen Unternehmen.

### Requirements:

Branch of Study: Ibero-Romance Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: theres.kuratli@uzh.ch



**Universität  
Zürich<sup>UZH</sup>**

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

**Part of:**

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Literary Studies

### Description:

#### General description:

Those who have completed the Literary Studies study program are equipped to engage in depth with current research issues in all literatures taught at the University of Zurich. They focus on developing their own research profile in the literature of a specific language or across languages. The program gives research-relevant, contemporary but practical insights into the aesthetic and epistemological potential of literature. It places particular emphasis on research in intermediality and literature as a form of cultural analysis and history of knowledge. Those who complete the program are able to conduct research projects autonomously and write scholarly texts of a variety of genres.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Die literaturwissenschaftlich fundierte Ausbildung ermöglicht es, selbständig oder im Verbund zu forschen (wissenschaftliche Mitarbeit, Doktorat). Weitere Perspektiven ergeben sich im Bereich der Medien (Recherche, Journalismus) sowie der Übersetzungspraxis, in der Verwaltung (Projektleitung, Wissensmanagement), im Kulturbetrieb oder im Bereich der Bildung (Lehrdiplom in einem Schulfach bei entsprechender Bachelor-Vorbildung und erfüllten Mindestanforderungen im Master).

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Mehr Informationen über die Zulassungsbedingungen und das Bewerbungsverfahren finden Sie auf den Literary Studies / Literaturwissenschaft-Seiten

<https://www.literaturwissenschaft.uzh.ch/de/bewerbung.html>

<https://t.uzh.ch/1vj>

Branch of Study: German Language and Literature, English Language and Literature, French Language and Literature, Ibero-Romance Languages and Literatures, South Asian Studies, Italian Language and Literature, Classical Philology, Communication and Media Studies, Art History, Modern Greek Language and Literature, Musicology, Nordic Languages and Literatures, Islamic and Middle Eastern Studies, East Asian Studies, Philosophy, Rhaeto-Romanic Languages and Literatures, Study of Religions, Slavonic Languages and Literatures, Social and Cultural Anthropology, Theatre, dance and film studies, Theology, Comparative Literature, Central Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).



Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: [programmkoordination.litmono@rom.uzh.ch](mailto:programmkoordination.litmono@rom.uzh.ch)

Responsible Instructor: Thomas Klinkert

Coordination: Stéphane Boutin

**Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Cultural Studies

### Description:

#### General description:

Cultural Studies examines culture in daily life, including the literatures and media present in people's everyday lives. An interdisciplinary subject at interface of the humanities and social sciences, cultural studies draws on their theories and works primarily with qualitative methods. The study program equips students for differentiated work in cultural, literary, and media analysis. It helps create a deeper understanding of cultural and social phenomena, and promotes culture mediation and knowledge transfer skills. Those completing the program demonstrate the ability to work on a research-oriented, theoretically and empirically founded, practical basis. They can design and realize projects independently, and translate and communicate the findings of cultural studies.

Main Language of Instruction: German

#### Career Prospects:

Das Studienprogramm «Empirische Kulturwissenschaft» qualifiziert br kulturelle Expertise in Wissenschaft und Praxis. Mögliche Arbeitsfelder sind: Medien, Verlagswesen, Kultur- und Projektmanagement, Öffentlichkeitsarbeit, Museum und Ausstellungspraxis, Bildungs- und Vermittlungsarbeit, Markt- und Trendforschung, Sozialberatung, Betriebskultur, Stadt- und Siedlungsplanung, Tourismus. Der Masterabschluss ist Voraussetzung für ein Doktoratsstudium sowie eine weiterführende akademische Karriere.

### Requirements:

Branch of Study: German Language and Literature, English Language and Literature, French Language and Literature, History, Ibero-Romance Languages and Literatures, Italian Language and Literature, Communication and Media Studies, Nordic Languages and Literatures, Rhaeto-Romanic Languages and Literatures, Slavonic Languages and Literatures, Social and Cultural Anthropology, Sociology, Theatre, dance and film studies, Comparative Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Social Anthropology and Cultural Studies

Academic Advisor: pk-master@isek.uzh.ch

Responsible Instructor: Moritz Peter Ege

Coordination: Mischa Elias Gallati Zimmermann

### Part of:





**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Philosophy

### Description:

#### General description:

Philosophy is concerned with the fundamental questions of human existence. By considering human beings as sentient, thinking, and cognizant beings and as social, political, and acting subjects, philosophy reflects on the fundamentals and conditions not only of science, the mind, and language, but of society and culture. Besides a knowledge of the history of philosophy (from antiquity and the Middle Ages to the early modern period and the 19th and 20th centuries), the study covers key concepts, problems, and theories from various areas of contemporary philosophy (logic and the philosophy of science, metaphysics, cognitive theory, the philosophy of language, philosophy of mind, general and applied ethics, political philosophy, and aesthetics).

Main Language of Instruction: German

#### Career Prospects:

Die Studierenden der Philosophie erwerben Fähigkeiten, die sie in zahlreichen Berufsfeldern einbringen können. Zu den im Studium erworbenen Kompetenzen gehören eine hohe Analyse- und Reflexionskompetenz, ein ausgeprägtes methodologisches Bewusstsein, ausgebildete sprachliche, kommunikative, hermeneutische und argumentative Fähigkeiten sowie die Fähigkeit und Bereitschaft, Gegebenes kritisch zu hinterfragen. Absolventinnen und Absolventen der Philosophie findet man entsprechend in den verschiedensten Bereichen: an Gymnasien und Universitäten, in der Kultur und der Politik, zum Beispiel als Kulturmanager oder Diplomatinen. Sie sitzen in Ethikkommissionen ein, beraten Unternehmen und Parteien, sie engagieren sich in NGOs, arbeiten als Medienschaffende, als Lektoren in Verlagen oder als Analystinnen in Banken und Versicherungen. Wer an philosophischer Forschung interessiert ist, kann nach erfolgreich absolviertem Masterstudium in Philosophie ein Dissertationsprojekt verfolgen und eine akademische Laufbahn einschlagen. Eine begrenzte Anzahl von Assistenzstellen ist mit der Möglichkeit einer Promotion verbunden. Dissertationsprojekte werden auch durch den Forschungskredit der UZH und den Schweizerischen Nationalfonds (SNF) gefördert. Zusätzlich besteht die Möglichkeit, eine Promotion im Rahmen grösserer Forschungsprojekte durchzuführen.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeiteinher.

Organization: Department of Philosophy

Academic Advisor: studienberatung@philos.uzh.ch

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert



**Universität  
Zürich<sup>UZH</sup>**

**Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Philosophy

### Description:

#### General description:

Philosophy is concerned with the fundamental questions of human existence. By considering human beings as sentient, thinking, and cognizant beings and as social, political, and acting subjects, philosophy reflects on the fundamentals and conditions not only of science, the mind, and language, but of society and culture. Besides a knowledge of the history of philosophy (from antiquity and the Middle Ages to the early modern period and the 19th and 20th centuries), the study covers key concepts, problems, and theories from various areas of contemporary philosophy (logic and the philosophy of science, metaphysics, cognitive theory, the philosophy of language, philosophy of mind, general and applied ethics, political philosophy, and aesthetics).

Main Language of Instruction: German

#### Career Prospects:

Die Studierenden der Philosophie erwerben Fähigkeiten, die sie in zahlreichen Berufsfeldern einbringen können. Zu den im Studium erworbenen Kompetenzen gehören eine hohe Analyse- und Reflexionskompetenz, ein ausgeprägtes methodologisches Bewusstsein, ausgebildete sprachliche, kommunikative, hermeneutische und argumentative Fähigkeiten sowie die Fähigkeit und Bereitschaft, Gegebenes kritisch zu hinterfragen. Absolventinnen und Absolventen der Philosophie findet man entsprechend in den verschiedensten Bereichen: an Gymnasien und Universitäten, in der Kultur und der Politik, zum Beispiel als Kulturmanager oder Diplomatinen. Sie sitzen in Ethikkommissionen ein, beraten Unternehmen und Parteien, sie engagieren sich in NGOs, arbeiten als Medienschaffende, als Lektoren in Verlagen oder als Analystinnen in Banken und Versicherungen. Wer an philosophischer Forschung interessiert ist, kann nach erfolgreich absolviertem Masterstudium in Philosophie ein Dissertationsprojekt verfolgen und eine akademische Laufbahn einschlagen. Eine begrenzte Anzahl von Assistenzstellen ist mit der Möglichkeit einer Promotion verbunden. Dissertationsprojekte werden auch durch den Forschungskredit der UZH und den Schweizerischen Nationalfonds (SNF) gefördert. Zusätzlich besteht die Möglichkeit, eine Promotion im Rahmen grösserer Forschungsprojekte durchzuführen.

### Requirements:

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Philosophy

Academic Advisor: studienberatung@philos.uzh.ch

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert



**Universität  
Zürich<sup>UZH</sup>**

**Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 English Literature/Linguistics

### **Description:**

#### General description:

The Master's major study program in English Literature and Linguistics expands on the Bachelor's study program. Those completing this program are able to critically assess and respond to academic findings in the field. It expands on and supplements qualifications in the fields dealt with in the Bachelor's program, prepares students for a career in the field of English studies at a high level and forms the subject-specific basis for the Teaching Diploma for Upper Secondary Education.

Main Language of Instruction: English

#### Career Prospects:

The Master's study programs in English Literature and/or Linguistics prepare students for later employment in a range of areas, particularly teaching and education, editing, journalism, PR, advertising, marketing, film, translation, administration, and diplomacy. Moreover, graduates with a strong academic record will have the option of pursuing a PhD and thus laying the basis for a possible career in higher education.

### **Requirements:**

Branch of Study: English Language and Literature, Linguistics, Comparative Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: English Department

Academic Advisor: englishstudies@es.uzh.ch

Responsible Instructor: Barbara Straumann

Coordination: Olivia Melanie Tjon-A-Meeuw

### **Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Slavonic Literatures/Linguistics

### Description:

#### General description:

The major in Slavic Linguistics/Literature imparts detailed, in-depth linguistic and literary knowledge against the backdrop of current research.

Students deepen their ability to do independent scholarly work, and acquire the skills to receive theoretical texts in the foreign language and write forms of academic texts. They also acquire more in-depth language skills, with the option of adding a second Slavic language. By actively taking part in Slavic research and teaching, interested students can gain their first experience in academic practice.

Main Language of Instruction: German

#### Career Prospects:

Aus dem Master «Slavische Sprachwissenschaft/Literaturwissenschaft» Literatur- oder Sprachwissenschaftlerinnen und Sprachwissenschaftler mit Fokus auf den slavischen Kulturkreis hervor, die sich durch ihren geschulten analytischen Umgang mit Sprachen, Texten und interkulturellen Phänomenen auszeichnen. Absolventinnen und Absolventen sind dadurch zu einem unmittelbaren Einblick in die geschichtlichen und aktuellen Diskurse dieser Region befähigt.

Die erworbenen Fähigkeiten ermöglichen die Arbeit in zahlreichen Tätigkeitsfeldern in den Bereichen Kulturmanagement, Medien und Verlage, Presse- und Öffentlichkeitsarbeit, in Verbänden und Stiftungen, in internationalen Institutionen, in der akademischen Laufbahn sowie in Journalismus, Werbung und Tourismus. Begleitend kann das Lehrdiplom für Maturitätsschulen im Unterrichtsfach Russisch erworben werden.

### Requirements:

Branch of Study: Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Slavonic Languages and Literatures

Academic Advisor: studienberatung@slav.uzh.ch

Responsible Instructor: Sylvia Sasse

Coordination: Gianna Maria Giulia Frölicher

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Musicology

### Description:

#### General description:

Musicology examines music from a variety of perspectives to understand it in its historical, aesthetic, and cultural contexts. Those completing the major have acquired the ability to do independent scholarly work, academic research, and analysis. They have a comprehensive knowledge of music history, a broad knowledge of the repertoire, and the ability to understand subjects of scholarly research from both a cultural studies and interdisciplinary perspective. They have advanced skills equipping them to address and present subject matter related to music on a scholarly basis.

Main Language of Instruction: German

#### Career Prospects:

Das Master Major-Studienprogramm «Musikwissenschaft» qualifiziert q für anspruchsvolle und verantwortliche Tätigkeiten in den Bereichen Medien (Presse, Musikverlage, Radio, Fernsehen) sowie Kultur und Kulturmanagement (Dramaturgie, Orchester-, Theater- oder Festspielmanagement). Ausserdem sind Absolventinnen und Absolventen für die Arbeit an einer wissenschaftlichen Institution ausgebildet (Universität, Musikhochschule, wissenschaftliche Bibliothek, freie Forschungsinstitute) und können ein Promotionsstudium aufnehmen. Das Institut bietet regelmässig berufspraktische Veranstaltungen an und hilft bei der Vermittlung von Praktika.

### Requirements:

Branch of Study: Musicology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Musicology

Academic Advisor: studienberatung@mwi.uzh.ch

Responsible Instructor: Inga Mai Groote

Coordination: Esma Cerkovnik

### Part of:

Master of Arts (RVO19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Film Studies

### **Description:**

#### General description:

The Film Studies major places film in the historical and current context of the arts and media of the 20th and 21st centuries. It imparts a deeper knowledge of the history, theory, aesthetics, and technology of film and the cinema. It places special emphasis on extending students' ability to link audiovisual artifacts with other media and arts, and to embed them in a broader discursive setting on an interdisciplinary basis. By equipping students to do their own methodologically reflective research and engage on an historical-critical basis with the subject at the interface with practice, the study program qualifies them for an academic career, but equally for demanding work in film culture, the film business, or film policy.

Main Language of Instruction: German

### **Requirements:**

Branch of Study: Theatre, dance and film studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Film Studies

Academic Advisor: jsahli@fiwi.uzh.ch

Responsible Instructor: Daniel Johannes Wiegand

Coordination: Matthias Brütsch

### **Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Political Science

### Description:

#### General description:

Political science deals with political decisionmaking processes and social dynamics, and the underlying structures of power and domination. The Political Science study program prepares students to systematically examine current questions and problems. It is highly research-oriented and includes intensive methodological training. In their Master's thesis candidates demonstrate t ability to independently work on complex social science issues while soundly applying their methodological skills, to present and communicate appropriately, and actively participate in the academic community. The degree prepares students for a further career in science as well as for work in the broader environment of public administrations, federal authorities, consulting, the media, the private sector, and international organizations. Candidates can specialize in a concentration of their choice.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Political Science

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Political Science

Academic Advisor: studhelp@ipz.uzh.ch

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

### Part of:

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Political Science

### Description:

#### General description:

Political science deals with political decisionmaking processes and social dynamics, and the underlying structures of power and domination. The major in Political Studies prepares students to systematically examine current questions and problems. It is highly research-oriented and includes intensive methodological training. In their Master's thesis candidates demonstrate t ability to independently work on complex social science issues while soundly applying their methodological skills, to present and communicate appropriately, and actively participate in the academic community. The degree prepares students for a further career in science as well as for work in the broader environment of public administrations, federal authorities, consulting, the media, the private sector, and international organizations. Candidates can specialize in a concentration of their choice.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Political Science

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Political Science

Academic Advisor: studhelp@ipz.uzh.ch

Responsible Instructor: Marco Steenbergen

Coordination: Hanno Degner

### Part of:

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Gender Studies

### Description:

#### General description:

Gender Studies encompasses women's, men's and gender studies, plus qu theory. It looks into the significance of gender and gender difference on an historically-founded, comparative cultural, and theoretically reflective basis, inquiring into the relationship between biological, physiological, psychological, and sociocultural differentiation on the one hand and processes involved in the social construction of gender and the renegotiation of gender boundaries on the other. At UZH the areas of thematic focus are literature and culture, non-European societies, transregional and postcolonial studies. A knowledge of gender and critical reflection on gender and gender relations are key to an understanding of increasingly complex societies. Those completing the program have a solid technical grounding in the discipline equipping them to do independent academic work in the field of gender research.

Main Language of Instruction: German

#### Career Prospects:

Innerhalb von Forschung und Wissenschaft eröffnen Gender Studies innovative Forschungsperspektiven und Tätigkeitsfelder. Darüber hinaus sind die im Studium vermittelten Fachkompetenzen in zahlreichen Praxis-Bereichen einsetzbar: in öffentlichen und politischen Organisationen, in Unternehmen und Bildungseinrichtungen, in Nicht-Regierungs-Organisationen, Medien- und Kulturinstitutionen, Gleichstellungs-, Beratungs-, Sozial- und Gesundheitsdiensten.

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: genderstudies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: Bettina Dennerlein

Coordination: Helena Rust

### Part of:

Master of Arts (RVO19)



**Universität  
Zürich<sup>UZH</sup>**



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Indian Studies

### Description:

#### General description:

Those completing the major in Indian Studies have acquired an in-depth knowledge of the language, culture and society of the Indian subcontinent, one of the key regions of Asia, qualifying them to embark on an academic career or work in an internationally oriented professional field with a South Asian connection. Thanks to broader thematic, linguistic, and methodological skills and the ability to deal reflectively with various research approaches and handle intercultural problems, they are able to independently analyze complex cultural and intellectual, sociopolitical processes in South Asia, autonomously work with original sources, use social scientific methods to gather data for analysis on a sound methodological and theoretical basis, and develop their own research topics. They are able to present and argue their findings in a structured manner.

Main Language of Instruction: German

#### Career Prospects:

Das Spektrum beruflicher Anwendungsgebiete ist aufgrund der erworbenen fachlichen und überfachlichen Kompetenzen breit und nicht auf den Kulturraum Südasien beschränkt. Es reicht von Aufgaben in Wissenschaft und Forschung über Tätigkeiten in Unternehmen, Organisationen und Behörden bis hin zu Aufgabenbereichen im Migrations- und Integrationsbereich, in Kultur und Bildung, im Tourismus, Journalismus oder in der Erwachsenenbildung.

### Requirements:

Branch of Study: Geography, South Asian Studies, Linguistics, Political Science, Study of Religions, Social and Cultural Anthropology, Sociology, Comparative Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: ind.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Japanese Studies

### Description:

#### General description:

The major in Japanese Studies provides the theoretical and methodological basis to engage with questions related to Japan from a cultural and social science perspective. Students gain a broader knowledge of modern, academic-level Japanese, and have the opportunity to gain a deeper knowledge of historical styles of speaking and writing. Beyond this they address selected questions of research into Japan, drawing on the relevant original language sources and data in conjunction with Japanese and Western research literature. In their final thesis, candidates demonstrate their ability to identify academically relevant issues and critically reflect on the latest research with reference to appropriate sources and data. The major can be either generic, with a focus on general Japanese studies, or with a specific focus on Japanese philology or the social-scientific analysis of Japan.

Main Language of Instruction: German

#### Career Prospects:

Ein Master in Japanologie eröffnet berufliche Möglichkeiten in vielen Tätigkeitsfeldern. Den Beruf des «Japanologen» oder der «Japa an sich nicht, doch die im Studium erworbene Kernkompetenz - Japan methodisch fundiert analysieren und verstehen - kann in unterschiedlichsten Berufsfeldern eingesetzt werden. Absolventinnen und Absolventen werden tätig in der Diplomatie und Verwaltung, im Journalismus, im Kulturaustausch, als spezialisierte Übersetzer, in der Privatwirtschaft oder streben eine wissenschaftliche Karriere an. Studierende beim Übergang ins Berufsleben aktiv zu unterstützen ist ein besonderes Anliegen der Zürcher Japanologie.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [jap.studies@aoi.uzh.ch](mailto:jap.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Modern Asian and Middle Eastern Studies

### Description:

#### General description:

The major in Modern Asian and Middle Eastern Studies introduces the social, cultural, and political dynamics of modernization and globalization processes across Asia and the Middle East from a comparative and historical perspective. It combines methods from the cultural and social sciences, and introduces various theoretical approaches. Those completing the program have acquired foundational knowledge of colonial and postcolonial transformations and of the differences and commonalities between the regions. They have obtained an overview of the history and structural parameters of modernization processes in Asia and the Middle East. The study program enables them to understand the main theoretical debates and connect them to concrete and relevant research questions.

Main Language of Instruction: English

Further Languages of Instruction: German

#### Career Prospects:

The «MAMES» offers not only new understanding of the world and, when you fit for are career in any field that has to do with Asia and the Middle East and beyond in this globalized world. The acquired core competencies and skills to critically analyze and understand the modern world and its contradictory development from non-Western perspectives can be applied in a large field of jobs from diplomacy to international organizations, from journalism to international business, and from cultural exchange to scientific research.

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: eas.studentadmin@aoi.uzh.ch

Responsible Instructor: Angelika Malinar

Coordination: Kathrin Ensinger





**Universität  
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**Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Sinology

### Description:

#### General description:

The major in Sinology broadens and deepens the knowledge and skills acquired at Bachelor's level. It is an opportunity to specialize in selected fields such as the literature, culture, language, or history of China, and equips candidates to do their own independent scholarly work. Those graduating from the program have demonstrated a mastery of spoken and written Chinese, the ability to work skilfully with primary sources in modern and classical Chinese, a knowledge of Chinese and international research in selected areas in the relevant academic languages, expertise in critically contextualizing information in relation to China, and general skills in addressing, presenting, and communicating complex issues in German, Chinese, and English. Thanks to the personal and social skills in relation to China acquired during the program, those completing the program are outstanding in terms of their ability to navigate one of Asia's largest cultural and economic regions.

Main Language of Instruction: German

#### Career Prospects:

Studierende des Majors «Sinologie» erwerben eine Vielzahl von fachlichen, sprachlichen, sozialen und persönlichen Kompetenzen, die eine ausgezeichnete Orientierung im grössten Kultur- und Wirtschaftsraum Ostasiens erlauben. Die vermittelten Kenntnisse befähigen zu einer wissenschaftlichen Qualifikation im Rahmen eines Doktorats, und sie sind unverzichtbar für eine nachhaltige und erfolgreiche chinabezogene Arbeit in vielen nicht-akademischen Berufsfeldern wie etwa politische Beratung, Verlagswesen und Journalismus, Diplomatie und Verwaltung, Bibliotheks- und Stiftungswesen, Tourismus, Wirtschaft, Kulturvermittlung und Übersetzung.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: sin.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 French Literature/Linguistics

### Description:

#### General description:

Those completing the program have in-depth knowledge in the field of French linguistics and literature, with the option of building a profile. On the language and linguistics side they understand the history of the French language and its linguistic variations in the Gallo-Romanic context, and the grammar and lexis of present-day French, also in contrast to German. On the literature side they are familiar with French literary and genre history in all its breadth, and with methods of textual analysis and important literary theories. In both fields they have acquired skills in academic research and communication, and C2-level language skills. The skills they acquire pave the way for working in a wide range of professional fields, for example a Teaching Diploma for Upper Secondary Education, for a career in arts and culture mediation, or for a doctorate.

Main Language of Instruction: French

#### Career Prospects:

Le Master en langue et littérature française donne accès à des emplois qui supposent des connaissances approfondies en linguistique et littérature françaises et, de manière générale, du monde francophone. Outre les domaines mentionnés au Bachelor, il ouvre la voie à l'enseignement du français dans gymnases, à la recherche scientifique universitaire ainsi qu'à des emplois des organisations gouvernementales ou non, dans des entreprises internationales, au sein de la diplomatie et en traductologie. Selon la spécialisation choisie s'ouvrent d'autres perspectives professionnell cadre plurilingue, par exemple, grâce à une spécialisation en linguistique, dans le domaine informatique ou dans des entreprises de traitement commercial de l'information et de la langue. Le diplôme de Master est nécessaire au diplôme d'enseignement dans les gymnases (avec le français comme première matière enseignée) ainsi qu'à la poursuite d'une carrière académique l'université ou dans le cadre d'une autre institution de recherche en à l'étranger. Il permet notamment de préparer un doctorat.

### Requirements:

Branch of Study: French Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Sandro Zanetti

Coordination: Christian Seidl

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Ibero-Romance Literatures/Linguistics

### Description:

#### General description:

The program gives the choice of gaining a deeper knowledge of the various literary and/or linguistic sub-areas of Spanish and, optionally, of Portuguese as well: history of literature and literary genres, theories and methods of textual analysis and cultural studies; history of language, linguistic structures, applying analysis of language various to historic and contemporary Ibero-Romance varieties, and collecting and analyzing linguistic data. Those completing the program are equipped to perform and communicate research on a largely independent basis, and have extended their contact with the academic community. They have improved their existing communication skills in Spanish to C2 level. The skills they acquire pave the way for a broad range of career choices, for example a doctorate or the Teaching Diploma for Upper Secondary Education.

Main Language of Spanish

Instruction:

Further Languages of Portuguese

Instruction:

#### Career Prospects:

Für die Absolventinnen und Absolventen des Major-Studienprogramms «Iberoromanische Sprachwissenschaft / Literaturwissenschaft» eröffnen Perspektiven in verschiedenen Berufsfeldern, in denen hervorragende Kenntnisse der spanischen (und fakultativ der portugiesischen) Sprache sowie analytische und kommunikative Kompetenzen gefragt sind. Insbesondere qualifiziert das Studienprogramm für Bereiche, in denen wissenschaftliche Kenntnisse iberoromanischer Sprachen erforderlich sind, z.B. Kulturvermittlung, Journalismus, Verlags- und Bibliothekswesen oder internationale Organisationen und Unternehmen. Er ist auch Voraussetzung für weiterführende akademische Qualifikationen (Promotion) und Voraussetzung für das Lehrdiplom für Maturitätsschulen mit erstem Unterrichtsfach Spanisch.

### Requirements:

Branch of Study: Ibero-Romance Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Romance Studies

Academic Advisor: [theres.kuratli@uzh.ch](mailto:theres.kuratli@uzh.ch)

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Ancient Studies

### Description:

#### General description:

The study program addresses the entire ancient world of the Mediterranean on a cross-disciplinary basis, from its beginnings in the orient via Greece and Rome to late antiquity, influenced by the emergence of Christianity. Those completing the program have consolidated scholarly know-how in three of the four areas of antiquity - literatures and their languages, material cultures, historical events and developments, religions and philosophical traditions. This knowledge equips them to create and work on individual projects and present them appropriately for the audience in question. In their Master's thesis they have shown that they can do independent scholarly work and complete a complex task to a deadline. In general they have consolidated the basic attitudes they endeavored to develop at Bachelor's level (such as intellec curiosity, intercultural competence, etc.), preparing them for a variety of careers and professions both inside and outside the university.

Main Language of Instruction: German

#### Career Prospects:

Ein Master-Abschluss in Altertumswissenschaften ist die Qualifikation für die Ausübung wissenschaftlicher Tätigkeit in Forschung und Lehre auf dem Gebiet der griechischen und lateinischen Antike. Mit dem Abschluss des Mono-Studienprogramms (inkl. Masterarbeit und mind. 45 ECTS Credits in Lateinischer Philologie) und entsprechender Bachelor-Vorbildung ist eine Zulassung zum Lehrdiplom für Maturitätsschulen möglich. Daneben qualifiziert der Abschluss für Tätigkeiten in den verschiedensten Bereichen, darunter im Bildungs- und Bibliothekswesen sowie im Kultursektor, in der öffentlichen Verwaltung und im Journalismus. Er eröffnet Zugänge zu Spezialausbildungen und Aufbaustudien, über die sich ein breites Feld weiterer beruflicher Tätigkeiten erschliesst.

### Requirements:

Branch of Study: Archaeology, History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Greek and Latin Philology

Academic Advisor: studienfachberatung@sglp.uzh.ch

Responsible Instructor: Andreas Victor Walser

Coordination: Fabian Zogg

### Part of:

Master of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Economic History

### Description:

#### General description:

Historians and economists use different models and terminologies to explain economic developments, and business and economic policy decisions. The interdisciplinary study program removes these barriers to understanding to build a productive relationship of cooperation between the two disciplines.

Economists learn about the significance of historical factors, while historians gain familiarity with the argumentation and research contexts of economics. The study program is cross-epochal, cross-faculty, and interdisciplinary. It combines quantitative and qualitative methods and brings different topics together.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm eröffnet ein breites Tätigkeitsfeld in Forschung und Lehre, Grossunternehmen und KMUs. Darüber hinaus qualifiziert es für Führungsfunktionen in Unternehmen, Stiftungen, Berufsverbänden und internationalen Organisationen, die ein breites Verständnis für das komplexe Zusammenwirken wirtschaftlicher und sozialer Faktoren voraussetzen.

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Branch of Study: Business Administration, History, Economics

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: [wirtschaftsgeschichte@hist.uzh.ch](mailto:wirtschaftsgeschichte@hist.uzh.ch)

Responsible Instructor: Matthieu Leimgruber

Coordination: Salome Egloff

### Part of:

Master of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 History of the Contemporary World

### Description:

#### General description:

The major in the History of the Contemporary World is an opportunity for students to engage with the historicity of social upheaval and present-day conflicts. It equips them to produce historical analyses of the modern or contemporary era, and enables them to familiarize themselves with the challenges of writing history in a digitalized, globalized world. The course offering features research-based seminars and cooperations with archives and museums, and imparts a knowledge of digital methods in historical scholarship.

The Master's program is research-based and interdisciplinary. It combines specific modules for students on the program with modules from the Department of History's general offering of courses covering the modern period.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Studienprogramm qualifiziert neben akademischer Forschung und Lehre im Feld der History of the Contemporary World/Zeitgeschichte sowie der Digital History vor allem für die Arbeit in Archiven, Gedächtnisinstitutionen, Medien- und Kultureinrichtungen, in internationalen Organisationen, NGOs, der öffentlichen Verwaltung sowie in Privatunternehmen, die ein Verständnis von gegenwärtigen gesellschaftlichen Umbrüchen und Konflikten voraussetzen.

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of History

Academic Advisor: [contemporary.world@hist.uzh.ch](mailto:contemporary.world@hist.uzh.ch)

Responsible Instructor: Martin Dusinberre

Coordination: Marietta Meier

### Part of:

Master of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Archaeologies

### Description:

#### General description:

The major in Archaeologies imparts a basic knowledge of the sources, material, and methods of prehistoric, classical, and medieval archaeology. The program examines the cultural development of human societies, primarily in Europe and the Mediterranean region, from their beginnings to the start of the modern era, on the basis of material remains. Students develop the ability to think along methodological and scientific lines and are introduced to practical work on digs, in museums, and in the lab.

Main Language of Instruction: German

#### Career Prospects:

Der Major «Archäologien» befähigt zum Masterstudium mit archäologischer Ausrichtung.

### Requirements:

Branch of Study: Archaeology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Archaeology

Academic Advisor: studienberatung@archaeologie.uzh.ch

Responsible Instructor: Corinna Simone Reinhardt

Coordination: Christina Eugenia Lolos

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Archaeological Culture Studies

### Description:

#### General description:

The Archaeological Culture Studies program imparts an in-depth knowledge of archaeological sources, material, and methods, and their integration in cultural historical discourses. The subject of the program is the cultural development of human societies, primarily in Europe, from their beginnings to the start of the modern era. The focus is on independent scholarly work, structured, analytical, and connected thinking, and critical engagement with sources, methods, and research findings. The study program qualifies students for a further academic career (doctorate), work in monument preservation, in museums, or the media (publishing, libraries, and archives), and the communication of knowledge in the field of culture (cultural authorities, education, or tourism).

Main Language of Instruction: German

#### Career Prospects:

Tätigkeitsfelder von Archäologen sind einerseits die Wissenserschließung - das Ausgraben, Erfassen, Auswerten und Interpretieren archäologischer Funde und historischer Stätten - und andererseits die Vermittlung kulturwissenschaftlicher Inhalte an Fachwelt und Öffentlichkeit. Das Mono-Studienprogramm «Archäologische Kulturwissenschaften» auf Mast befähigt zur wissenschaftlichen Weiterqualifikation (Doktorat), für Tätigkeiten in der Bodendenkmalpflege (Ämter der Kantonsarchäologien), an Forschungsinstitutionen, im Museum und in der Medienarbeit (Verlagswesen, Bibliotheken, Archive) sowie an Kulturbehörden, im Bildungswesen und im Tourismus.

### Requirements:

Branch of Study: Archaeology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Archaeology

Academic Advisor: studienberatung@archaeologie.uzh.ch

Responsible Instructor: Corinna Simone Reinhardt

Coordination: Christina Eugenia Lolos

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Archaeologies

### **Description:**

#### General description:

The major in Archaeologies imparts an in-depth knowledge of the sources, material, and methods of prehistoric, classical, and medieval archaeology. The program examines the cultural development of human societies, primarily in Europe and the Mediterranean region, from their beginnings to the start of the modern era, on the basis of material remains. The focus is on independent scholarly work, structured, analytical, and connected thinking, and critical engagement with sources, methods, and research findings. The major in Archaeologies qualifies students for a further academic career (doctorate), work in monument preservation, in museums, or the media (publishing, libraries, and archives), and the communication of knowledge in the field of culture (cultural authorities, education, or tourism).

Main Language of Instruction: German

#### Career Prospects:

Tätigkeitsfelder von Archäologen sind einerseits die Wissenserschliessung - das Ausgraben, Erfassen, Auswerten und Interpretieren archäologischer Funde und historischer Stätten - und andererseits die Vermittlung kulturwissenschaftlicher Inhalte an Fachwelt und Öffentlichkeit. Das Major-Studienprogramm «Archäologien» auf Masterstufe befähigt zur wissenschaftlichen Weiterqualifikation (Doktorat), für Tätigkeiten in der Bodendenkmalpflege (Ämter der Kantonsarchäologien), an Forschungsinstitutionen, im Museum und in der Medienarbeit (Verlagswesen, Bibliotheken, Archive) sowie an Kulturbehörden, im Bildungswesen und im Tourismus.

### **Requirements:**

Branch of Study: Archaeology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Archaeology

Academic Advisor: studienberatung@archaeologie.uzh.ch

Responsible Instructor: Corinna Simone Reinhardt

Coordination: Christina Eugenia Lolos

### **Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Communication Science and Media Research

### **Description:**

#### General description:

The major program in Communication and Media Research gives candidates basic specialist knowledge, a familiarity with the research findings, and more in-depth empirical-methodological qualifications in the social sciences. The theoretical, methodological, communicative, and organizational skills acquired by those completing the program qualify them for applied and operational work in various areas of modern communications, including applied media, communications, market and opinion research; media (content) production; evaluation of communications services and media innovations; organizational communications and public relations; media marketing and media management; and continuing education in the communications sector.

Main Language of Instruction: German

### **Requirements:**

Branch of Study: Communication and Media Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Communication and Media Research

Academic Advisor: [programmkoordination@ikmz.uzh.ch](mailto:programmkoordination@ikmz.uzh.ch)

Responsible Instructor: Mark Eisenegger

Coordination: Stefanie Andrea Hangartner

### **Part of:**

Bachelor of Arts in Social Sciences (RVO 19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Communication Science and Media Research

### **Description:**

#### General description:

The major program in Communication Science and Media Research gives candidates in-depth specialist theoretical knowledge, a familiarity with the latest research findings, and comprehensive empirical-methodological qualifications in the social sciences - all of which enables them to plan and carry out empirical research independently. The analytical capabilities and theoretical, methodological, communicative, and organizational skills acquired by those completing the program qualify them for organizational, evaluative and managerial positions in various areas of modern communications, including work in applied media, communications, market and opinion research; the evaluation of communication services and media innovations; organizational communications and public relations; media management; and continuing education in the field of communications.

Main Language of Instruction: German

### **Requirements:**

Branch of Study: Communication and Media Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Communication and Media Research

Academic Advisor: [programmkoordination@ikmz.uzh.ch](mailto:programmkoordination@ikmz.uzh.ch)

Responsible Instructor: Mark Eisenegger

Coordination: Stefanie Andrea Hangartner

### **Part of:**

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Political Communication & Governance

### Description:

#### General description:

The specialized Master's program in Political Communication gives candidates in-depth specialist theoretical knowledge and a familiarity with the latest research findings on the supply, content, and effects of communication between politics, the media, and the public - as well as on its transformational dynamics and the possibilities for regulation. This expertise enables students to independently plan, run, and evaluate empirical projects on relevant topics and problems of political communication. They acquire in-depth analytical skills in relation to the changing structures and processes of digital political communication, as well as comprehensive knowledge of social scientific methods. This qualifies them for managerial positions in political public relations and communications consulting, political market and opinion research, as well as in journalism and media production.

Main Language of Instruction: German

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Communication and Media Research

Academic Advisor: [programmkoordination@ikmz.uzh.ch](mailto:programmkoordination@ikmz.uzh.ch)

Responsible Instructor: Mark Eisenegger

Coordination: Stefanie Andrea Hangartner

### Part of:

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Strategic Communication & Management

### Description:

#### General description:

The specialized Master's program in Strategic Communication & Management provides candidates in-depth specialist theoretical knowledge and a familiarity with the latest research findings on the way organizations communicate digitally and non-digitally with their internal and external stakeholders and audiences. This equips those completing the program to plan, execute, and evaluate projects on organizational communications, public relations, communications management, social media, advertising, and campaign and marketing communications. They acquire the ability to analyze the strategies behind and effects of communications measures and management processes, combined with empirical and methodological qualifications in the social sciences. These skills qualify them for managerial positions in the communications departments of companies, NGOs, public institutions, and other organizations involved in strategic communications.

Main Language of Instruction: German

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Communication and Media Research

Academic Advisor: [programmkoordination@ikmz.uzh.ch](mailto:programmkoordination@ikmz.uzh.ch)

Responsible Instructor: Mark Eisenegger

Coordination: Stefanie Andrea Hangartner

### Part of:

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Art History

### Description:

#### General description:

The Art History study program is concerned with artworks and their history from the early Christian period in Europe up to the globalized present-day. Those completing the program have extended the academic skills acquired in their Bachelor's studies to be able to work with artworks of different genres, and have built their own independent profile within the discipline. The program trains students to approach works of art on a considered methodological basis. There is a particular focus on history, the media, and the spaces of art. A Master's degree in the History of Art program qualifies graduates for a career in museums, journalism, the art market, publishing, or universities.

Main Language of Instruction: German

### Requirements:

Branch of Study: Art History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Art History

### Description:

#### General description:

The Art History study program is concerned with artworks and their history from the early Christian period in Europe up to the globalized present-day. Those completing the program have extended the academic skills acquired in their Bachelor's studies to be able to work with artworks of different genres, and have built their own independent profile within the discipline. The program trains students to approach works of art on a considered methodological basis. There is a particular focus on history, the media, and the spaces of art. A Master's degree with a major in the History of Art qualifies graduates for a career in museums, journalism, the art market, publishing, or universities.

Main Language of Instruction: German

### Requirements:

Branch of Study: Art History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Art History in a Global Context

### Description:

#### General description:

The major in Art History in a Global Context takes a global, cultural geographic teaching approach to artworks in East Asia, North America, and Europe. A supplementary offering covers the history of art in other culture areas. The study program is designed to allow the considered, critical methodological examination of historical and current phenomena such as transculturality, national identity, the history of style, postcolonialism, the geography of art, human mobility, migration, and cultural transfer. Those with a Master's degree in Art History in a Global Context are qualified to work an internationally-oriented academic career, in the global art market in its entire breadth, in museums of art and cultural history, and in art criticism and art education.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Branch of Study: Art History

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 East Asian Art History

### Description:

#### General description:

The East Asian Art History study program looks at archaeological artifacts, artworks, and other evidence of the visual culture of China, Korea, and Japan and their historical development, regional interconnections, and current manifestations. Building on the basic knowledge gained at Bachelor's level students acquire a deeper specialist, research-based knowledge of specific genres, work on essential scholarly methodologies and subject matter, and develop their own research interests more intensively. Those completing a Master's with a major in East Asian Art History are qualified for careers universities, in museums, art dealing, and galleries, but also in journalism, tourism, and publishing.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Art History, East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Art History

Academic Advisor: studienberatung@khist.uzh.ch

Responsible Instructor: Ewa Machotka

Coordination: Vera Isaiasz

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 German Literature/Linguistics

### Description:

#### General description:

Building on the Bachelor's, the Master's study program in German Literature/Linguistics imparts enhanced, deeper and specialized knowledge in both a contemporary and historical respect. Those completing the program are able to place the scholarly discourses in which aspects of German language and literature, including new forms of communication and media representations, are debated, in the context of research and assess them critically. They are able to take a scholarly approach to and reflect on specialist questions using the relevant methods and theories, clearly structure complex issues, and apply them to new issues and problems. Candidates can specialize in a concentration of their choice.

Main Language of Instruction: German

#### Career Prospects:

Der Major «Deutsche Sprach-/Literaturwissenschaft» bereitet die Stu für die spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen der wissenschaftlich fundierte und spezialisierte Umgang mit deutscher Sprache und Literatur gefragt ist, wie etwa schulische und ausserschulische Ausbildung, Sprachvermittlung, Verlagswesen, kulturelle Einrichtungen (Theater, Bibliotheken, Museen, Literaturhäuser u.ä.), PR und Marketing u.a. Sie sind aber auch für vielfältige andere Aufgaben etwa im Bankenwesen, in der Verwaltung oder im Projektmanagement vorbereitet, die ein geschultes analytisches Denken und die Fähigkeit, komplexe Strukturen und Zusammenhänge zu erkennen, voraussetzen. Das Studienprogramm bildet die Voraussetzung für die Gymnasiallehrerinnen und -lehrerausbildung. Es bereitet aber auch auf weiterführende wissenschaftliche Tätigkeiten vor, z. B. im Rahmen eines Doktoratsstudiums oder für die Anstellung bei einer wissenschaftlichen Institution (Forschungsinstitute, Archive, Universitäten, Stiftungen u.ä.).

### Requirements:

Branch of Study: German Language and Literature

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-DSL@ds.uzh.ch

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:

Master of Arts (RVO19)





**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Scandinavian Studies

### Description:

#### General description:

The major in Scandinavian Studies builds on the Bachelor's study program to impart a more complete, in-depth and specialized knowledge of the subject.

Besides deepening their active language skills, candidates acquire a passive knowledge of an additional Scandinavian language and the ability to engage with scholarly questions and critically assess research opinions and specialist discourses in the field of Scandinavian languages, cultures, and literatures.

They also build skills in inter-Scandinavian communication, translation studies, and cultural mediation. Those completing the program are equipped to engage with and apply in a scholarly, reflective manner methods and theories of cultural and literature studies to subjects related to Scandinavian studies, and are able to do structured, solution-driven analysis of complex new issues and problems.

Main Language of Instruction: German

Further Languages of Instruction: Danish, Swedish

#### Career Prospects:

Die Master Studienprogramme «Skandinavistik» bereiten die Studierenden spätere Beschäftigung in einer Vielzahl von Tätigkeitsfeldern vor, in denen der wissenschaftlich fundierte und spezialisierte Umgang mit literaturwissenschaftlichen und transkulturellen Themenfeldern gefragt ist, wie etwa außerschulische Ausbildung, Sprachvermittlung, Verlagswesen, kulturelle Einrichtungen (Theater, Bibliotheken, Museen, Literaturhäuser u.ä.), PR und Marketing u.a. Die Studienprogramme bereiten aber auch auf weiterführende wissenschaftliche Tätigkeiten vor, z. B. im Rahmen eines Doktoratsstudiums oder für die Anstellung bei einer wissenschaftlichen Institution (Forschungsinstitute, Archive, Universitäten, Stiftungen u.ä.).

### Requirements:

Branch of Study: Nordic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: [annakatharina.richter@uzh.ch](mailto:annakatharina.richter@uzh.ch)

Responsible Instructor: Sabine Schneider

Coordination: Charlotte Schweri Litscher

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Cultural Analysis

### Description:

#### General description:

The major in Cultural Analysis allows candidates to engage on a theoretical, interdisciplinary basis with culture to acquire knowledge and skills allowing them to analyze, criticize, and interpret human knowledge and behavior in all possible cultural contexts. The study of cultural analysis provides an introduction to the various theoretical and historical cultural concepts, makes forms of culture and their semiotic, material, and media constitutions readable, analyzes culture in relation to social power structures that co-constitute human knowledge and action in its dimensions of meaning, and critically discusses the current global debates on the status of culture. Thanks to their theoretical and interdisciplinary engagement with culture, those completing the program are equipped for independent intellectual work on the basis of analysis, criticism, and reading.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of German and Scandinavian Studies

Academic Advisor: [kulturanalyse@ds.uzh.ch](mailto:kulturanalyse@ds.uzh.ch)

Responsible Instructor: Christine Suzanne Lötscher

Coordination: Benno Wirz

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Psychology

### Description:

#### General description:

The Master's degree in Psychology builds on the Bachelor's degree pro the same name. Those completing the program are able to recognize psychologically relevant issues, formulate appropriate measures to resolve them, implement these measures on a sound scientific basis, and select or develop themselves methods to plan, perform, analyze, review, and evaluate psychological interventions. On completion of the study program the degree of Master of Science UZH in Psychology is conferred. It qualifies the candidate to exercise the profession of psychologist and embark on continuing postgraduate education. The professional areas in which psychologists work include scientific research and roles in diagnosis, advice, design, evaluation, and psychotherapy in the field of clinical psychology and health psychology, or in education, administration, business, and industry.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

Branch of Study: Psychology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits.

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Psychology

Responsible Instructor: Klaus Oberauer

Coordination: Heike Dele Bull

### Part of:

Master of Science in Psychology (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Educational Science

### Description:

#### General description:

Educational Science examines questions and problems related to upbringing, education, learning, assistance, and socialization. The Master's degree in Educational Science builds on the Bachelor's degree program of the same name. Those completing the major in Educational Science are familiar with the relevant terminology, theories, and research approaches and traditions of the discipline. They are able to analyze, reflect on, and interpret theoretical and empirical findings, and have the ability to design, perform, and assess their own independent project and research work. Those completing the major are equipped for demanding academic roles in educational teaching and research, and for leadership and management positions in the education and social sector, and in educational and social policy. Candidates can specialize in a concentration of their choice.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im Major-Studienprogramm «Erziehungswissenschaft» auf dient der Qualifikation für die Ausübung anspruchsvoller akademischer Tätigkeiten in der erziehungswissenschaftlichen Forschung und Lehre sowie von Führungs- und Leitungspositionen im öffentlichen wie privaten Bildungs- und Sozialwesen. Weitere Berufsfelder sind Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit sowie Bildungs- und Sozialpolitik.

### Requirements:

Branch of Study: Education Studies, Special Education, Psychology, Social Work and Social Policy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Social and Cultural Anthropology

### **Description:**

#### General description:

Social anthropology focuses on human cultures and societies. It studies the ecological, economic, political, legal, social, and cultural dimensions of human sociality in its diversity and historical development. It places the emphasis on the empirical, comparative, and theoretically reflective analysis of a wide range of topics, for example everyday practice, social and religious movements, conflicts, and development organizations. Master's students do a research-based degree. Research is done either in Switzerland or abroad, in an ethnographic museum or on the basis of literature. Those completing the program further develop their ability to work scientifically, deepen their knowledge of the theories and methods of social anthropology, and familiarize themselves with the ethnography of a particular region of the world. They learn to quickly understand new contexts and grasp their systematic character, and are able to act competently under complex conditions.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Ethnologinnen und Ethnologen arbeiten nach dem Studium z.B. in der Wissenschaft und in Museen, in der Entwicklungszusammenarbeit, in internationalen Organisationen, in Nicht-Regierungsorganisationen, in der öffentlichen Verwaltung, in Verbänden, in den Medien, in Verlagen, in der Unternehmensberatung oder im Kulturmanagement.

### **Requirements:**

Branch of Study: Social and Cultural Anthropology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization:

Academic Advisor: ethno-studienleitung-jph@isek.uzh.ch

Responsible Instructor:

Coordination:



**Universität  
Zürich**<sup>UZH</sup>

**Part of:**

Master of Arts in Social Sciences (RVO19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Internet & Society

### Description:

#### General description:

The specialized Master's program Internet & Society provides with theoretical and empirical in-depth knowledge about the interplay of technical, social, economic, political and cultural features of digital media and online communication in modern societies. These skills enable students to plan, run, and evaluate projects on the preconditions and implications of digital media use, and on the opportunities and challenges of a constantly changing media environment. While the program is research-focused, it addresses questions of paramount practical significance, including: What are the opportunities and challenges connected to current developments concerning digital media, internet governance, and internet economics? How do various stakeholders implement online communication strategies? How are online debates about important issues structured, and how can they be analyzed? How do people from diverse backgrounds use digital media and with what individual and societal implications?

Main Language of Instruction: English

### Requirements:

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Information on admission requirements is set out in the program-specific appendix to the program's study regulations (in German)

([https://www.phil.uzh.ch/dam/jcr:36c97728-7c79-45b3-83ce-a65881615123/STO\\_06M-7](https://www.phil.uzh.ch/dam/jcr:36c97728-7c79-45b3-83ce-a65881615123/STO_06M-7) Please consult the Internet & Society webpages



(<https://www.ikmz.uzh.ch/en/studies/master/internet-society/application-and-adm> for information on admission requirements and the application procedure in English. For general information on admissions to UZH Master programs, visit the Admission to the Master's Program webpage (<https://www.uzh.ch/cmsssl/en/studies/application/master.html>).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

**Organization:**

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Communication and Media Research

Academic Advisor: <https://www.ikmz.uzh.ch/de/study/student-counselling/contact-form.html>

Responsible Instructor: Mark Eisenegger

Coordination: Stefanie Andrea Hangartner

**Part of:**

Master of Arts in Social Sciences (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Astronomy und Astrobiology

### Description:

#### General description:

This minor study program in Astronomy and Astrobiology (60 ECTS credits) provides students with a broad education on the fascinating topics of our universe and the life it contains. Astrobiology is the interdisciplinary study of the origin and nature of life on earth and possible life 'out there'&apo minor study program has no pre-requisites and is open to any student of the University. Students take the introductory core courses in Astronomy/ Astrophysics and Astrobiology. The remaining ECTS credits can be obtained from a wide selection of lecture courses and practicums from biology, chemistry, geophysics and astronomy.

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Graduates from the minor study program Astronomy and Astrobiology have gained insight into the formation of planets, stars and life, as well as the evolution of the universe. In addition, they have received an introduction to biological processes, Geoscience or Physical Geography, depending on their selected concentration. In completing this minor, students majoring at other faculties will have gained insight into the diversity and methods of the Natural Sciences.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

Responsible Instructor: Benjamin Moore

#### Coordination:

### Part of:

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Educational Science and Psychology

### Description:

#### General description:

The study program in Science in Education and Psychology combines content from educational science and psychology. Those completing the program are familiar with the basic terminology, sub-disciplines, theories, and history of educational science and with the fundamentals of social, developmental, biological, personality, and neuropsychology.

They have a knowledge of the methods and procedures of quantitative social research and an insight into the social settings of development, upbringing, education, and assistance. Those completing the program are equipped for diverse roles, particularly in the education and social sector, and are qualified for admission to a Master's study program in Science in Education and Psychology or educational science.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im Major-Studienprogramm «Fachwissenschaft Pädagogik und Psychologie» auf Bachelorstufe befähigt zu Tätigkeiten, die einen akademi Hintergrund in Erziehungswissenschaft und Psychologie erfordern, einschliesslich Tätigkeiten an Pädagogischen Hochschulen, Fachhochschulen oder in betrieblichen Ausbildungsstellen. Weitere Felder sind öffentliches wie privates Bildungs- und Sozialwesen, Bildungs- und Sozialpolitik, Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit. Darüber hinaus ermöglicht der Abschluss die Aufnahme des Studienprogramms «Fachwissensch Pädagogik und Psychologie» im Master, der die direkte Aufnahme des Lehrdiplomstudiums für Maturitätsschulen ermöglicht und anschliessend zum Unterrichten an Maturitäts- und Fachmittelschulen im Unterrichtsfach «Päd und Psychologie» befähigt.

### Requirements:

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Educational Science and Psychology

### Description:

#### General description:

The study program in Educational Science and Psychology builds on the Bachelor's study program in the same subject. Those completing the program are familiar with the relevant terminology, theories, and research approaches and traditions of educational science and the fundamentals of health, advertising, and consumer psychology. Beyond this they have explored in more depth their own chosen topics in the fields of education and psychology. They have the ability to design, perform, and assess their own independent project and research work. The program opens up diverse professional avenues, primarily in the public or private education and social sector. In particular, it qualifies candidates for direct admission to study for the Teaching Diploma for Upper Secondary Education, and to teach Educational Science and Psychology at upper secondary and specialist upper secondary schools.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im Major-Studienprogramm «Fachwissenschaft Pädagogik und Psychologie» ermöglicht die direkte Aufnahme des Lehrdiplomstudiums für Maturitätsschulen und befähigt anschliessend zum Unterrichten an Maturitäts- und Fachmittelschulen im Unterrichtsfach «Pädagogik und Psychologie». Tätigkeiten sind anspruchsvolle akademische Lehr- und Forschungstätigkeiten an Pädagogischen Hochschulen, Heilpädagogischen Fachhochschulen, Fachhochschulen für Soziale Arbeit und Sozialpolitik oder im betrieblichen Ausbildungsbereich sowie in Führungs- und Leitungspositionen des öffentlichen wie privaten Bildungs- und Sozialwesens. Weitere Felder sind Bildungs- und Sozialpolitik, Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit.

### Requirements:

Branch of Study: Education Studies, Psychology

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts (RVO19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Italian Studies

### Description:

#### General description:

«Italian Studies» is a two-year Integrated study abroad Master's (120 ECTS credits). The Master is based on agreement between the Institute of Romance Studies of the University of Zurich (Italian Literature and Linguistics) and the Department of Letters and Modern Cultures of the University of Rome - La Sapienza (Modern Philology).

«Italian Studies» is a Master's degree with restricted intake (clausus) and the enrolled students stay for two semesters (1st and 4th) in Zurich, and for two semesters (2nd and 3rd) at the partner university in Rome.

Students can choose from a variety of courses not only in Italian Literature and Linguistics, but also in cultural studies, arts, cinema, music, comparative literatures, etc. Furthermore, they complete an internship, typically in archives, libraries, museums, cultural institutions, newspapers, or publishing houses.

Main Language of Instruction: Italian

### Requirements:

Branch of Study: Italian Language and Literature

### Organization:

Organization: Department of Romance Studies

Academic Advisor: cseidl@rom.uzh.ch

Responsible Instructor: Rico Franc Valär

Coordination: Christian Seidl

### Part of:

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Philosophy

### **Description:**

#### General description:

Philosophy is concerned with the fundamental questions of human existence. By considering human beings as sentient, thinking, and cognizant beings and as social, political, and acting subjects, philosophy reflects on the fundamentals and conditions not only of science, the mind, and language, but of society and culture. Besides a knowledge of the history of philosophy (from antiquity and the Middle Ages to the early modern period and the 19th and 20th centuries), the study covers key concepts, problems, and theories from various areas of contemporary philosophy (logic and the philosophy of science, metaphysics, cognitive theory, the philosophy of language, philosophy of mind, general and applied ethics, political philosophy, and aesthetics).

Main Language of Instruction: German

#### Career Prospects:

Die Studierenden der Philosophie erwerben Fähigkeiten, die sie in zahlreichen Berufsfeldern einbringen können. Zu den im Studium erworbenen Kompetenzen gehören eine hohe Analyse- und Reflexionskompetenz, ein ausgeprägtes methodologisches Bewusstsein, ausgebildete sprachliche, kommunikative, hermeneutische und argumentative Fähigkeiten sowie die Fähigkeit und Bereitschaft, Gegebenes kritisch zu hinterfragen. Absolventinnen und Absolventen der Philosophie findet man entsprechend in den verschiedensten Bereichen: an Gymnasien und Universitäten, in der Kultur und der Politik, zum Beispiel als Kulturmanager oder Diplomatinen. Sie sitzen in Ethikkommissionen ein, beraten Unternehmen und Parteien, sie engagieren sich in NGOs, arbeiten als Medienschaffende, als Lektoren in Verlagen oder als Analytistinnen in Banken und Versicherungen.

### **Requirements:**

Branch of Study: Philosophy

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Philosophy

Academic Advisor: [studienberatung@philos.uzh.ch](mailto:studienberatung@philos.uzh.ch)

Responsible Instructor: Katia Saporiti

Coordination: Simon Berwert

### **Part of:**

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Educational Science

### Description:

#### General description:

Educational Science examines questions and problems related to upbringing, education, learning, assistance, and socialization. Those completing the minor in Educational Science are familiar with the basic terminology, sub-disciplines, theories, and history of educational Science, and have a basic knowledge of select thematic areas within the discipline and in a research approach based on qualitative, quantitative or historical and textual analysis methods and procedures. The minor provides additional qualifications for a wide range of roles, primarily in the public and private education and social sector.

Main Language of Instruction: German

#### Career Prospects:

Der Abschluss im Minor-Studienprogramm «Erziehungswissenschaft» auf Bachelorstufe ergänzt das Qualifikationsprofil für eine Vielzahl von Tätigkeitsfeldern im öffentlichen wie privaten Bildungs- und Sozialwesen sowie in der Bildungs- und Sozialpolitik, einschliesslich Verwaltung, Beratung, Entwicklung, Medien- und Öffentlichkeitsarbeit.

### Requirements:

Branch of Study: Education Studies, Special Education

Regulations: <http://www.phil.uzh.ch/studium/rechtsgrundlagen.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Education

Academic Advisor: studienberatung@ife.uzh.ch

Responsible Instructor: Roland Reichenbach

Coordination: Bettina Kunz

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Hermeneutics

### Description:

#### General description:

The Bachelor's Degree minor in Hermeneutics introduces the most important questions about the theory of interpretation and understanding. It also offers a survey of the main phases in the development of the discipline and present contemporary viewpoints and debates. Methods of interpretation are considered critically in relation to their presuppositions and implications. This minor can well be taken in combination with other fields of study involving interpretation (theology, study of religions, philosophy, literature studies, history, jurisprudence, social sciences and others). For this reason, interdisciplinary connections of this kind are a consciously planned part of the program.

:

See description of the degree program

Main Language of Instruction: German

#### Career Prospects:

See major subject degree program for theology

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences beyond those acquired in the Bachelor's program. This is also applicable to acceptance specialized Master's courses. In any event, even when the Master's course is in the same subject, the fa can make the completion of a Master's degree dependent on the fulfillment additional requirements. These requirements can also be fulfilled during the Master's course. The details are set out in the framework rules and the st rules.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs at the Faculty of Arts and Social Sciences, University of Zurich, and the provisions defined in the pertinent program regulations apply, see <http://www.phil.uzh.ch/studium.html> (in German).

Branch of Study: Theology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. Half-grades are permitted. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The Bachelor's course in hermeneutics as a minor subject (30 KP) comprises following modules:

- a) Module introduction to hermeneutics
- b) Module methods of interpretation
- c) Module initial in-depth treatment of hermeneutic topics



Major/Minor-Combinations: Das Nebenfach Hermeneutik kann grundsätzlich mit allen Hauptfächern der Universität Zürich kombiniert werden.

Part-Time Studies: The duration of a degree course is longer for part-time students.

The degree course can be prolonged, without reasons, to six years for a Bachelor's degree and to four years for a Master's degree. The maximum of study for Bachelor's and Master's degrees is thus double the standard of studies, calculated from the start of the relevant degree.

Organization: Faculty of Theology and the Study of Religion

Academic Advisor: Ute Nürnberg, studienfachberatung@theol.uzh.ch

Responsible Instructor: Christiane Tietz

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Ecclesiastical History

### Description:

#### General description:

The Bachelor's Degree minor in Church History introduces the historical development of Christianity, churches, religious life and the assertions of Christian theology and faith. It gives insight into basic themes of church history through every era and teaches a methodological approach to historical material. Like other historical disciplines it engenders view points and a sense of orientation with regard to contemporary questions relating to the church and the world. This track presupposes a knowledge of Latin, which must otherwise be learned. Learning Greek is also a possible option.

:

See description of the degree program

Main Language of Instruction: German

#### Career Prospects:

See major subject degree program for theology

#### Further Study Options:

Attaining a Bachelor's degree entitles the student to continue studying in same subject without having to fulfill further conditions. Where the subject is changed, the faculty can require proof of additional competences beyond those acquired in the Bachelor's program. This is also applicable to acceptance specialized Master's courses. In any event, even when the Master's course is in the same subject, the fa can make the completion of a Master's degree dependent on the fulfillment additional requirements. These requirements can also be fulfilled during the Master's course. The details are set out in the framework rules and the st rules.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs at the Faculty of Arts and Social Sciences, University of Zurich, and the provisions defined in the pertinent program regulations apply, see <http://www.phil.uzh.ch/studium.html> (in German).

Branch of Study: Theology

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. Half-grades are permitted. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.

### Organization:





Program Structure: The Bachelor's course in ancient Christianity as a minor subject (30 KP) comprises the following modules:

- a) Module methods
- b) Module introduction to ancient Christianity
- c) Module advanced ancient Christianity
- d) Module Greek language

It also includes the optional area.

Major/Minor-Combinations: Das Nebenfach Kirchengeschichte kann grundsätzlich mit allen Hauptfächern der Universität Zürich kombiniert werden.

Part-Time Studies: The duration of a degree course is longer for part-time students.

The degree course can be prolonged, without reasons, to six years for a Bachelor's degree and to four years for a Master's degree. The maximum of study for Bachelor's and Master's degrees is thus double the standard of studies, calculated from the start of the relevant degree.

Organization: Faculty of Theology and the Study of Religion

Academic Advisor: Ute Nürnberg, studienfachberatung@theol.uzh.ch

Responsible Instructor: Peter Opitz

Coordination:

**Part of:**

Bachelor of Science Faculty of Science (2021)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 15 Ancient Christianity

### Description:

#### General description:

The Master's Degree minor in Ancient Christianity conveys a deeper knowledge of the history of ancient Christianity, derived on one side from the New Testament, its emergence, transmission and influence, on the other from the literature of the ancient church and its roots in the religious, cultural and political context on antiquity. Students are trained in a methodologically considered approach to source material. This Master's Degree minor builds on Bachelor-level studies in the same concentration and presupposes areas of proficiency thereby developed, including the necessary languages.

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See description of the degree program.

Main Language of Instruction: German

#### Career Prospects:

See major subject degree program for theology.

#### Further Study Options:

Attaining a Master's degree entitles the student to continue studying at the doctoral level. The faculty can make admission to a Doctorate course dependent on further conditions. The details are set out in the rules for Doctorates.

### Requirements:

#### Further Study Options:

Die folgenden akademischen Abschlüsse erlauben die prüfungsfreie Zulassung zum Master-Studium in Theologie:  
- Ein Bachelor in Theologie der Theologischen Fakultät der Universität Zürich. - Entsprechende Abschlüsse von in- und ausländischen Univeristäten, die von der Theologischen Fakultät generell anerkannt worden sind. Die Zulassungsbedingungen zum Master-Studium in Theologie regeln die entsprechenden Studienordnungen (<http://www.theologie.uzh.ch/>).

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. Half-grades are permitted. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.

### Organization:

#### Program Structure:

The Master's course in ancient Christianity as a minor subject (15 KP) comprises the following modules:

a) Module 1 advanced ancient Christianity I

a) Module 2 advanced ancient Christianity I

guidelines at: <https://www.theologie.uzh.ch/studium/nebenfaecher.html>

Major/Minor-Combinations: Das Nebenfach Antikes Christentum kann grundsätzlich mit allen Hauptfächern der Universität Zürich kombiniert werden.



Part-Time Studies: The duration of a degree course is longer for part-time students.

The degree course can be prolonged, without reasons, to six years for a Bachelor's degree and to four years for a Master's degree. The maximum of study for Bachelor's and Master's degrees is thus double the standard of studies, calculated from the start of the relevant degree.

Organization: Faculty of Theology and the Study of Religion

Academic Advisor: Ute Nürnberg, studienfachberatung@theol.uzh.ch

Responsible Instructor: Peter Opitz

Coordination:

**Part of:**

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Theology

### Description:

#### General description:

The Bachelor's degree program in Theology as a single major involves a wide-ranging scholarly presentation and reflection of Christianity in terms of both its biblical foundations and its historical and contemporary manifestations in culture, society, and the church. In this respect, it serves as an introduction to the basic disciplines of theology, addressing everything from the interpretation of biblical texts to the study of the history of Christianity, the review of various dogmatic interconnections, and the examination of ethical implications and ecclesiastical practices from a contemporary perspective, combined with basic knowledge in the fields of religious studies and history of philosophy. The program also includes instruction in the biblical languages (Ancient Hebrew, Ancient Greek). The Bachelor's degree program in Theology as a single major consists of 180 EC credits, which corresponds to three years of full-time study. Students complete the program of study by writing a Bachelor's thesis.

Main Language of Instruction: German

### Requirements:

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Students who wish to participate in the Bachelor's degree program in Theol must demonstrate proficiency in Latin at the secondary school exit-exam level or the equivalent thereof. The Theology Studies Commission decides on the recognition of qualifications after receiving a request for such. Students who have no knowledge of Latin may obtain such knowledge throughout the course of the Bachelor's program and obtain the corresponding number of ECTS credits part of their Elective Pool.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Konrad Schmid

Coordination:

### Part of:

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Study of Religions

### Description:

#### General description:

The Master's degree program in Religious Studies as a single-major program study is designed to expand students' knowledge and competence in the area religious studies, with a focus on research. The core curriculum addresses current topics in religious studies and allows for targeted and individual specialization in historical-comparative, social sciences, or systematic-theoretical religious studies. The main component of the program involves independent research culminating in a student project or a more extensive project completed in the Department of Religious Studies. The single-major program in Religious Studies consists of 120 ECTS credits, which corresponds to two years of full-time study. Students complete the program of study by writing a Master's thesis.

### Requirements:

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Bachelor's degree with a specialization in Religious Studies as at least a minor program of study with 60 ECTS credits. Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon sp review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met. Depending on the specialization chosen, this applies particularly to language proficiency and knowledge of methodology.

Admission without additional requirements is granted if the applicant has obtained a Bachelor's degree in Religious Studies as a major or minor prog of study in the Faculty of Theology at the University of Zurich, or has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. Specification of requirements: Admission to the consecutive Master's degree program in Reli Studies as a single major requires the applicant to have knowledge of religious traditions, whereby at 12 ECTS credits need to have been earned in this area.

In addition, students need to have completed coursework in historical and comparative religious studies, social scientific religious studies, and systematic-theoretical religious studies, whereby at least 12 ECTS credits need to have been earned in each area. Students who choose a specialization with a historic-comparative focus or focus on social sciences need to have obtained the language proficiency and knowledge of methodology required in each case, whereby at least 12 ECTS credits need to have been earned.

Branch of Study: Study of Religions

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

### Part of:

Master of Arts UZH in Study of Religions Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Ethics and Society

### Description:

#### General description:

The Bachelor's degree program in Ethics and Society as a minor program of utilizes a theological and philosophical approach to analyze ethical questions that arise in various segments of society. The program focuses on three main areas: The first addresses the foundations of theological and philosophical ethics, while also teaching students the skills they need to recognize and understand ethical problems, reflect on such problems in a methodical manner, and then talk about these problems in accordance with rational discussion standards. The second main area analyzes specific issues, in particular those related to business, economic, animal, and environmental ethics, as well as bioethics, political ethics and ethics in a digital society. The third main area teaches students specific methods of scholarly work in the field of the humanities and how such methods should be applied. Students complete the

30-ECTS credit program of study by writing a paper on a specific topic of ethics.

### Requirements:

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### Organization:

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Michael Coors

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Theology

### Description:

#### General description:

The Master's degree program in Theology as a single major involves a wide-ranging scholarly reflection of Christianity in terms of both its biblical foundations and its historical and contemporary manifestations in culture, society, and the church. In this sense, the Master's degree program in Theology as a single major offers students the opportunity to expand their knowledge of the basic disciplines of theology in order to develop their own expertise with regard to exegesis, ecclesiastical history, systematic and practical theology.

The single-major program consists of 120 ECTS credits, which corresponds to two years of full-time study.

Students complete the program of study by writing a Master's thesis. The completion of this master opens the possibility for the professional program to become a pastor which the German Swiss Reformed Concordat Churches offer.

### Requirements:

:

Single-major Bachelor's degree with a specialization in theology (180 ECTS credits). Admission with restrictions may be granted to applicants who have the required specialization but who do not display sufficient knowledge of the subject. Applicants who do not possess a Bachelor's degree with the required specialization may be admitted upon special review; if sufficient knowledge of the subject cannot be displayed, additional requirements may have to be met.

Admission without additional requirements is granted if the applicant has obtained a Bachelor's degree in Theology as a single major in the Faculty of Theology at the University of Zurich, or has an equivalent or higher-quality degree from a university in Switzerland or abroad, provided the degree is recognized by the Faculty of Theology. The specification of requirements for admission to the Master's degree program in Theology (120 ECTS credits) as a single major is based on the Bachelor's program in Theology as a single major (180 ECTS credits) offered by the Faculty of Theology at the University of Zurich.

Branch of Study: Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ma.html](https://www.trf.uzh.ch/studierende/modulkataloge_ma.html)

### Organization:

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Konrad Schmid

Coordination:

### Part of:

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Neuroscience

### Description:

#### General description:

The ZNZ International PhD Program in Neuroscience includes a written dissertation about the own independent scientific research project. The program provides training in modern neuroscience disciplines and it is designed for students interested in pursuing a professional career in neuroscience. Since program participants originate from different biomedical branches, one key element of the program is the development of skills of communication, interaction with other scientists, and scientific writing. Course work with a minimum of 12 ECTS credits is required. In the first year, the Introductory Course in Neuroscience, parts I and II, is mandatory. The participation in a two-day doctoral retreat is obligatory. The closely supervised thesis work will provide the experience of conducting a substantial piece of original research.

Main Language of Instruction: English

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program. Admission may be made contingent on conditions and/or restrictions in the form of additional coursework.

Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of Instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

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A joint doctorate at the Faculty of Science of the UZH and the ETH Zurich is only open to applicants whose responsible professor, with the right to confer a PhD at the Faculty of Science, has a double professorship at the UZH and at the ETHZ.

Regulations: <https://www.mnf.uzh.ch/en/studium/reglemente.html>

### Organization:

Organization: Faculty of Science

Responsible Instructor: Wolfgang Knecht

Coordination: Heidi Gauss

### Part of:

Joint Doctorate at the Faculty of Science of the UZH and the ETH Zurich





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Film Studies Network Cinema CH

### Description:

#### General description:

The inter-university study program Film Studies Network Cinema CH offered by the universities of Zurich and Lausanne enables students to extend their knowledge of the history, theory, aesthetics, and technology of film and the cinema, and acquire more in-depth skills in the analysis of audiovisual artifacts in historical and discursive contexts. Options to build a profile in film economics and management (Università della Svizzera italiana), archiving (Cinémathèque Suisse), and film production (Zurich University of the Arts) facilitate the link between theory and practice and knowledge in different disciplines. The study program equips students to do methodologically reflective independent research. It is the prerequisite for an academic career and qualifies those completing the program for demanding work in the fields of film culture, the film industry, and film policy.

Main Language of Instruction: German

### Requirements:

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Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Branch of Study: Theatre, dance and film studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Film Studies

Academic Advisor: jsahli@fiwi.uzh.ch

Responsible Instructor: Daniel Johannes Wiegand

Coordination: Matthias Brütsch

### Part of:

Master of Arts in Film Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Political Sciences

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

Main Language of Instruction: English

Further Languages of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Department of Political Science

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Gender Studies

### **Description:**

#### General description:

The degree program requires participants to conduct independent research, write a PhD thesis, and to perform coursework worth a total of 12 ECTS credits. Program outcomes include acquiring subject-specific skills in the area of specialization and improving research methodology.

Graduates acquire transferable skills (i.e. university-level teaching, science communication, leadership skills). In addition to promoting publications in scholarly journals and the ability to present research findings in academic contexts these skills enable participants to develop the personal skill sets necessary for a successful career in research or in another demanding profession. To assure high quality, participants receive excellent support from a supervision committee made up of experts in the field.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Arts and Social Sciences

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Faculty of Arts and Social Sciences



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Biomedicine

### **Description:**

#### General description:

The major study program Biomedicine (150 ECTS credits) teaches the relevant basic principles in Physics, Chemistry, Mathematics, Cell and Molecular Biology, Biochemistry, Biostatistics and Bioinformatics as well as Physiology, Anatomy, and Pathophysiology. The focus is on achieving an integrative view of the functions of the human body in connection with causes of diseases. In the area of general competencies the emphasis is on scientific reasoning, working and presentation. The Bachelor's degree in Biomedicine qualifies for professional activities requiring a profound knowledge of the human body.

Program structure: During the first 2 years (1 - 4 semester, basic studies) the focus is on sciences such as Chemistry, Physics, Biology and Mathematics as well as Anatomy and Physiology. In the third year (5 and 6 semester, Fachstudium) specific molecular aspects of the function of the human body as well as major diseases will be studied using biomedical research methods.

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Graduates of the Major Study Program Bachelor in Biomedicine (150 ECTS Credits) are able to apply their sound knowledge in scientific, biological and medical subjects as well as in biostatistics and bioinformatics in the solution of biomedical questions in theory and practice and to recognize, describe and explain biomedical concepts and phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

A permanent professional position is hardly possible with a Bachelor's deg at best it is only possible to do an internship or to enter a training program in private or public companies. The prerequisite for employment is normally a Master's degree.

#### Further Study Options:

The Major degree in Biomedicine at the Bachelor's level (Major Study Progr worth 150 ECTS Credits) entitles to enrol for the Major Study Programs in Biomedicine at the Master's level with no further conditions. The admission related Master Programs (biology, biochemistry) is possible. For these programs, however, the formal enrolment may depend on the fulfilment of additional requirements or conditions. The admission to specialized Master programs (e.g. biostatistics) an application is necessary.

### **Requirements:**

#### Further Study Options:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Biochemistry, Biology, Biomedical sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**



Program Structure:

The compulsory modules (110 ECTS) of the basic studies (1st-4th semester) cover the natural sciences (chemistry, physics, biochemistry), the basic and applied mathematics (analysis, statistics, programming, data analysis), the relevant biological subjects (molecular genetics, cell biology, evolution and developmental biology of humans, microbiology, neurobiology) and the medical subjects (anatomy, physiology, pathophysiology, immunology, virology). In the elective modules (40 ECTS) of the advanced studies (5th and 6th semester), knowledge of molecular and cellular mechanisms of important human diseases is acquired, as well as biomedical research methods for their diagnosis, therapy and prevention. The main part of the 3rd year of study is formed by practical courses in research courses of the Faculty (e.g. in the Institutes of Physiology, Medical Virology, Experimental Immunology, Molecular Cancer Research, Pharmacology and Toxicology, Molecular Life Sciences, Anatomy, quantitative biomedicine, etc.) and in various University hospitals in Zurich. There, students get the possibility to find their thematic priority within biomedicine or to choose a program within the Biology Master.

Major/Minor-Combinations:

The Major Study Program in Biomedicine worth 150 ECTS Credits can be combined with a Minor Study Program worth 30 ECTS credits. Minor Study Programs can be chosen from the entire range of subjects offered by the University of Zurich. A Minor Study Program starts in the second year of study. In the second year of study, all elective modules are replaced with modules of the Minor Study Program (10 ECTS), in the third year a part of elective modules are replaced with modules of the Minor Study Program (20 ECTS).

Part-Time Studies:

Part-time studies are well possible due to the modular structure of the basic study period. However, the duration of studies will be extended and it must be noted that the sequence of compulsory modules of the basic study period is constructive. The third regular year of studies for the Bachelor's degree (advanced studies) contains block courses and lectures that take up the whole working week. Part-time students thus have to organize their time in advanced studies to ensure their presence in coherent time blocks of at least three and a half weeks. If necessary, the study counselling service can be contacted.

Organization:

Faculty of Science

Academic Advisor:

Dr. Sabine Jacob, [biomedizin@physiol.uzh.ch](mailto:biomedizin@physiol.uzh.ch)

Responsible Instructor:

Lubor Borsig

Coordination:

Sabine Jacob Sempach

**Part of:**

Bachelor of Science Faculty of Science (2021)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 1 Religion (1st Teaching Subject)

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Religion (ein Unterrichtsfach)

### **Description:**

#### General description:

The degree program Teaching Diploma for Upper Secondary Education in one subject is a teaching qualification that supplements an individual's subject-specific Master's degree. The program is designed to impart pedagogical and methodological skills and is structured into three areas: education studies, subject-specific teaching, and teaching practice. During their studies, participants acquire the ability to plan, design, and evaluate lessons that challenge learners and that are geared to their cognitive level. Upon completing the program, graduates have acquired sound theoretical knowledge as well as professional skills and competencies, thus qualifying them to teach their subject at upper secondary schools (baccalaureate schools, specialized schools, and - with the necessary additional qualification - vocational baccalaureate schools). They are furthermore able to help their students achieve a university entrance qualification and to foster their ability to think independently and act responsibly.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Teaching Diploma for Upper Secondary Education (LfM)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Additional Teaching Subject Religion

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Erweiterungsdiplom über ein zusätzliches Unterrichtsfach (ED ZUF)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Cancer Biology

### Description:

#### General description:

The PhD program in Cancer Biology trains participating students towards a PhD (Dr. sc. nat. or Dr. sc. ETH Zürich) in basic or clinical cancer research. In the course of the studies, the students' scientific achievements actively contribute to the success of cancer research in Zurich. To be admitted to the program, the students must hold a Master Degree in biological sciences and pass an admission interview. The original research carried out during the course of the studies must be described in a PhD thesis, which is externally reviewed. Subject to a positive review, the students must defend the thesis in a public presentation that is followed by a closed examination by the responsible faculty members.

During the course of the studies, the students must acquire at least 12 ECTS credits, and attend four mandatory courses and one students' retreat. Furthermore, the PhD students are required to hold regular meetings with their thesis committee.

### Requirements:

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Admission to doctoral study is governed by the ordinance on admission to studies at the University of Zurich (Verordnung über die Zulassung an der Universität Zürich VZS). The main requirement for admission to doctoral study is a Master's degree from a university or an equivalent degree. Each PhD project must receive approval from a professor at the Faculty of Science or from a person who has the right to confer a PhD at the Faculty of Science. There is no general right to be granted admission to a PhD program.

#### Admission

may be made contingent on conditions and/or restrictions in the form of additional coursework. Conditions must be met prior to admission to doctoral study; restrictions may be fulfilled during doctoral study. Coursework required to meet conditions and/or restrictions may not exceed a total of 60 ECTS credits; requirements are specified according to the demands of the subject in which the PhD thesis will be written. The Vice Dean of Studies decides on admission, on recognition of similar degrees, and on conditions and/or additional requirements that may apply. As a rule, the language of instruction in the PhD programs is English. All applicants whose native language is not English, or whose prior studies have not been conducted in English, are required to provide proof of sufficient knowledge of English.

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A joint doctorate at the Faculty of Science of the UZH and the ETH Zurich is only open to applicants whose responsible professor, with the right to confer a PhD at the Faculty of Science, has a double professorship at the UZH and at the ETHZ.

### Organization:

Organization: Faculty of Science

Responsible Instructor:

Coordination:

### Part of:

Joint Doctorate at the Faculty of Science of the UZH and the ETH Zurich



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Law

### Description:

#### General description:

The degree program provides students with legal knowledge, the skills to analyze the legal system and the ability to reflect on the basic principles and content of legal normativity and jurisprudence. It illustrates the scientific and social importance of law and the responsibility that lawyers bear. The Bachelor's degree program focuses on basic knowledge and the ability to think methodically and scientifically. The study program requires and encourages students to reflect on the material they have been taught. It helps them develop essential social skills such as argumentation and communication and the ability to work in a team and interact with other cultures as part of mobility and exchange programs.

Main Language of Instruction: German

Further Languages of Instruction: English, French

#### Career Prospects:

First and foremost, the Bachelor of Law degree entitles students to continue their studies on a Master of Law degree programme at universities.

Completion of the Bachelor's degree also permits graduates to commence specific work in areas of law, such as a job at a governmental office, a bank, an insurance company or other company. Graduates who wish to be admitted to the bar, however, must join the Master's degree programme.

#### Further Study Options:

Students with a Bachelor's degree are admitted to postgraduate studies in same field without having to fulfil any further conditions. For admission to an English-language Master's program or a program conducted jointly with another faculty, the faculty may request evidence of additional skills not acquired within the relevant Bachelor's degree program. Details are set out in the framework regulation or the study regulations.

### Requirements:

#### Further Study Options:

To be admitted to the study program, students must have a federal school-leaving certificate or equivalent qualification. Any student who has been definitively excluded from studies at the Faculty of Law, University of Zurich, or from any other Swiss faculty of law, will no longer be admitted to a program of study in law. For further information, please visit <https://www.ius.uzh.ch>.

Branch of Study: Law

Grading: Each module is concluded with a student assessment. Performance is graded on a scale from 1 to 6, with 6 denoting the highest and 1 the lowest grade. Half grades are permitted. A grade below 4 indicates insufficient performance.

Performance can also be graded on a "pass" or "fail" basis.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:



Major/Minor-Combinations: The degree program does not provide a minor subject.  
Law can also be studied as a minor subject as part of a program at the Faculty of Science, the Faculty of Arts or the Faculty of Theology.  
Details can be found in the program descriptions for the relevant faculty.

Part-Time Studies: Part-time study is possible for students who are employed or who have care-giving obligations. The duration of the program is correspondingly longer.  
Further information is available from the academic service.

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

Bachelor of Law UZH (RVO21)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Law

### Description:

#### General description:

The double degree Master's program jointly undertaken with the partner fac offers students an opportunity to expand and further their knowledge of the Swiss legal system, of the legal system of the country of the partner faculty and of international law. It consists of the Master's degree progr the Faculty of Law and the study program at a partner faculty. At the Faculty of Law UZH students can choose between two study programs, each comprising 90 ECTS credits. A fixed total of 30 ECTS credits earned in coursework completed as part of the study program at the partner faculty will be transferred. Thus, modules amounting to 60 ECTS credits have to be completed at the Faculty of Law UZH. For full-time students, the double degree program lasts four semesters.

The study program Law provides the students with legal knowledge, the skills to analyze the legal system and the ability to reflect on the basic principles and content of legal normativity and jurisprudence. The students can choose a large part of the modules to be completed from the entire Master's program of the Faculty of Law. Thus offering students considerabl freedom to pursue their individual interests and to set individual emphases.

The program prepares and qualifies the students for work in science and research and equips them with the necessary skills to practice in the legal professions.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Study at one of the internationally renowned partner faculties within the framework of the double degree Master's programs promotes in-depth knowled international and comparative law and - depending on the location of the respective faculty - understanding of the characteristics of another legal system. These study programs are suitable for students who have a professional interest in in the field of internationally oriented law firms and companies or internationally active organizations and institutions (cf. also the general description of the degree program).

#### Further Study Options:

Following completion of a Master's program, it is possible to obtain addit qualifications as part of a general PhD or Faculty of Law doctorate program.

The Faculty of Law also offers various options for further education:

- LL.M. programs or CAS  
(<https://www.weiterbildung.uzh.ch/de/wbprogramme/fakultaet/rwf.html>)
- Diploma in Secondary School Teaching in Business and Law

All Master's programs at the Faculty of Law of the University of Zurich pa the way for the cantonal bar examinations.

### Requirements:

#### Further Study Options:

To participate in a double degree program, students must be matriculated either at the University of Zurich or at the relevant partner university as their home university. Students who successfully complete the application procedure at the Faculty of Law may participate in a double degree Master's program. To gai admission, students must also be admitted at the partner faculty. The relevant conditions for admission to the partner faculties can be found in the Information brochure Double Degree Master's Programs (<http://www.ius.uzh.ch/de/studies/master/double-degree/outgoings.html>).



Grading: Each module is concluded with a student assessment. Performance is graded on a scale from 1 to 6, with 6 denoting the highest and 1 the lowest grade. Half grades are permitted. A grade below 4 indicates insufficient performance. Performance can also be graded on a "pass" or "fail" basis. The grading regulations of partner faculties apply for grades issued by them.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

**Organization:**

Major/Minor-Combinations: The degree program does not provide a minor subject.

Part-Time Studies: Part-time study is not possible.

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

- Master of Law UZH (Double Degree King's College London, RVO21)
- Master of Law UZH (Double Degree University of Amsterdam, RVO21)
- Master of Law UZH (Double Degree UC Berkeley School of Law, RVO21)
- Master of Law UZH (Double Degree Université de Strasbourg, RVO21)
- Master of Law UZH (Double Degree University of Johannesburg, RVO21)
- Master of Law UZH (Double Degree Universiteit Maastricht, RVO21)
- Master of Law UZH (Double Degree University of Hong Kong, RVO21)
- Master of Law UZH (Double Degree Doshisha University, RVO21)
- Master of Law UZH (Double Degree YU Cardozo School of Law, RVO21)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 International and Comparative Law

### Description:

#### General description:

The double degree Master's program jointly undertaken with the partner fac offers students an opportunity to expand and further their knowledge of the Swiss legal system, of the legal system of the country of the relevant partner faculty and of international law. It consists of the Master's degree progr the Faculty of Law and the study program at a partner faculty. At the Faculty of Law UZH students can choose between two study programs, each comprising 90 ECTS credits. A fixed total of 30 ECTS credits earned in coursework completed as part of the study program at the partner fakulty will be transferred. Thus, modules amounting to 60 ECTS credits have to be completed at the Faculty of Law UZH. For full-time students, the double degree program lasts four semesters. The study program International and Comparative Law provides the students with legal knowledge, the skills to analyze the legal system and the ability to reflect on the basic principles and content of legal normativity and jurisprudence. It aims to provide students with deeper knowledge in different areas of international and comparative law. The program prepares and qualifies the students for work in science and research and equips them with the necessary skills to pursue legal careers in an international environment.

Main Language of Instruction: English

#### Career Prospects:

Study at one of the internationally renowned partner faculties within the framework of the double degree Master's programs promotes in-depth knowled international and comparative law and - depending on the location of the respective faculty - understanding of the characteristics of another legal system. These study programs are suitable for students who have a professional interest in in the field of internationally oriented law firms and companies or internationally active organizations and institutions (cf. also the general description of the degrees program).

#### Further Study Options:

Following completion of a Master's program, it is possible to obtain addit qualifications as part of a general PhD or Faculty of Law doctorate program.

The Faculty of Law also offers various options for further education:

- LL.M. programs or CAS  
(<https://www.weiterbildung.uzh.ch/de/wbprogramme/fakultaet/rwf.html>)
- Diploma in Secondary School Teaching in Business and Law

All Master's programs at the Faculty of Law of the University of Zurich pa the way for the cantonal bar examinations.

### Requirements:

#### Further Study Options:

To participate in a double degree program, students must be matriculated either at the University of Zurich or at the relevant partner university as their home university. Students who successfully complete the application procedure at the Faculty of Law may participate in a double degree Master's program. To gai admission, students must also be admitted at the partner faculty. The relevant conditions for admission to the partner faculties can be found in the Information brochure Double Degree Master's Programs (<http://www.ius.uzh.ch/de/studies/master/double-degree/outgoings.html>).

#### Grading:

Each module is concluded with a student assessment. Performance is graded on a scale from 1 to 6, with 6 denoting the highest and 1 the lowest grade. Half grades are permitted. A grade below 4 indicates insufficient performance. Performance can also be graded on a "pass" or "fail" basis. The grading regulations of partner faculties apply for grades issued by them.

#### Regulations:

<http://www.ius.uzh.ch/de/faculty/rsjur.html>



**Organization:**

Major/Minor-Combinations: The degree program does not provide a minor subject.

Part-Time Studies: Part-time study is not possible.

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

Master of Law UZH (Double Degree King's College London, RVO21)

Master of Law UZH (Double Degree University of Amsterdam, RVO21)

Master of Law UZH (Double Degree UC Berkeley School of Law, RVO21)

Master of Law UZH (Double Degree Université de Strasbourg, RVO21)

Master of Law UZH (Double Degree University of Johannesburg, RVO21)

Master of Law UZH (Double Degree Universiteit Maastricht, RVO21)

Master of Law UZH (Double Degree University of Hong Kong, RVO21)

Master of Law UZH (Double Degree Doshisha University, RVO21)

Master of Law UZH (Double Degree YU Cardozo School of Law, RVO21)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Notariatsstudienprogramm

### **Description:**

#### General description:

Das Notariatsprogramm dient zur Vorbereitung auf die Notariatsprüfung des Kantons Zürich und wird in Kooperation mit dem Obergericht des Kantons Zürich durch die Rechtswissenschaftliche Fakultät der Universität Zürich durchgeführt.

Es bietet Studierenden eine juristische Ausbildung mit Schwerpunkten im Notariats-, Grundbuch- und Konkurswesen im Hinblick auf den Erwerb des Wahlfähigkeitszeugnisses für Notarinnen und Notare des Kantons Zürich.

Main Language of Instruction: German

### **Requirements:**

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### **Organization:**

Major/Minor-Combinations: The notary program does not provide a minor subject.

Organization: Faculty of Law

Responsible Instructor: Ruth Arnet

Coordination:

### **Part of:**

Besonderer Studiengang zur Vorbereitung auf die Notariatsprüfung des Kantons Zürich





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Law

### Description:

#### General description:

The study program consists of Master's modules in legal science with a total of 30 ECTS credits and requires that legal science coursework with a total of at least 30 ECTS credits has already been completed at the Bachelor's level. When compiling their curriculum, students can choose from the core elective modules of the module group "Foundations of Law" as well as all elective modules of the Faculty of Law, so that they can expand their already existing legal competences in various fields of law and/or deepen them in individual areas.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

Das Studienprogramm setzt voraus, dass bereits auf Bachelorstufe rechtswissenschaftliche Studienleistungen im Umfang von mindestens 30 ECTS Credits erbracht wurden.

Branch of Study: Law

Grading: Jedes Modul wird mit einer Leistungsüberprüfung abgeschlossen. Die Benotung der Leistungen erfolgt auf einer Skala von 1 bis 6, wobei 6 die beste, 1 die schlechteste Note bezeichnet. Halbe Noten sind zulässig. Noten unter 4 stehen für ungenügende Leistungen. Leistungsnachweise können auch mit "bestanden" ("pass")/"nicht bestanden" ("fail") bewertet werden.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:

Organization: Faculty of Law

Academic Advisor: lic. iur. Antonella Serra, schriftliche Anfragen mittels Kontaktformular: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts UZH in Business and Economics (RVO22)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject 2 Additional Qualification in Vocational Education and Training

**Description:**

**Requirements:**

**Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

**Part of:**

Additional Qualification in Vocational Education and Training (BPZQ)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Inter-/Transdisciplinary Courses

### **Description:**

#### General description:

The School for Transdisciplinary Studies complements faculty programs of study, allowing students to contextualize and augment their specialized studies while expanding their personal networks. The School provides inter- and transdisciplinary courses from a variety of university-wide initiatives and providers, as well as courses designed to strengthen interdisciplinary skills. The inter- and transdisciplinary courses address future-oriented, cross-cutting topics and encourage reflection on inter- and transdisciplinarity. Additionally, in the Future Skills courses, transversal competences and methods are taught and reflected upon in a practically oriented manner.

<https://www.sts.uzh.ch/en/Students.html>

:

The School for Transdisciplinary Studies contributes to studies that empower students to best meet current and future challenges and to act as responsible, innovative shapers in a pluralistic society.

### **Requirements:**

#### **Organization:**

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

#### **Part of:**

School for Transdisciplinary Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 People-Oriented Computing

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in People-Oriented Computing. These are made up of compulsory modules, and core elective modules from the area of people-oriented computing.

Main Language of Instruction: German

#### Career Prospects:

The minor study program in People-Oriented Computing will complement your major and enable you to play a part in developing user-friendly software as well as employee-oriented and customer-oriented applications in companies across all industries. You will also be called upon to help companies understand and shape interactions between humans and computer-based systems and analyze their economic and social implications. Furthermore, there are additional career prospects in applications such as smart home technologies, digital aging solutions or online platforms for group interactions.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the compulsory or core elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Software Systems

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Software Systems. These are made up of compulsory modules and core elective modules from the area of informatics with a concentration in software systems.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Software Systems will complement your major and enable you to work in both the software industry and in the IT departments of all kinds of companies, where you will contribute to the design, development and evolution of software systems. This will enable you to tackle the challenges of distributed, mobile and adaptive systems, which communicate with each other from anywhere and at any time, and to work with large distributed databases.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the compulsory or core elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Science UZH in Informatics (RVO22)



## **Course Catalog Spring Semester 2025**

Printing date: Feb 17, 2025

Link:

Teaching Subject Digital Humanities

**Description:**

**Requirements:**

**Organization:**

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

**Part of:**

School for Transdisciplinary Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Working with Data

**Description:**

**Requirements:**

**Organization:**

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

**Part of:**

School for Transdisciplinary Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Information Systems for OEC

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Information Systems for OEC. These are made up of compulsory modules and modules from the elective area of informatics and information systems.

Main Language of Instruction: German

#### Career Prospects:

The minor study program in Information Systems will give you the basic principles you need to work at the juncture between business and informatics, where you will plan, test and direct the use of IT systems; consult on technical and organizational issues; or function as a methodically trained specialist.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS credits to be earned from the compulsory, core elective and elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 People-Oriented Computing for OEC

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in People-Oriented Computing for OEC. These are made up of compulsory modules and modules from the elective area of informatics with a concentration in people-oriented computing.

Main Language of Instruction: German

#### Career Prospects:

The minor study program in People-Oriented Computing will complement your major and enable you to play a part in developing user-friendly software as well as employee-oriented and customer-oriented applications in companies across all industries. You will also be called upon to help companies understand and shape interactions between humans and computer-based systems and analyze their economic and social implications. Furthermore, there are additional career prospects in applications such as smart home technologies, digital aging solutions or online platforms for group interactions.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS credits to be earned from the compulsory, core elective and elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Informatics

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Informatics.

These are made up of compulsory modules, and elective modules from the area of informatics.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Informatics will add an IT component to your major study program. You will acquire the necessary skills in your area of specialization to ascertain and analyze informatics requirements in conjunction with users and customers, design informatics solutions, test and implement informatics systems, and consult on technology and application issues. The spectrum of potential employers ranges from major companies to small firms.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: 30 ECTS credits to be earned from the compulsory, core elective and elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Information Systems

### Description:

#### General description:

Bachelor's programs aim to provide a basic academic education with a broad scope of methodology and content. They usually last six semesters and require students to earn 180 ECTS credits. These are made up of a major study program (150 ECTS credits) and a minor study program (30 ECTS credits).

The major study program is made up of an assessment level and an advanced level. The assessment level (60 ECTS credits) covers the basics of informatics, business and economics, mathematics, and statistics, while the general compulsory program at the advanced level focuses on key topics in informatics as well as teaching the basics of scientific methods. At the same time, students begin studying specific fields. It is required to complete compulsory modules and elective modules from the areas of information systems and business administration. The study program culminates in a Bachelor's thesis comprising 18 ECTS credits.

:

Bachelor's degree programs aim to provide a basic academic education with broad scope of methodology and content. The Bachelor's degree enables grad to pursue a career or further studies at Master's level at our Faculty or another university.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

As an information systems specialist, you will have excellent career prospects at the juncture between business and informatics: you will work in business and administration where, as a business analyst for example, you will plan, test and direct the use of IT systems; consult on technical and organizational issues; help to shape corporate IT departments; or function as a methodically trained specialist. By completing a Bachelor's degree, you will also be qualified to undertake further study at Master's level.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: Assessment level conveying the basics: 60 ECTS credits Advanced level: 90 ECTS credits, including a Bachelor's thesis comprising ECTS credits  
Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/> Normal period of study: six semesters  
Title awarded upon graduation: Bachelor of Science UZH in Informatik (corresponds to Bachelor of Science UZH in Informatics)



Major/Minor-Combinations: In addition to the major study program comprising 150 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Software Systems

### Description:

#### General description:

Bachelor's programs aim to provide a basic academic education with a broad scope of methodology and content. They usually last six semesters and require students to earn 180 ECTS credits. These are made up of a major study program (150 ECTS credits) and a minor study program (30 ECTS credits).

The major study program is made up of an assessment level and an advanced level. The assessment level (60 ECTS credits) covers the basics of informatics, business and economics, mathematics, and statistics, while the general compulsory program at the advanced level focuses on key topics in informatics as well as teaching the basics of scientific methods. At the same time, students begin studying specific fields. It is required to complete compulsory modules and elective modules in software-related subjects within informatics.

The study program culminates in a Bachelor's thesis comprising 18 ECTS cre

:

Bachelor's degree programs aim to provide a basic academic education with broad scope of methodology and content. The Bachelor's degree enables grad to pursue a career or further studies at Master's level at our Faculty or another university.

Main Language of German

Instruction:

#### Career Prospects:

Graduates of the major study program in Software Systems are in demand in both the software industry and in the IT departments of all kinds of companies, where they contribute to the design, development and evolution of software systems in the role of software engineer. This will enable you to tackle the challenges of distributed, mobile and adaptive systems, which communicate with each other from anywhere and at any time, and to work with large distributed databases. By completing a Bachelor's degree, you will also be qualified t undertake further study at Master's level.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Servic accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: Assessment level conveying the basics: 60 ECTS credits Advanced level: 90 ECTS credits, including a Bachelor's thesis comprising ECTS credits  
Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/> Normal period of study: six semesters  
Title awarded upon graduation: Bachelor of Science UZH in Informatik (corresponds to Bachelor of Science UZH in Informatics)



Major/Minor-Combinations: In addition to the major study program comprising 150 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Informatics with Natural Sciences

### Description:

#### General description:

Bachelor's programs aim to provide a basic academic education with a broad scope of methodology and content. They usually last six semesters and require students to earn 180 ECTS credits. These are made up of a major study program in Informatics with Natural Sciences (120 ECTS credits) that is supplemented by a minor study program (60 ECTS credits) offered by the Faculty of Science.

The major study program is made up of an assessment level and an advanced level. The assessment level (60 ECTS credits) covers the basics of informatics, business and economics, mathematics, and statistics, while the general compulsory program at the advanced level focuses on key topics in informatics as well as teaching the basics of scientific methods. At the same time, students begin studying specific fields. The study program culminates in a Bachelor's thesis comprising 18 ECTS credits.

:  
Bachelor's degree programs aim to provide a basic academic education with broad scope of methodology and content. The Bachelor's degree enables grad to pursue a career or further studies at Master's level at our Faculty or another university.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Thanks to their interdisciplinary education, graduates of the Informatics with Natural Sciences program are in demand as specialists, particularly at the juncture between their scientific minor and informatics, but also in general in informatics projects concerning the processing of large quantities of complex data. Alternatively, when combined with teacher education, you will be able to teach informatics as your main and a scientific subject as your secondary subject. By completing a Bachelor's degree, you will be qualified to under further study at Master's level.

### Requirements:

:  
Admission to a Bachelor's degree program is granted via UZH Student Servic accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Informatics, Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:

Program Structure: Assessment level conveying the basics: 60 ECTS credits Advanced level: 42 ECTS credits, including a Bachelor's thesis comprising ECTS credits  
Complemented by a minor program comprising 60 ECTS credits from the UZH Faculty of Science  
Normal period of study: six semesters  
Title awarded upon graduation: Bachelor of Science UZH in Informatik (corresponds to Bachelor of Science UZH in Informatics)



Major/Minor-Combinations: In addition to the major study program comprising 120 ECTS credits, a minor study program comprising 60 ECTS credits is selected from the Faculty of Science at UZH.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

**Part of:**

Bachelor of Science UZH in Informatics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Information Systems

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Information Systems. These are made up of compulsory modules and core elective modules from the areas of information systems.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Information Systems will complement your major and enable you to work at the juncture between business and informatics. In the role of business analyst, for example, you will plan, test and direct the use of IT systems; consult on technical and organizational issues; or function as a methodically trained specialist.

### Requirements:

:

Admission to a Bachelor's degree program is granted via UZH Student Service accordance with the ordinance on admission to studies at the University of Zurich. <https://www.uzh.ch/en/studies/application/bachelor.html>

Branch of Study: Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the compulsory or core elective areas of the selected minor program according to the regulations: <http://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in the current program regulations of the Faculty of Business, Economics and Informatics.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Economics

### Description:

#### General description:

The minor study program in Economics requires students to earn 30 ECTS credits from the core elective areas of Macroeconomics, Microeconomics, and Empirical Economic Research and Econometrics.

Main Language of Instruction: English

#### Career Prospects:

By specializing with the minor study program in Economics, you will acquire analytical and empirical knowledge which will complement or expand upon your chosen major and will be of huge benefit in all kinds of economic careers, including in consulting firms, financial management, economic media, central banks and international organizations.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Economics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Ulrich Woitek

Coordination: Sonja Verel

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Business Administration

### **Description:**

#### General description:

Students must earn 30 ECTS credits in the minor study program in Business Administration. These are made up of compulsory modules as well as core elective modules in Accounting, Auditing and Governance, Corporate Finance and Banking, Organization and Human Resources, Marketing, Business Policy and Governance, and Management Science.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

The minor study program in Business Administration will open lots of doors for you: Knowledge of business administration will complement your chosen major and is in demand and of huge benefit in specialized or management roles in all kinds of careers and industries.

### **Requirements:**

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision is based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <http://www.oec.uzh.ch/en/master-admission>

Branch of Study: Business Administration

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### **Organization:**

Program Structure: 30 ECTS credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Egon-Peter Franck

Coordination: Jasmin De Clercq

### **Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Banking and Finance

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Banking and Finance. These are made up of compulsory modules and core elective modules in Banking, Corporate Finance, Financial Economics and Quantitative Finance.

Main Language of Instruction: English

#### Career Prospects:

Specializing with the minor study program in Banking and Finance offers excellent prerequisites for embarking on a career in all kinds of roles in the field of finance. The knowledge acquired is in demand for roles in banks, consulting firms, insurance companies, financial departments of industrial enterprises and the public sector.

### Requirements:

:

All minor programs in Business and Economics at Master's level build on the knowledge gained from the common compulsory program completed during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Students are expected to acquire any knowledge they are lacking through independent study. Information on the common compulsory program's contents available in the UZH course catalogue.

Branch of Study: Finance

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Per Östberg

Coordination: Benjamin Wilding

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Informatics

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Informatics.

These are made up of modules from the minor area in informatics and from the elective area of informatics.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in Informatics will expand upon the basic knowledge of informatics gained during your Bachelor's studies and will add an IT compo to your major study program. You will acquire the necessary skills in your area of specialization to ascertain and analyze informatics requirements in conjunction with users and customers, design informatics solutions, test and implement informatics systems, and consult on technology and application issues. The spectrum of potential employers ranges from major companies to small firms.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must meet the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. [http://www.oec.uzh.ch/admission-master\\_en](http://www.oec.uzh.ch/admission-master_en)

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations> In the Minor area: Informatics (INF), modules are offered only in HS (Fall Semester).

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Data Science

### Description:

#### General description:

Students must earn 30 ECTS credits in the minor study program in Data Science. These are made up of compulsory modules, core elective and elective modules.

Main Language of Instruction: English

#### Career Prospects:

The minor study program in Data Science will add a data science component to your major study program. You will acquire the necessary skills in your area of specialization to analyze large quantities of data in a targeted manner - for example, in order to identify and evaluate regularities or anomalies and create the basis for decision-making. With these skills, you will be in particularly high demand as a specialist in your main field of study; for example, as a data analyst or consultant. The spectrum of potential employers ranges from major companies in the service sector and international IT companies to specialized small firms.

### Requirements:

:

The minor program in Data Science builds on the knowledge gained during the Bachelor's program at the UZH Faculty of Business, Economics and Informatics. Particularly noteworthy is the programming language Python (or equivalent; introduction to programming). Students are expected to acquire any knowledge they are lacking through independent study or completion of the following Bachelor's modules: Datenorientierte Programmierung (Data-Oriented Programming) and Statistik (Statistics). Students from other faculties may have to fulfill additional requirements.

Branch of Study: Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### Organization:

Program Structure: 30 ECTS credits to be earned from the selected minor program according to the regulations: <https://www.oec.uzh.ch/en/regulations>

Major/Minor-Combinations: This minor study program can be combined with a major study program in accordance with the provisions set out in your program.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor: Michael Hanspeter Böhlen

Coordination: Daniela Bärtschi

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)





**Universität  
Zürich**<sup>UZH</sup>

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Teaching Subject Open Science

**Description:**

**Requirements:**

**Organization:**

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

**Part of:**

School for Transdisciplinary Studies



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Computational Science

### Description:

#### General description:

The minor study program Computational Science (30 ECTS credits) is transdisciplinary. In addition to the basics subject of computer science students can make up their own transdisciplinary paths, choosing among data analysis for natural sciences or simulations in natural sciences.

:

Graduates from the minor study program in Computational Science (30 ECTS credits) are able to write computer programs of moderate complexity in a higher programming language, and use these programs, for instance, to analyze data sets and/or to simulate models in the Natural Sciences.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: In the minor study program Computational Science (30 ECTS Credits) one of the following scopes has to be chosen:

-Data Analysis for Natural Sciences

-Simulations in the Natural Sciences

Organization: Faculty of Science

Academic Advisor: stadel@physik.uzh.ch

Responsible Instructor: Joachim Gerhard Stadel

Coordination:

### Part of:

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Computational Science

### Description:

#### General description:

The minor study program Computational Science (30 ECTS credits) is transdisciplinary. In addition to the basics subject of computer science students can make up their own transdisciplinary paths, choosing among data analysis for natural sciences or simulations in natural sciences.

:  
Graduates from the minor study program in Computational Science (30 ECTS credits) are able to write computer programs of moderate complexity in a higher programming language, and use these programs, for instance, to analyze data sets and/or to simulate models in the Natural Sciences.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: In the minor study program Computational Science (30 ECTS Credits) one of the following scopes has to be chosen:

-Data Analysis for Natural Sciences

-Simulations in the Natural Sciences

Organization: Faculty of Science

Academic Advisor: stadel@physik.uzh.ch,

douglas.potter@uzh.ch

Responsible Instructor: Joachim Gerhard Stadel

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Computational Science

### Description:

#### General description:

The minor study program Computational Science (30 ECTS credits) is transdisciplinary. In addition to the basics subject of computer science students can make up their own transdisciplinary paths, choosing among data analysis for natural sciences or simulations in natural sciences.

:  
Graduates from the minor study program in Computational Science (30 ECTS credits) are able to write computer programs of moderate complexity in a higher programming language, and use these programs, for instance, to analyze data sets and/or to simulate models in the Natural Sciences.

Main Language of Instruction: English

Further Languages of Instruction: German

### Requirements:

:  
The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bologna guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: In the minor study program Computational Science (30 ECTS Credits) one of the following scopes has to be chosen:

-Data Analysis for Natural Sciences

-Simulations in the Natural Sciences

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

douglas.potter@uzh.ch



**Universität  
Zürich<sup>UZH</sup>**

Responsible Instructor: Joachim Gerhard Stadel

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Interdisciplinary Brain Sciences

### Description:

#### General description:

The Joint-Degree Master of Science UZH ETH in Interdisciplinary Brain Sciences is a joint program offered by the Faculty of Science (MNF), University of Zurich and by the Department of Health Sciences and Technology (D-HEST), ETH Zurich. It is devoted to the following three main areas: Brain Biology; Systems, Computation and Neural Technology; Translational, Clinical and Cognitive Neuroscience. Students are required to complete an internship of eight weeks in a company or a clinic. The master thesis involves independent research carried out in one of the laboratories associated with the Interdisciplinary Brain Sciences program. Core elective modules are selected from each of the three main areas.

:

The MSc IDB provides trans-disciplinary knowledge and skills covering the broad spectrum of neuroscience research, and prepares researchers for their first years of independent research in academia or industry.

The program focuses particularly on laboratory practice. Interactive and collaborative learning is prevalent. The strong practical component of the program ensures that students become familiar with the wide range of measurement and working methods in neuroscience and apply a selection of these in depth in the Master's thesis project. This will be complemented by an internship in a company or clinic.

Students will be trained and mentored in the following areas:

Molecular and Cellular Neuroscience  
Neurogenomics/proteomics  
Neuroimmunology  
Neural Imaging and Connectivity  
Brain Systems and Circuits  
Deep Learning and Neural Technologies  
Animal models and Behavioral Sciences  
Clinical Methods and Therapies  
Experimental Psychology  
Neuroeconomics  
Ethics

The training covers how to: conduct independent scientific research and complete a research project (i.e. identify, formulate and discuss research questions; formulate research conclusions and suggestions for future study; design methodological approaches to answering research questions); collect and critically analyze the validity and reliability of the data and methods of research studies; apply theoretical approaches in an appropriate way to problems in neuroscience research; communicate results to a scientific audience in talks and written reports.

Main Language of Instruction: English

### Requirements:

:

The MSc IDB is open to students with a Bachelor's degree in the following disciplines: neurosciences, biology, biomedicine, biochemistry, biotechnology, health sciences, electrical engineering, engineering, physics, pharmacy, computer sciences, psychology, chemistry, or mathematics. It is committed to the ALBA declaration for equity and inclusion.

Further information:

<https://www.neuroscience.uzh.ch/en/Master-Studies/Admission.html>



The master's study-program in Interdisciplinary Brain Sciences is a special study program that is carried out jointly by the University of Zurich and the ETH Zurich.

Further information:

<https://www.neuroscience.uzh.ch/en/Master-Studies.html>

**Organization:**

Organization: Faculty of Science

Academic Advisor: Dr. Sophie Masneuf  
sophie.masneuf@neuroscience.uzh.ch

Responsible Instructor: Theofanis Karayannis

Coordination: Sophie Leslie Masneuf

**Part of:**

Joint Degree Master of Science UZH ETH in Interdisciplinary Brain Sciences





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Information Systems (Fast Track)

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in Information Systems are compulsory and core elective modules in the areas of information systems plus a Master&apo project. Rounding off the program are elective modules drawn from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. At least 10 ECTS credits must be acquired from the Doctoral level. A Master's thesis comprising 30 ECTS credits is the fi element of the program.Program Outcomes.

:

Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of English

Instruction:

#### Career Prospects:

As an information systems specialist with a Master's degree, you will have excellent career prospects at the juncture between business and informatics: you will work in demanding roles in business and administration where, as a business analyst for example, you will plan, test and direct the use of IT systems; consult on technical and organizational issues; manage corporate IT departments; create IT-based innovations and business models; or function as a methodically trained specialist. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics, Business Informatics

Grading: Alle Leistungsnachweise werden benotet oder mit "bestanden" oder "nicht bestanden" bewertet.  
Für benotete Leistungsnachweise werden Noten von 1 bis 6 vergeben, wobei 6 die höchste und 1 die geringste Leistung bezeichnet. Note 4 oder höher ist genügend.  
Halb- und Viertelnoten sind zulässig.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

**Part of:**

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Software Systems (Fast Track)

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in Software Systems are compulsory and core elective modules in software systems plus a Master's project. Roundin the program are elective modules drawn from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. At least 10 ECTS credits must be acquired from the Doctoral level. A Master's thesis comprising 30 ECTS credits is the final element of the pro

:

Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies suitable candidates, continuing their academic career in a Doctoral program.

Main Language of English

Instruction:

#### Career Prospects:

With the in-depth knowledge gained during the Master's study program in Software Systems, you will be in demand in both the software industry and in the IT departments of all kinds of companies, where you will be assigned demanding tasks in roles such as software engineer, app developer, chief information officer - or you launch a startup. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics, Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

**Part of:**

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 People-Oriented Computing (Fast Track)

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in People-Oriented Computing are compulsory and core elective modules in the areas of people-oriented computing plus a Master's project. Rounding off the program are elective modules dra from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. At least 10 ECTS credits must be acquired from the Doctoral level. A Master's thesis compri 30 ECTS credits is the final element of the program.

:

Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of English

Instruction:

#### Career Prospects:

With a Master's degree in People-Oriented Computing, you will be in demand specialist in companies across all industries, where you will develop sophisticated, user-friendly software. Furthermore, the in-depth knowledge gained during the Master's study program will enable you to take on demand tasks in roles such as project manager, interaction architect, analyst or consultant in any field involving the people-oriented design of information technologies and their effects on business and society. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics, Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

**Organization:**



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

**Part of:**

Master of Science UZH in Informatics (PVO08)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Data Science (Fast Track)

### Description:

#### General description:

Master's programs provide an advanced academic education and allow student complete independent academic and project-based work. 120 ECTS credits must be completed, consisting of a major study program (90 ECTS credits) and a minor study program (30 ECTS credits).

At the heart of the major study program in Data Science are compulsory and core elective modules in data science plus a Master's project. Rounding off the program are elective modules drawn from all the areas taught by the Faculty of Business, Economics and Informatics, designed to give you a deeper level of knowledge. At least 10 ECTS credits must be acquired from the Doctoral level. A Master's thesis comprising 30 ECTS credits is the final element of the pro

:

Master's degree programs provide students with an advanced academic educat and allow them to shape their own profiles. The Master's degree qualifies graduates for demanding activities, such as starting a professional career or, for suitable candidates, continuing their academic career in a Doctoral program.

Main Language of Instruction: English

#### Career Prospects:

With a Master's degree in Data Science, you will be one of the few informa specialists in Switzerland who specialize particularly in analyzing and processing data - a field with a huge amount of potential for the future. The spectrum of potential employers ranges from major companies in the service sector and international IT companies to specialized small firms. Moreover, graduates with the right aptitude have the opportunity to complete a doctorate, an outstanding foundation for an academic career.

### Requirements:

:

In order to be admitted to a Master's degree program, an applicant must me the requirements set out in the ordinance on admission to studies at the University of Zurich. Student Services review the application in this regard.

The Faculty will then subject the application documents to a specialized academic review and determine the applicant's level of study. The decision based on an evaluation of the curriculum of the program of studies completed, as well as other documents. <https://www.oec.uzh.ch/en/admission-master>

Branch of Study: Informatics, Business Informatics

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

Regulations: <https://www.oec.uzh.ch/en/studies/general/regulations.html>

### Organization:



Program Structure:

- 60 ECTS credits to be earned from a compulsory area, a core elective area, an elective area and a Master's project
- Master's thesis comprising 30 ECTS credits
- Complemented by a minor program of choice comprising 30 ECTS credits and selected from the current programs on offer: <https://www.degrees.uzh.ch/en/>
- Normal period of study: four semesters
- Title awarded upon graduation: Master of Science UZH in Informatik (corresponds to Master of Science UZH in Informatics)

Major/Minor-Combinations: In addition to the major study program comprising 90 ECTS credits, a minor study program comprising 30 ECTS credits is selected from the Faculty or from other UZH faculties.

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <https://www.oec.uzh.ch/en/studies/student-life/advising.html>

Responsible Instructor:

Coordination:

**Part of:**

Master of Science UZH in Informatics (PVO08)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Science Education

### **Description:**

#### General description:

The Joint Degree Master's programme in Science Education by the Zurich University of Teacher Education (PHZH), the University of Zurich (UZH) and the Federal Institute of Technology (ETH Zurich) is a specialized Master's degree programme requiring 90 ECTS credits that are studied part-time. In this Master's degree programme, students explore questions and problems of science education in all science school subjects. They acquire in-depth knowledge and skills in subject-specific teaching and research, enabling them to teach and conduct research at universities of teacher education in the field of science education.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Master of Arts PHZH UZH ETH in Science Education



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Teaching German

### **Description:**

#### General description:

The Joint Degree Master's programme in Teaching German by the Zurich University of Teacher Education (PHZH) and the University of Zurich (UZH) is a specialized Master's degree programme requiring 90 ECTS credits that are studied part-time. In this Master's degree programme, students explore questions and problems of teaching German as a school subject. They acquire in-depth knowledge and skills in subject-specific teaching and research, enabling them to teach and conduct research at universities of teacher education in the field of teaching German.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Master of Arts PHZH UZH in Teaching German



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Fachdidaktik Medien und Informatik

### **Description:**

#### General description:

Die rasanten Entwicklungen im Rahmen der Medialisierung und Digitalisierung prägen unsere Gesellschaft entscheidend. Das Verständnis und den adäquaten Umgang mit diesen Technologien zu vermitteln und die bewusste Einschätzung der damit verbundenen Chancen und Herausforderungen zu fördern, gehört verstärkt zum Bildungsauftrag. Der Studiengang in Fachdidaktik Medien und Informatik vermittelt Ihnen aktuelles Wissen zum Lehren und Lernen von kommunikations- und medienwissenschaftlichen und informatischen Phänomenen und zur Erforschung dieser Vermittlungsprozesse. Mit dem Masterabschluss in Fachdidaktik Medien und Informatik gestalten Sie als Dozierende, Forschende oder Beratende ein dynamisches Feld mit, das in unserer Gesellschaft zunehmend an Relevanz gewinnt. Der Joint Degree Masterstudiengang wird von der Pädagogischen Hochschule Schwyz, der Universität Zürich, der Pädagogischen Hochschule Luzern und der Hochschule Luzern gemeinsam angeboten.

### **Requirements:**

#### **Organization:**

Organization: Department of Communication and Media Research

Responsible Instructor:

Coordination:

#### **Part of:**

Joint Degree Masterstudiengang in Fachdidaktik Medien und Informatik (PHSZ UZH PH Luzern HSLU)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Biology

### Description:

#### General description:

A minor study program in Biology (30 ECTS credits) provides students with basics in Natural Sciences, knowledge in several research areas of Biology and the ability to understand and tackle the most important biological questions.

:

Graduates from the minor study program in Biology (30 ECTS credits) are able to

- use their understanding of current research in Biology as well as their fundamental knowledge of a selection of foundational subjects such as Mathematics, Physics, Chemistry and Biochemistry to understand questions in Biology.
- recognize, describe and explain particular biological concepts and phenomena.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program in Biology (30 ECTS credits) provides students with basics in Natural Sciences, knowledge in several research areas of Biology and the ability to understand and tackle the most important biological questions.

Organization: Faculty of Science

Academic Advisor: PD Dr. Karin Isler, karin.isler@biol.uzh.ch

Responsible Instructor: Konrad Basler

Coordination: Karin Isler

### Part of:

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biology

### Description:

#### General description:

A minor study program in Biology (60 ECTS credits) provides students with basics in Natural Sciences, knowledge in several research areas of Biology and the ability to understand and tackle the most important biological questions.

:

Graduates from the minor study program in Biology (60 ECTS credits) are able to

- use their understanding of current research in Biology as well as their fundamental knowledge of a selection of foundational subjects such as Mathematics, Physics, Chemistry and Biochemistry to understand and answer questions in Biology.
- recognize, describe and explain the most important biological concepts and phenomena.
- find, summarize and critically evaluate information from the primary and secondary literature.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Further Study Options:

Der Abschluss des Bachelorstudiums berechtigt ohne weitere Bedingungen zum Weiterstudium auf Masterstufe in der selben Studienrichtung. Im Falle eines Wechsels der Studienrichtung kann die Fakultät vor der Aufnahme des Masterstudiums den Nachweis zusätzlicher Kompetenzen verlangen. Dasselbe gilt für den Eintritt in spezialisierte Masterprogramme.

Einzelheiten sind in der der Rahmenverordnung bzw. der Studienordnung festgelegt.

### Requirements:

#### Further Study Options:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: A minor study program Biology (60 ECTS credits) provides students with basics in Natural Sciences, knowledge in several research areas of Biology and the ability to understand and tackle the most important biological questions.

Organization: Faculty of Science

Academic Advisor: karin.isler@biol.uzh.ch

Responsible Instructor: Konrad Basler

Coordination: Karin Isler



**Part of:**

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Biomedicine

### Description:

#### General description:

A minor study program in Biomedicine (60 ECTS credits) teaches the relevant basic principles in chemistry, physics, biology and biochemistry as well as the anatomy, physiology and diseases of the human body.

:

Graduates from the minor study program (60 ECTS credits) Biomedicine are able to

- apply their foundational knowledge of fundamental subjects such as Physics, Chemistry, Biochemistry, Biology, Anatomy and Physiology to address biomedical questions.
- recognize, describe and explain important biomedical concepts and phenomena.
- find, summarize and critically evaluate information using the primary and secondary literature.
- effectively communicate scientific hypotheses and results in written and oral form.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

Branch of Study: Biochemistry, Biology, Biomedical sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The Minor Study Program in Biomedicine (60 ECTS credits) teaches in the basic studies the relevant principles in chemistry, physics and biochemistry, in genetics and cell biology as well as anatomy and physiology of the human body. In the advanced studies, the molecular and cellular reasons, processes and treatments of important human diseases were taught. There are no practical courses and research projects in the Minor Study Program.

Organization: Faculty of Science

Academic Advisor: Dr. Sabine Jacob, biomedizin@physiol.uzh.ch

Responsible Instructor: Lubor Borsig

Coordination: Sabine Jacob Sempach

### Part of:

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)





**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Biomedical Ethics and Law/Medical Track

### Description:

#### General description:

The PhD program Biomedical Ethics and Law is designed to expand students' understanding of global issues in biomedical ethics and law. Participants in the program acquire the methodological skills necessary for dealing with the ethical and legal dilemmas that arise in biomedicine and health care. The program provides the intellectual environment as well as the necessary guidance to enable PhD candidates to design and implement their own research project. The program furthermore offers opportunities for PhD candidates to interact with a network of experts in the field of biomedical ethics and law.

Main Language of Instruction: English

### Requirements:

Das Doktoratsprogramm ist offen für Bewerberinnen und Bewerber aus dem In- und Ausland, die sich als akademisch exzellent erwiesen haben und ein starkes Interesse an Biomedizinischer Ethik zeigen. Auch Medizinstudierende, welche an der Universität Zürich sind, können sich um eine vorläufige Aufnahme ins Programm bewerben.

Kandidatinnen und Kandidaten müssen folgende Zulassungsvoraussetzungen erfüllen:

1. Über einen universitären Master (in Medizin oder einem anderen Fach) oder einen äquivalenten akademischen Grad verfügen,
2. Drei Jahre Medizinstudium absolviert oder den Grad eines Bachelor of Medicine erworben haben, um gemäss Ziffer 3.2 über die MMed/PhD-Option vorläufig in das Programm aufgenommen werden zu können,
3. Ihre akademische Exzellenz unter Beweis gestellt haben (etwa in Form von akademischen Zeugnissen, Auszeichnungen, Stipendien oder Publikationen)
4. Motivation und Engagement für ihre Forschungsinteressen zeigen,
5. Über sehr gute Englisch-Kenntnisse verfügen

-----MD/PhD, MMed/PhD Option

-----Das Doktoratsprogramm Biomedical Ethics and Law kann Medizinstudierende für die Option eines kombinierten MMed/PhD zulassen.

Medizinstudierende mit einem Interesse an Biomedizinischer Ethik erhalten zu einem frühen Zeitpunkt im Studium eine allgemeine Orientierung bezüglich der MMed/PhD-Option. Sie können sich im Laufe des dritten Studienjahres für das Programm bewerben. Die Zulassung ab dem vierten Studienjahr bzw. nach dem Erwerb des Bachelor of Medicine ist vorläufig, die definitive Aufnahme in das Programm erfolgt mit dem erfolgreichen Abschluss des Medizinstudiums (Master). Studierende, die vorläufig in das Doktoratsprogramm aufgenommen worden sind, können bereits während der Masterstufe einen Teil des Lehrangebots belegen und ein Thema der Biomedizinischen Ethik zum Gegenstand ihrer MMed-Arbeit machen und sich somit nach Abschluss der Masterstufe auf ihre Dissertation sowie die Promotionsprüfung konzentrieren.

### Organization:

Organization: Faculty of Medicine

Responsible Instructor:

Coordination:

### Part of:

Doctorate Medical Sciences (PromVO 22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Care and Rehabilitation Sciences

### **Description:**

#### General description:

The doctoral program "Care and Rehabilitation Sciences" offers a university postgraduate qualification opportunity in the field of research for health professions regulated by the Health Professions Act (GesBG). It promotes high-quality research to be carried out at the level of patients and at the level of the health care system and offers a structured postgraduate training in the fundamentals and methods of research.

In the doctoral program "Care and Rehabilitation Sciences" the focus lies on research with people with or without health issues in the areas of prevention, clinical (outpatient or inpatient) treatment and rehabilitation, and on applied studies grounded on basic research for the development and improvement of interventions and treatments.

### **Requirements:**

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The doctoral program "Care and Rehabilitation Sciences" offers a university postgraduate qualification opportunity in the field of research for health professions regulated by the Health Professions Act (GesBG). It promotes high-quality research to be carried out at the level of patients and at the level of the health care system and offers a structured postgraduate training in the fundamentals and methods of research.

In the doctoral program "Care and Rehabilitation Sciences" the focus lies on research with people with or without health issues in the areas of prevention, clinical (outpatient or inpatient) treatment and rehabilitation, and on applied studies grounded on basic research for the development and improvement of interventions and treatments.

### **Organization:**

Organization: Faculty of Medicine

Responsible Instructor:

Coordination:

### **Part of:**

Doctorate Medical Sciences (PromVO 22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Clinical Science

### **Description:**

#### General description:

The doctoral program Clinical Science, which focuses on research with healthy or diseased people in a clinical setting, has been established to open a university postgraduate qualification in the field of clinical research. It enables high-quality patient-oriented research and offers a structured postgraduate education in the methods of clinical research. In the curricular part, doctoral students acquire expertise in the development of scientific questions and methodological expertise in the planning, execution and analysis of clinical studies. The doctoral program is internationally oriented and offers doctoral students the opportunity to get in touch with experts in the fields of clinical research, epidemiology and biostatistics, medical technology, and clinical medicine.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Medicine

Responsible Instructor:

Coordination:

#### **Part of:**

Doctorate Medical Sciences (PromVO 22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 German Literature: Theory – Analysis – Transfer

### **Description:**

#### General description:

The major in German Literature: Theory - Analysis - Transfer is at the interface between academic literary studies and the practices of cultural institutions. The program systematically combines philological reflection with contemporary relevance and practice in public forms of communications and digital and multimedia teaching and learning. Besides a clearly defined practical approach, the major schools a critical, theory-driven approach to the actuality of literary events. Those who complete the program are equipped to reflect on and conceive forms of transfer of content related to literature and cultural studies, and to analyze in depth contemporary culture on the basis of poetic, aesthetic, and rhetorical theory building. Moreover, they can gain their first practical experience in possible professional fields.

Main Language of Instruction: German

### **Requirements:**

Branch of Study: German Language and Literature

### **Organization:**

Organization: Department of German and Scandinavian Studies

Academic Advisor: studienprogrammberatung-DSL@ds.uzh.ch

Responsible Instructor:

Coordination: Charlotte Schweri Litscher

### **Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Ecology

### **Description:**

#### General description:

The major study program in Biology with concentration in Ecology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Ecology or related fields. Components: The course work comprises block courses and special lectures in Ecology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Ecology including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge all them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiolgy and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Facul Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can requir fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.



Branch of Study: Biology, Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Ecology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Ecology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Systematics and Evolution

### **Description:**

#### General description:

The major study program in Biology with concentration in Systematics and Evolution (90 ECTS credits) at Master's level provides students with a deep research based education and the capability to carry out independent scientific work in Systematics and Evolution or related fields. Components: The course work comprises block courses and special lectures in Systematics and Evolution (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Systematics and Evolution, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

:  
Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

Main Language of Instruction: English

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to





assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Systematics and Evolution (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Systematics and Evolution, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:  
PD Dr. Karin Isler: studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Ecology

### Description:

#### General description:

The single major study program in Biology with concentration in Ecology (90 ECTS credits) at Master's level provides students with a deeper research based education and the capability to carry out independent scientific work in Ecology or related fields. Components: The course work comprises block courses and special lectures in Ecology (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Ecology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

:

Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's program, teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

The degree courses of biology at the University of Zurich qualify graduates to find work in not only specific biological or educational professions.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### Requirements:

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require the fulfillment of conditions or additional requirements in form of evidence of



academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology, Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The course work comprises block courses and special lectures in Ecology (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Ecology, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits). -

special notes

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor:

PD Dr. Karin Isler: studienkoordination.biologie@uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Concentration Systematics and Evolution

### **Description:**

#### General description:

The single major study program in Biology with concentration in Systematics and Evolution (90 ECTS credits) at Master's level provides students with a deep research based education and the capability to carry out independent scientific work in Systematics and Evolution or related fields. Components: The course work comprises block courses and special lectures in Systematics and Evolution (16 ECTS credits), and elective modules (4 ECTS credits). The core components are the Master's research project in Systematics and Evolution, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

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Master's graduates have skills in scientific research. Their knowledge allows them to understand complex biological systems. They recognize relevant problems in Biology and are able to plan and conduct experiments using a variety of techniques to address these problems. Their ability to adapt technical procedures to specific scientific problems allows them to expand their problem solving skills. The ability to work exactly and treat precious materials, instruments and organisms carefully is particularly important. Working with organisms requires students to apply their ethical responsibilities.

The master's thesis, which is a research project within the master's teaches students to conduct research independently as would be required for a dissertation.

#### Career Prospects:

Doctorate in one of the fields of biosciences; teaching and research at universities and other institutes of higher education; work in the chemical, pharmaceutical, medical, agrobiological and food technology industries; teaching at secondary level and in vocational, agricultural and engineering schools; management posts in industry, public administration and politics; planning for nature conservation and environmental protection, private and public; work in zoos, museums, research institutes, laboratories and clinics; scientific journalism.

#### Further Study Options:

Doctorate in natural sciences

Teaching Diploma for Secondary Education in Biology

### **Requirements:**

#### Further Study Options:

A Bachelor's degree in Biology, Biomedicine or Biochemistry from the Faculty of Science of the University of Zurich allows for admission to the a Master's degree course in Biology. Corresponding degrees of Swiss and foreign universities can be recognized by the Faculty. The Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby the principle of equal treatment applies to assessing the equivalence of Bachelor's degrees. The Faculty can require fulfillment of conditions or additional requirements in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

Branch of Study: Biology

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### **Organization:**



Program Structure: The course work comprises block courses and special lectures in Systematics and Evolution (16 ECTS credits), and elective modules (4 ECTS). The core components are the Master's research project in Systematics and Evolution, including seminars and colloquia (together 60 ECTS credits) and the module "Integrated Knowledge in Biology" (10 ECTS credits).

Major/Minor-Combinations: The Master's study program in Biology 90 can be taken as a single major or combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: PD Dr. Karin Isler:  
studienkoordination@biol.uzh.ch

Responsible Instructor:

Coordination:

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Biodiversity

### Description:

#### General description:

The major study program in Biodiversity (90 ECTS credits) at Master's level immerses students in the foundational research fields within biodiversity sciences, such as ecology, evolutionary biology, and environmental sciences, complemented by related disciplines. Students apply their solid foundational knowledge in natural sciences to tackle significant scientific and societal challenges. MSc in Biodiversity graduates are proficient in conducting independent scientific research, from planning to execution. They are adept at presenting research findings to professional audiences and contributing to scientific literature.

The programme is structured as a major study, with a twelve-month EEE 500 Master thesis (60 ECTS), the compulsory module EEE 520 "Integrated Knowledge in Biodiversity" (10 ECTS), and elective course modules amounting to 20 ECTS. The Master's thesis, usually pursued full-time, is the culmination of the programme.

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MSc in Biodiversity graduates exhibit a versatile skill set, enabling them to understand and articulate the scientific underpinnings of both global and local biodiversity and environmental science issues. They independently conduct research in fields like biodiversity science, ecology, evolutionary biology, behavioural biology, and environmental science. Graduates employ interdisciplinary perspectives, incorporating insights also from the social sciences. They excel in collecting, evaluating, and interpreting data independently, critically scrutinising the validity and reliability of their own and others' data and methods. With these skills, graduates are well-positioned for success in academic and non-academic sectors.

Main Language of Instruction: English

#### Career Prospects:

Job opportunities are available in institutions actively involved in biodiversity-related activities. Various sectors provide potential job positions, including nature conservation organizations, zoos, museums, environmental consulting firms, public administrations like BAFU, Grün Stadt Zürich, cantonal departments, and research institutions such as WSL, EAWAG, Agroscope, Vogelwarte. Opportunities also exist in national and international private sector companies.

#### Further Study Options:

Achieving a Master's degree qualifies students to continue studying at the doctoral level.

Admission to a doctoral program may be subject to additional requirements set by the faculty, outlined in the regulations governing the attainment of a doctoral degree. Additionally, obtaining a Teaching Diploma for Secondary Education in Biology is a viable option for those interested in educational pathways.

### Requirements:

#### Further Study Options:

Candidates with a Bachelor's degree in Biodiversity or Biology from UZH&ap Faculty of Science are eligible for the MSc in Biodiversity program. Equivalent qualifications from Swiss and international universities are also recognised.

Conditions or additional requirements may be applied by the faculty based on academic merit.

Branch of Study: Biology, Environmental Sciences

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The Biodiversity mono study program, accredited with 90 ECTS credits, spans three semesters of full-time studies. The curriculum is structured around specialized lectures, block courses, a Master's thesis, optional project w colloquia, and seminars. These components are tailored to each student through individually adapted "learning agreements," a collaborative process facilitated by the Master's coordinators. For more details, please refer to: <https://www.biodiversitaet.uzh.ch/de/master.html>

Major/Minor-Combinations: The Master's study program in Biodiversity 90 can be taken as a single maj be combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: Claudia Hegglin  
BIOL [biodiversitaet &lt;biodiversitaet@biol.uzh.ch>](mailto:biodiversitaet@biol.uzh.ch)

Responsible Instructor: Seyfi Arpat Ozgul

Coordination: Claudia Hegglin Braun

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Biodiversity

### **Description:**

#### General description:

The single major study program in Biodiversity (90 ECTS credits) at Master's level immerses students in the foundational research fields with biodiversity sciences, such as ecology, evolutionary biology, and environmental sciences, complemented by related disciplines. Students apply their solid foundational knowledge in natural sciences to tackle significant scientific and societal challenges. MSc in Biodiversity graduates are proficient in conducting independent scientific research, from planning to execution. They are adept at presenting research findings to professional audiences and contributing to scientific literature.

The programme is structured as a major study, with a twelve-month EEE 500 Master thesis (60 ECTS), the compulsory module EEE 520 "Integrated Knowledge in Biodiversity" (10 ECTS), and elective course modules amounting to 20 ECTS. The Master's thesis, usually pursued full-time, is the culmination of the programme.

:

MSc in Biodiversity graduates exhibit a versatile skill set, enabling them to understand and articulate the scientific underpinnings of both global and local biodiversity and environmental science issues. They independently conduct research in fields like biodiversity science, ecology, evolutionary biology, behavioural biology, and environmental science. Graduates employ interdisciplinary perspectives, incorporating insights also from the social sciences. They excel in collecting, evaluating, and interpreting data independently, critically scrutinising the validity and reliability of their own and others' data and methods. With these skills, graduates are well-positioned for success in academic and non-academic sectors.

Main Language of Instruction: English

#### Career Prospects:

Job opportunities are available in institutions actively involved in biodiversity-related activities. Various sectors provide potential job positions, including nature conservation organizations, zoos, museums, environmental consulting firms, public administrations like BAFU, Grün Stadt Zürich, cantonal departments, and research institutions such as WSL, EAWAG, Agroscope, Vogelwarte. Opportunities also exist in national and international private sector companies.

#### Further Study Options:

Achieving a Master's degree qualifies students to continue studying at the doctoral level.

Admission to a doctoral program may be subject to additional requirements set by the faculty, outlined in the regulations governing the attainment of a doctoral degree. Additionally, obtaining a Teaching Diploma for Secondary Education in Biology is a viable option for those interested in educational pathways.

### **Requirements:**

#### Further Study Options:

Candidates with a Bachelor's degree in Biodiversity or Biology from UZH&ap Faculty of Science are eligible for the MSc in Biodiversity program. Equivalent qualifications from Swiss and international universities are also recognised.

Conditions or additional requirements may be applied by the faculty based on academic merit.

Branch of Study: Biology, Environmental Sciences





Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

Program Structure: The Biodiversity mono study program, accredited with 90 ECTS credits, spans three semesters of full-time studies. The curriculum is structured around specialized lectures, block courses, a Master's thesis, optional project w colloquia, and seminars. These components are tailored to each student through individually adapted "learning agreements," a collaborative process facilitated by the Master's coordinators. For more details, please refer to: <https://www.biodiversitaet.uzh.ch/de/master.html>

Major/Minor-Combinations: The Master's study program in Biodiversity 90 can be taken as a single maj be combined with a minor study program 30 at Master's level.

Part-Time Studies: The Master's degree course is usually done full-time. Exemptions must be applied for in advance and require the consent of the Faculty of Science.

Organization: Faculty of Science

Academic Advisor: Academic advisor, studies coordinator and mobility advisor: Claudia Hegglin BIOL [biodiversitaet &lt;biodiversitaet@biol.uzh.ch>](mailto:biodiversitaet@biol.uzh.ch)

Responsible Instructor: Seyfi Arpat Ozgul

Coordination: Claudia Hegglin Braun

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Linguistics

### Description:

#### General description:

Those completing the program are familiar with methods of linguistic data acquisition (also under fieldwork conditions), and have acquired knowledge in the automatic processing and statistical analysis of large corpora and databases. They have obtained basic programming skills, with a focus on linguistic data processing, have consolidated their methodological skills, and have acquired a sound knowledge of linguistics in a number of classes from a maximum of nine different concentrations. They are able to structure and analyze linguistic data from different languages and apply a number of relevant research tools commonly used in linguistics, such as phonetic transcription, instrumental techniques, experimental design, data annotation, data processing, and data analysis. They have the necessary background to participate in collaborative research projects, and have acquired the skills to follow further developments in the field of linguistics. They are qualified to join a PhD program.

Main Language of Instruction: English

Further Languages of Instruction: French, German

#### Career Prospects:

Mit dem Erwerb der oben erwähnten Methodenkompetenzen kombiniert mit den weiteren linguistischen Modulen haben Absolventen und Absolventinnen des Studienprogramms «Sprachwissenschaft» das Rüstzeug einerseits für ein sprachwissenschaftliches Doktorat, andererseits für die Arbeit in der Wirtschaft/Industrie (bspw. Firmen, die sprachtechnologische Systeme entwickeln wie Google oder Nuance, oder Übersetzungs- und Terminologieabteilungen von Firmen, die einen grossen Anteil an mehrsprachigen Dokumenten führen). Wer als Schwerpunkt eine Sprache wählt, die in der Schule gelehrt wird, hat mit entsprechenden Bachelor-Vorkenntnissen zudem die Möglichkeit, für diese Schulsprache die fachwissenschaftlichen Voraussetzungen für das Lehrdiplom für Maturitätsschulen zu erwerben.

### Requirements:

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Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Mehr Informationen über die Zulassungsbedingungen und das Bewerbungsverfahren finden Sie auf den Linguistics-Seiten <https://www.linguistics-ma.uzh.ch/en/Studies/Prospective-Students/Prerequisites.html>

Branch of Study: German Language and Literature, English Language and Literature, French Language and Literature, Ibero-Romance Languages and Literatures, South Asian Studies, Italian Language and Literature, Classical Philology, Linguistics, Modern Greek Language and Literature, Nordic Languages and Literatures, Islamic and Middle Eastern Studies, East Asian Studies, Rhaeto-Romanic Languages and Literatures, Slavonic Languages and Literatures

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Zurich Center for Linguistics

Academic Advisor: linguistics-ma@linguistik.uzh.ch

Responsible Instructor: Marianne Hundt



**Universität  
Zürich**<sup>UZH</sup>

Coordination: Lorena Maria Schneider

**Part of:**  
Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Imaging Sciences in Medicine

### **Description:**

#### General description:

The doctoral program promotes research in imaging sciences with radiological methods and offers a well-structured post-graduate education on basics and methods of medical imaging. The focus of the doctoral program is on research of anatomy and disease with biomedical imaging procedures and on the combination of applied and basic research for the development and improvement of imaging diagnostics, interventions, and therapies. The program is open to international candidates.

The program allows candidates to focus on clinical research in a medical environment. It is open to applicants with outstanding academic achievements and a strong interest in clinical research.

Main Language of Instruction: German

Further Languages of Instruction: English

### **Requirements:**

:

To apply for this doctoral program, candidates must at least hold a university master's degree in either medicine, biomedicine, biology, physics, engineering and related sciences. Further academic qualifications that are compulsory for eligibility as well are listed in the document "Doktoratsordnung". All candidates must be fluent in English.

#### Double Matriculation

Double matriculation in the general doctorate of the Faculty of Medicine (Dr. med.) and in the PhD program Clinical Science at the same time is not planned. If, at the time of your application for the PhD program, you are about to graduate as Dr. med., please indicate this in your application. Otherwise, the simultaneous completion of the general doctorate and the PhD program is not intended.

### **Organization:**

Organization: Faculty of Medicine

Responsible Instructor:

Coordination:

### **Part of:**

Doctorate Medical Sciences (PromVO 22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Law

### Description:

#### General description:

The degree program provides the students with legal knowledge, the skills to analyze the legal system and the ability to reflect on the basic principles and content of legal normativity and jurisprudence. It illustrates the scientific and social importance of law and the responsibility that lawyers bear. The Master's degree program focuses on providing students with an in-depth legal education and the skills to work independently on scientific and practical tasks.

The study program Law builds on, supplements and deepens the knowledge acquired in the bachelor's degree. It offers students considerable freedom to pursue their individual interests. The program prepares and qualifies them for work in science and research and equips them with the necessary skills to practice in the legal professions.

Main Language of Instruction: German

Further Languages of Instruction: English, French

#### Career Prospects:

The Master of Law UZH program Rechtswissenschaft opens up a wide range of professions. The programme prepares students for work in the corporate, judicial and administrative legal profession. Beyond these fields, graduates from this program may hold leading positions in business, culture and politics.

#### Further Study Options:

Following completion of a Master's program, it is possible to obtain additional qualifications as part of a general PhD or Faculty of Law doctorate program.

The Faculty of Law also offers various options for further education:

- LL.M. programs or CAS

(<https://www.weiterbildung.uzh.ch/de/wbprogramme/fakultaet/rwf.html>)

- Diploma in Secondary School Teaching in Business and Law

All Master's programs at the Faculty of Law of the University of Zurich pave the way for the cantonal bar examinations.

### Requirements:

#### Further Study Options:

To be admitted to the Master's program, candidates must have completed a Bachelor of Law from a Swiss university. Students with a foreign Bachelor of Law or an equivalent degree may be admitted to the Master's study program subject to restrictions worth a maximum of 60 ECTS credits.

Any student who has been definitively excluded from studies at the Faculty of Law, University of Zurich, or from any other Swiss faculty of law, will no longer be admitted to a program of study in law. Further information is available from the academic advisory service.

Branch of Study: Law

Grading: Each module is concluded with a student assessment. Performance is graded on a scale from 1 to 6, with 6 denoting the highest and 1 the lowest grade. Half grades are permitted. A grade below 4 indicates insufficient performance. Performance can also be graded on a "pass" or "fail" basis.



Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

**Organization:**

Major/Minor-Combinations: The degree program does not provide a minor subject. Provided that law modules worth at least 30 ECTS credits have been completed at Bachelor's level, it can be studied as a minor subject as part of a program at another faculty. Details can be found in the program descriptions for the relevant faculty.

Part-Time Studies: Part-time study is possible for students who are employed or who have care-giving obligations. The duration of the programme is correspondingly longer. Further information is available from the academic advisory service.

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

Master of Law UZH (RVO21)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 International and Comparative Law

### Description:

#### General description:

The degree program provides the students with legal knowledge, the skills to analyze the legal system and the ability to reflect on the basic principles and content of legal normativity and jurisprudence. It illustrates the scientific and social importance of law and the responsibility that lawyers bear. The Master's degree program focuses on providing students with an in-depth legal education and the skills to work independently on scientific and practical tasks.

The study program in International and Comparative Law, conducted in English, is designed to provide in-depth study in various areas of international and comparative law. It offers the opportunity to continue the studies in English and to supplement the legal skills with a view to an international working environment. The flexibility of the Master's program allows students to see their own concentrations.

Main Language of Instruction: English

#### Career Prospects:

The Master of Law UZH degree program in International and Comparative Law is intended to prepare graduates for careers at European or international institutions, international companies or government agencies, or international non-governmental organizations.

#### Further Study Options:

Following completion of a Master's program, it is possible to obtain additional qualifications as part of a general PhD or Faculty of Law doctorate program.

The Faculty of Law also offers various options for further education within the framework of LL.M. programs and CAS (<https://www.weiterbildung.uzh.ch/de/wbprogramme/fakultaet/rwf.html>).

All Master's programs at the Faculty of Law of the University of Zurich pave the way for the cantonal bar examinations.

### Requirements:

#### Further Study Options:

To be admitted to the Master's program, candidates must have completed a Bachelor of Law from a Swiss university. Students with a foreign Bachelor of Law or an equivalent degree may be admitted to the Master's study program subject to restrictions worth a maximum of 60 ECTS credits.

Sufficient knowledge of English is also required for admission to the Master of Law UZH International and Comparative Law. Students whose first or main language is not English must prove language proficiency equivalent to at least the C1 level of the Common European Framework of Reference (CEFR).

Any student who has been definitively excluded from studies at the Faculty of Law, University of Zurich, or from any other Swiss faculty of law, will no longer be admitted to a program of study in law. Further information is available from the academic advisory service.

Grading: Each module is concluded with a student assessment. Performance is graded on a scale from 1 to 6, with 6 denoting the highest and 1 the lowest grade. Half grades are permitted. A grade below 4 indicates insufficient performance. Performance can also be graded on a "pass" or "fail" basis.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### Organization:



Major/Minor-Combinations: The degree program does not provide a minor subject. Provided that law modules worth at least 30 ECTS credits have been completed at Bachelor's level, it can be studied as a minor subject as part of a program at another faculty. Details can be found in the program descriptions for the relevant faculty.

Part-Time Studies: Part-time study is possible for students who are employed or who have care-giving obligations. The duration of the programme is correspondingly longer. Further information is available from the academic advisory service.

Organization: Faculty of Law

Academic Advisor: Student Center, inquiries via contact form: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

Master of Law UZH (RVO21)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Law

### **Description:**

#### General description:

The study program includes compulsory and core elective modules of the assessment level of the Bachelor's degree program in law, amounting to 30 ECTS credits. Students are introduced to law in general and to legal work. They also gain an in-depth insight into private law and public law.

Main Language of Instruction: German

### **Requirements:**

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### **Organization:**

Organization: Faculty of Law

Responsible Instructor: Felix Bommer

#### Coordination:

### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Law

### **Description:**

#### General description:

The study program corresponds to the assessment level of the Bachelor's degree program in law and includes compulsory and core elective modules amounting to 60 ECTS credits. Students are introduced to jurisprudence in general, legal work and the corresponding methodology. They also gain an in-depth insight into the basics of the Swiss legal system as well as the main disciplines of applicable law - private law, public law and criminal law.

Main Language of Instruction: German

### **Requirements:**

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

### **Organization:**

Organization: Faculty of Law

Responsible Instructor: Felix Bommer

#### Coordination:

### **Part of:**

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Law

### Description:

#### General description:

The double degree Master's program jointly undertaken with the partner faculty offers students an opportunity to expand and further their knowledge of the Swiss legal system, of the legal system of the country of the partner faculty and of international law. It consists of the Master's degree program at the Faculty of Law and the study program at a partner faculty. At the Faculty of Law UZH students can choose between two study programs, each comprising 90 ECTS credits. A fixed total of 30 ECTS credits earned in coursework completed as part of the study program at the partner faculty will be transferred. Thus, modules amounting to 60 ECTS credits have to be completed at the Faculty of Law UZH. For full-time students, the double degree program lasts four semesters. The study program Law provides the students with legal knowledge, the skills to analyze the legal system and the ability to reflect on the basic principles and content of legal normativity and jurisprudence. The students can choose a large part of the modules to be completed from the entire Master's program of the Faculty of Law. Thus offering students considerable freedom to pursue their individual interests and to set individual emphases. The program prepares and qualifies the students for work in science and research and equips them with the necessary skills to practice in the legal professions.

#### Career Prospects:

Die Ausbildung an einer der international renommierten Partnerfakultäten im Rahmen der Double Degree Masterstudiengänge fördert vertiefte Kenntnisse des internationalen und vergleichenden Rechts und - je nach Standort der jeweiligen Fakultät - Vertrautheit mit den Charakteristika eines anderen Rechtskreises. Sie dient Absolventinnen und Absolventen, deren berufliches Interesse im Bereich international ausgerichteter Anwaltskanzleien und Unternehmen oder international tätiger Organisationen und Institutionen liegt (vgl. dazu auch die allgemeine Beschreibung des Studiengangs).

#### Further Study Options:

Es besteht die Möglichkeit, sich im Anschluss an den Master weiter im Rahmen eines allgemeinen Doktorats oder eines Doktoratsprogramms der Rechtswissenschaftlichen Fakultät zu qualifizieren. Ausserdem werden an der Rechtswissenschaftlichen Fakultät verschiedene Weiterbildungsmöglichkeiten angeboten:

- LL.M.-Studiengänge oder CAS

(<https://www.weiterbildung.uzh.ch/de/wbprogramme/fakultaet/rwf.html>)

- Lehrdiplom für Maturitätsschulen im Fach Wirtschaft und Recht

Alle Masterstudiengänge der Rechtswissenschaftlichen Fakultät der Universität Zürich ebnet auch den Weg zur kantonalen Anwaltsprüfung.

### Requirements:

#### Further Study Options:

Die Teilnahme an einem Double Degree Programm setzt die Immatrikulation entweder an der Universität Zürich oder an der jeweiligen Partneruniversität als Heimuniversität voraus. An einem Double Degree Masterstudiengang teilnehmen können Studierende, die das Bewerbungsverfahren der Rechtswissenschaftlichen Fakultät erfolgreich durchlaufen haben. Die Zulassung erfolgt unter dem Vorbehalt der Zulassung an der Partnerfakultät. Die jeweiligen Zulassungsvoraussetzungen der Partnerfakultäten sind in der Informationsbroschüre Double Degree Masterstudiengänge zu finden (<http://www.ius.uzh.ch/de/studies/master/double-degree/outgoings.html>).



Grading: Jedes Modul wird mit einer Leistungsüberprüfung abgeschlossen. Die Benotung der Leistungen erfolgt auf einer Skala von 1 bis 6, wobei 6 die beste, 1 die schlechteste Note bezeichnet. Halbe Noten sind zulässig. Noten unter 4 stehen für ungenügende Leistungen. Leistungsnachweise können auch mit "bestanden" ("pass")/"nicht bestanden" ("fail") bewertet werden. Für die Benotung der Leistungen an der Partnerfakultät gelten die Benotungsvorschriften der Partnerfakultät.

Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

**Organization:**

Major/Minor-Combinations: Der Studiengang sieht kein Minor-Studienprogramm vor.

Part-Time Studies: Ein Teilzeitstudium ist nicht möglich.

Organization: Faculty of Law

Academic Advisor: Student Center, Kontaktaufnahme mittels Kontaktformular: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

Master of Law UZH (Double Degree Universiteit Leuven, RVO21)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 International and Comparative Law

### Description:

#### General description:

The double degree Master's program jointly undertaken with the partner faculty offers students an opportunity to expand and further their knowledge of the Swiss legal system, of the legal system of the country of the relevant partner faculty and of international law. It consists of the Master's degree program at the Faculty of Law and the study program at a partner faculty. At the Faculty of Law UZH students can choose between two study programs, each comprising 90 ECTS credits. A fixed total of 30 ECTS credits earned in coursework completed as part of the study program at the partner faculty will be transferred. Thus, modules amounting to 60 ECTS credits have to be completed at the Faculty of Law UZH. For full-time students, the double degree program lasts four semesters. The study program International and Comparative Law provides the students with legal knowledge, the skills to analyze the legal system and the ability to reflect on the basic principles and content of legal normativity and jurisprudence. It aims to provide students with deeper knowledge in different areas of international and comparative law. The program prepares and qualifies the students for work in science and research and equips them with the necessary skills to pursue legal careers in an international environment.

#### Career Prospects:

Die Ausbildung an einer der international renommierten Partnerfakultäten im Rahmen der Double Degree Masterstudiengänge fördert vertiefte Kenntnisse des internationalen und vergleichenden Rechts und - je nach Standort der jeweiligen Fakultät - Vertrautheit mit den Charakteristika eines anderen Rechtskreises. Sie dient Absolventinnen und Absolventen, deren berufliches Interesse im Bereich international ausgerichteter Anwaltskanzleien und Unternehmen oder international tätiger Organisationen und Institutionen liegt (vgl. dazu auch die allgemeine Beschreibung des Studiengangs).

#### Further Study Options:

Es besteht die Möglichkeit, sich im Anschluss an den Master weiter im Rahmen eines allgemeinen Doktorats oder eines Doktoratsprogramms der Rechtswissenschaftlichen Fakultät zu qualifizieren.

Ausserdem werden an der Rechtswissenschaftlichen Fakultät verschiedene Weiterbildungsmöglichkeiten angeboten:

- LL.M.-Studiengänge oder CAS

(<https://www.weiterbildung.uzh.ch/de/wbprogramme/fakultaet/rwf.html>)

- Lehrdiplom für Maturitätsschulen im Fach Wirtschaft und Recht

Alle Masterstudiengänge der Rechtswissenschaftlichen Fakultät der Universität Zürich ebnet auch den Weg zur kantonalen Anwaltsprüfung.

### Requirements:

#### Further Study Options:

Die Teilnahme an einem Double Degree Programm setzt die Immatrikulation entweder an der Universität Zürich oder an der jeweiligen Partneruniversität als Heimuniversität voraus. An einem Double Degree Masterstudiengang teilnehmen können Studierende, die das Bewerbungsverfahren der Rechtswissenschaftlichen Fakultät erfolgreich durchlaufen haben. Die Zulassung erfolgt unter dem Vorbehalt der Zulassung an der Partnerfakultät. Die jeweiligen Zulassungsvoraussetzungen der Partnerfakultäten sind in der Informationsbroschüre Double Degree Masterstudiengänge zu finden (<http://www.ius.uzh.ch/de/studies/master/double-degree/outgoings.html>).

#### Grading:

Jedes Modul wird mit einer Leistungsüberprüfung abgeschlossen. Die Benotung der Leistungen erfolgt auf einer Skala von 1 bis 6, wobei 6 die beste, 1 die schlechteste Note bezeichnet. Halbe Noten sind zulässig. Noten unter 4 stehen für ungenügende Leistungen. Leistungsnachweise können auch mit "bestanden" ("pass")/"nicht bestanden" ("fail") bewertet werden. Für die Benotung der Leistungen an der Partnerfakultät gelten die Benotungsvorschriften der Partnerfakultät.



Regulations: <http://www.ius.uzh.ch/de/faculty/rsjur.html>

**Organization:**

Major/Minor-Combinations: Der Studiengang sieht kein Minor-Studienprogramm vor.

Part-Time Studies: Ein Teilzeitstudium ist nicht möglich.

Organization: Faculty of Law

Academic Advisor: Student Center, Kontaktaufnahme mittels Kontaktformular: <http://www.ius.uzh.ch/studies/contact-form.html>

Responsible Instructor: Felix Bommer

Coordination:

**Part of:**

Master of Law UZH (Double Degree Universiteit Leuven, RVO21)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Quantitative Environmental Sciences (specialized Master)

### Description:

#### General description:

The specialized major study program in Quantitative Environmental Sciences (90 ECTS credits) at Master's level provides a conceptual overview to topics in environmental sciences jointly with the quantitative approaches used to study such topics. It has a strong interdisciplinary component and provides students with an in-depth scientific education, as well as the ability to do independent scientific work. Through collaboration with course leaders and their current research projects, students gain insight into the quantitative environmental science research community. The Master's degree is the qualification required for academic professions in environmental sciences. Components: The program lasts three semesters. At least 30 ECTS credits are earned through lectures, research seminars, field course and colloquia. Individual specialization is possible through elective modules. An independent research thesis, the Master's thesis (60 ECTS credits), is presented publicly as part of the Master's ex

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At the end of the specialized major study program in Quantitative Environmental Sciences 90 at Master's level, students will be able to:

1. identify and discuss the scientific bases of global and local environmental problems;
2. speak broadly about current research directions in the field of environmental sciences;
3. formulate research questions for scientific projects;
4. design traditional and novel interdisciplinary methodological approaches to answering research questions, including computational, theoretical, and technological approaches;
5. collect and analyze data;
6. formulate comprehensive research conclusions and suggestions for future study;
7. critically analyze the validity and reliability of the data and methods of one's own and other studies.

Main Language of Instruction: English

#### Career Prospects:

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#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may make acceptance to a doctoral program contingent on fulfilling further requirements. Details can be found in the regulations for obtaining the doctoral degree.

### Requirements:

#### Further Study Options:

All students are required to have a bachelor's degree from a Swiss University or equivalent, sufficient knowledge in mathematics and physics (including statistics and methods of empirical social science research) equivalent 10 ECTS Credits; biology and chemistry equivalent 6 ECTS Credits and environmental sciences equivalent 8 ECTS Credits. Knowledge in environmental sciences should be acquired mainly from courses in environmental sciences during bachelor education, either at the University of Zurich or at other universities.

The language of instruction is English. It is strongly recommended that applicants whose mother tongue is a language other than English or who have not followed all their secondary and tertiary education in English to submit test results of a language test. The level of C1 in the Common European Framework of Reference for Languages is required. The C1 Level corresponds to a minimum number of points scored on the IELTS or TOEFL examinations. Recognized English certificates.

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure:

The 1.5-year program (3 terms) is structured as follows: In the first and second term the basic interdisciplinary knowledge will be obtained. In the second and third term the Master's thesis will be carried out in one of the research groups of the Institute of Evolutionary Biology and Environmental Studies. During the first term the student develops and presents a personal research plan for the thesis project.

A total of 90 credit points is required for the MSc in Quantitative Environmental Sciences. 30 ECTS Credits are obtained for the courses and 60 ECTS Credits for the thesis work. The courses are grouped into modules UWW 220 - UWW 290. All modules are assessed according to ECTS-standards. One credit point equals 30 hours of effective work.

All courses in the specialised Master's program in Quantitative Environmental Sciences are organised and offered by the Institute of Evolutionary Biology and Environmental Studies of the University of Zurich. The thesis project must be supervised by a research group leader of the Institute but may physically be carried out at an external institution.

The courses consist of lectures, seminars, exercises, and project-oriented assignments. A mixture of assessment modes will be used, e.g. written and oral examinations, term papers, and field-exercises.

Major/Minor-Combinations: The specialized Master's study program in Quantitative Environmental Sciences 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

Part-Time Studies: A part-time study is possible.

Organization: Faculty of Science

Academic Advisor: Claudia Hegglin, [claudia.hegglin@ieu.uzh.ch](mailto:claudia.hegglin@ieu.uzh.ch)

Responsible Instructor: Jordi Bascompte

Coordination: Claudia Hegglin Braun

**Part of:**

Master of Science Faculty of Science (120) (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Quantitative Environmental Sciences (specialized Master)

### Description:

#### General description:

The specialized single major study program in Quantitative Environmental Sciences (90 ECTS credits) at Master's level provides a conceptual overview topics in the environmental sciences jointly with the quantitative approaches used to study such topics. It has a strong interdisciplinary component and provides students with an in-depth scientific education, as well as the ability to do independent scientific work. Through collaboration with course Leaders and their current research projects, students gain insight into the quantitative environmental science research community. The Master's degree the qualification required for academic professions in environmental sciences.

Components: The program lasts three semesters. At least 30 ECTS credits are earned through lectures, research seminars, field course and colloquia.

Individual specialization is possible through elective modules. An independent research thesis, the Master's thesis (60 ECTS credits), is presented as part of the Master's exam.

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At the end of the Masters in Quantitative Environmental Sciences, students will be able to:

1. identify and discuss the scientific bases of global and local environmental problems;
2. speak broadly about current research directions in the field of environmental sciences;
3. formulate research questions for scientific projects;
4. design traditional and novel interdisciplinary methodological approaches to answering research questions, including computational, theoretical, and technological approaches;
5. collect and analyze data;
6. formulate comprehensive research conclusions and suggestions for future study;
7. critically analyze the validity and reliability of the data and methods of one's own and other studies.

Main Language of Instruction: English

#### Career Prospects:

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#### Further Study Options:

Earning a Master's degree qualifies students to continue studying at the doctoral level. The faculty may make acceptance to a doctoral program contingent on fulfilling further requirements. Details can be found in the regulations for obtaining the doctoral degree.

### Requirements:

#### Further Study Options:

All students are required to have a bachelor's degree from a Swiss University or equivalent, sufficient knowledge in mathematics and physics (including statistics and methods of empirical social science research) equivalent 10 ECTS Credits; biology and chemistry equivalent 6 ECTS Credits and environmental sciences equivalent 8 ECTS Credits. Knowledge in environmental sciences should be acquired mainly from courses in environmental sciences during bachelor education, either at the University of Zurich or at other universities.

The language of instruction is English. It is strongly recommended that applicants whose mother tongue is a language other than English or who have not followed all their secondary and tertiary education in English to submit test results of a language test. The level of C1 in the Common European Framework of Reference for Languages is required. The C1 Level corresponds to a minimum number of points scored on the IELTS or TOEFL examinations. Recognized English certificates.



**Grading:** The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

**Organization:**

**Program Structure:** The 1.5-year program (3 terms) is structured as follows: In the first and second term the basic interdisciplinary knowledge will be obtained. In the second and third term the Master's thesis will be carried out in one of the research groups of the Institute of Evolutionary Biology and Environmental Studies. During the first term the student develops and presents a personal research plan for the thesis project.

A total of 90 credit points is required for the MSc in Quantitative Environmental Sciences. 30 ECTS Credits are obtained for the courses and 60 ECTS Credits for the thesis work. The courses are grouped into modules UWW 220 - UWW 290. All modules are assessed according to ECTS-standards. One credit point equals 30 hours of effective work.

All courses in the specialised Master's program in Quantitative Environmental Sciences are organised and offered by the Institute of Evolutionary Biology and Environmental Studies of the University of Zurich. The thesis project must be supervised by a research group leader of the Institute but may physically be carried out at an external institution.

The courses consist of lectures, seminars, exercises, and project-oriented assignments. A mixture of assessment modes will be used, e.g. written and oral examinations, term papers, and field-exercises.

**Major/Minor-Combinations:** The specialized Master's study program in Quantitative Environmental Sciences 90 can be taken as a single major or be combined with a minor study program 30 at Master's level.

**Part-Time Studies:** Part-time study is possible.

**Organization:** Faculty of Science

**Academic Advisor:** Claudia Hegglin, [claudia.hegglin@ieu.uzh.ch](mailto:claudia.hegglin@ieu.uzh.ch)

**Responsible Instructor:** Jordi Bascompte

**Coordination:** Claudia Hegglin Braun

**Part of:**

Master of Science Faculty of Science (90) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Financial Mathematics

### Description:

#### General description:

The minor study program in Financial Mathematics (30 ECTS credits) provides students with a in depth education in financial mathematics and the ability to think and work methodically and scientifically. The focus of the minor program is on precise mathematical techniques (with modern statistical approaches based on machine learning and data science) and programming.

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Upon completion of the minor program, students will have acquired knowledge of advanced mathematical models and will be able to apply this knowledge to practical situations with the programming and data processing skills they have acquired.

At the end of their studies, graduates of a minor study program in Financial Mathematics are able to,

1. understand the mathematical foundations of quantitative finance and the concepts and methods of risk management,
2. understand the fundamentals of the functioning of financial markets and the role of regulation in the financial sector,
3. use their mathematical and statistical knowledge to develop and implement quantitative models for the pricing of financial instruments, risk management and investment strategies,
4. use mathematical techniques to design and implement financial models, develop pricing algorithms and create trading strategies.

Main Language of Instruction: English

### Requirements:

:  
The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

:  
Sufficient basic knowledge of mathematics is required. The minor program in Financial Mathematics in any case requires a solid basic knowledge of analysis and linear algebra (as for example taught, in the modules MAT182 Analysis for Natural Sciences and MAT141 Linear Algebra for Natural Sciences or equivalent). Bachelor's students should therefore ideally begin the minor program in Financial Mathematics in their second year of study or later.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Financial Mathematics (30 ECTS credits) provides an introduction to the mathematical techniques that are used in finance, in combination with modern statistical and numerical approaches.

Organization: Faculty of Science

Academic Advisor: Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Delia Coculescu



Coordination: Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Financial Mathematics

### Description:

#### General description:

The minor study program Financial Mathematics (30 ECTS credits) at Master' level is a new minor study program that corresponds to the minor study program with 30 ECTS credits at Bachelor's level.

The minor study program Financial Mathematics provides students with a in depth education in financial mathematics and the ability to think and work methodically and scientifically. The focus of the minor program is on precise mathematical techniques (with modern statistical approaches based on machine learning and data science) and programming.

:

Upon completion of the minor program, students will have acquired knowledge of advanced mathematical models and will be able to apply this knowledge to practical situations with the programming and data processing skills they have acquired.

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1. understand the mathematical foundations of quantitative finance and the concepts and methods of risk management,
2. understand the fundamentals of the functioning of financial markets and the role of regulation in the financial sector,
3. use their mathematical and statistical knowledge to develop and implement quantitative models for the pricing of financial instruments, risk management and investment strategies,
4. use mathematical techniques to design and implement financial models, develop pricing algorithms and create trading strategies.

Main Language of Instruction: English

### Requirements:

:

If you have completed a minor in Financial Mathematics on bachelor's level cannot choose the master's level.

:

Sufficient basic knowledge of mathematics is required. The minor program in Financial Mathematics in any case requires a solid basic knowledge of analysis and linear algebra (as for example taught, in the modules MAT182 Analysis for Natural Sciences and MAT141 Linear Algebra for Natural Sciences or equivalent).

Bachelor's students should therefore ideally begin the minor program in Financial Mathematics in their second year of study or later.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Financial Mathematics (30 ECTS credits) provides an introduction to the mathematical techniques that are used in finance, in combination with modern statistical and numerical approaches.

Organization: Faculty of Science



Academic Advisor: Maja Schärer, [studium@math.uzh.ch](mailto:studium@math.uzh.ch)

Responsible Instructor: Delia Coculescu

Coordination: Maja Bettina Schärer

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Financial Mathematics

### Description:

#### General description:

The minor study program in Mathematics (30 ECTS credits) provides students with a in depth education in financial mathematics and the ability to think and work methodically and scientifically. The focus of the minor program is on precise mathematical techniques (with modern statistical approaches based on machine learning and data science) and programming.

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Upon completion of the minor program, students will have acquired knowledge of advanced mathematical models and will be able to apply this knowledge to practical situations with the programming and data processing skills they have acquired.

At the end of their studies, graduates of a minor study program in Financial Mathematics are able to,

1. understand the mathematical foundations of quantitative finance and the concepts and methods of risk management,
2. understand the fundamentals of the functioning of financial markets and the role of regulation in the financial sector,
3. use their mathematical and statistical knowledge to develop and implement quantitative models for the pricing of financial instruments, risk management and investment strategies,
4. use mathematical techniques to design and implement financial models, develop pricing algorithms and create trading strategies.

Main Language of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree program are regulate "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

:

Sufficient basic knowledge of mathematics is required. The minor program in Financial Mathematics in any case requires a solid basic knowledge of analysis and linear algebra (as for example taught, in the modules MAT182 Analysis for Natural Sciences and MAT141 Linear Algebra for Natural Sciences or equivalent). Bachelor's students should therefore ideally begin the minor program in Financial Mathematics in their second year of study or later.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Financial Mathematics (30 ECTS credits) provides an introduction to the mathematical techniques that are used in finance, in combination with modern statistical and numerical approaches.

Organization: Faculty of Science

Academic Advisor: Maja Schärer, studium@math.uzh.ch

Responsible Instructor: Delia Coculescu



**Universität  
Zürich<sup>UZH</sup>**

Coordination: Maja Bettina Schärer

**Part of:**

Bachelor of Arts UZH in Business and Economics (RVO22)

Bachelor of Science UZH in Informatics (RVO22)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Financial Mathematics

### Description:

#### General description:

The minor study program Financial Mathematics (30 ECTS credits) at Master' level is a new minor study program that corresponds to the minor study program with 30 ECTS credits at Bachelor's level.

The minor study program Financial Mathematics provides students with a in depth education in financial mathematics and the ability to think and work methodically and scientifically. The focus of the minor program is on precise mathematical techniques (with modern statistical approaches based on machine learning and data science) and programming.

:

Upon completion of the minor program, students will have acquired knowledge of advanced mathematical models and will be able to apply this knowledge to practical situations with the programming and data processing skills they have acquired.

At the end of their studies, graduates of a minor study program in Financial Mathematics are able to,

1. understand the mathematical foundations of quantitative finance and the concepts and methods of risk management,
2. understand the fundamentals of the functioning of financial markets and the role of regulation in the financial sector,
3. use their mathematical and statistical knowledge to develop and implement quantitative models for the pricing of financial instruments, risk management and investment strategies,
4. use mathematical techniques to design and implement financial models, develop pricing algorithms and create trading strategies.

Main Language of Instruction: English

### Requirements:

:

If you have completed a minor in Financial Mathematics on bachelor's level cannot choose the master's level.

:

Sufficient basic knowledge of mathematics is required. The minor program in Financial Mathematics in any case requires a solid basic knowledge of analysis and linear algebra (as for example taught, in the modules MAT182 Analysis for Natural Sciences and MAT141 Linear Algebra for Natural Sciences or equivalent).

Bachelor's students should therefore ideally begin the minor program in Financial Mathematics in their second year of study.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The focus of the minor program is on precise mathematical techniques (with modern statistical approaches based on machine learning and data science) and programming.

Organization: Faculty of Science



Academic Advisor: Maja Schärer, [studium@math.uzh.ch](mailto:studium@math.uzh.ch)

Responsible Instructor: Delia Coculescu

Coordination: Maja Bettina Schärer

**Part of:**

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Japanese Studies (2024)

### Description:

#### General description:

The minor in Japanese Studies imparts the basic knowledge and language skills necessary for a scholarly engagement with Japan. Students acquire the ability to read modern Japanese at an academic level, and a basic knowledge of classical Japanese. They also acquire a fundamental knowledge of history, society, and culture, and the ability to apply scientific theories and methods to issues related to Japan.

#### Career Prospects:

Die in einem Bachelorstudium der Japanologie erworbenen Kompetenzen und Kenntnisse können in unterschiedlichsten Berufsfeldern eingesetzt werden.

Absolventinnen und Absolventen werden tätig in der Diplomatie und Verwaltung, in japanischen Unternehmen in der Schweiz oder hiesigen Unternehmen mit Japanbezug, im Journalismus, im Kulturaustausch oder als spezialisierte Übersetzer. Studierende beim Übergang ins Berufsleben aktiv zu unterstützen ist ein besonderes Anliegen der beiden Lehrstühle.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [jap.studies@aoi.uzh.ch](mailto:jap.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Japanese Studies (2019)

### Description:

#### General description:

The minor in Japanese Studies imparts the basic knowledge and language skills necessary for a scholarly engagement with Japan. Students acquire the ability to read modern Japanese at an academic level, and a basic knowledge of classical Japanese. They also acquire a fundamental knowledge of history, society, and culture, and the ability to apply scientific theories and methods to issues related to Japan.

Main Language of Instruction: German

#### Career Prospects:

Die in einem Bachelorstudium der Japanologie erworbenen Kompetenzen und Kenntnisse können in unterschiedlichsten Berufsfeldern eingesetzt werden.

Absolventinnen und Absolventen werden tätig in der Diplomatie und Verwaltung, in japanischen Unternehmen in der Schweiz oder hiesigen Unternehmen mit Japanbezug, im Journalismus, im Kulturaustausch oder als spezialisierte Übersetzer. Studierende beim Übergang ins Berufsleben aktiv zu unterstützen ist ein besonderes Anliegen der beiden Lehrstühle.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [jap.studies@aoi.uzh.ch](mailto:jap.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Science Faculty of Science (2021)

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020



**Universität  
Zürich**<sup>UZH</sup>

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Japanese Studies (2019)

### Description:

#### General description:

The major in Japanese Studies imparts a broad, academically-based fundamental knowledge of Japan spanning history, society, politics, economics, literature, philosophy, and religion. It also allows students to acquire a knowledge of standard modern Japanese, both written and spoken, and in particular the ability to read scholarly texts, plus a basic knowledge of classical Japanese.

In addition, those completing the program have the ability to independently address questions relating to Japan from the perspective of the humanities or social sciences, drawing on original sources and primary data in Japanese for their analysis. Through an intensive study of Japan and its culture they also acquire the personal, social, and methodological skills for successful intercultural cooperation in our increasingly globalized world.

Main Language of Instruction: German

#### Career Prospects:

Die in einem Bachelorstudium der Japanologie erworbenen Kompetenzen und Kenntnisse können in unterschiedlichsten Berufsfeldern eingesetzt werden.

Absolventinnen und Absolventen werden tätig in der Diplomatie und Verwaltung, in japanischen Unternehmen in der Schweiz oder hiesigen Unternehmen mit Japanbezug, im Journalismus, im Kulturaustausch oder als spezialisierte Übersetzer. Studierende beim Übergang ins Berufsleben aktiv zu unterstützen ist ein besonderes Anliegen der beiden Lehrstühle.

### Requirements:

Branch of Study: East Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: [jap.studies@aoi.uzh.ch](mailto:jap.studies@aoi.uzh.ch), [eas.studentadmin@aoi.uzh.ch](mailto:eas.studentadmin@aoi.uzh.ch)

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Japanese Studies (2024)

### **Description:**

#### General description:

The major in Japanese Studies imparts a broad, academically-based fundamental knowledge of Japan spanning history, society, politics, economics, literature, philosophy, and religion. It also allows students to acquire a knowledge of standard modern Japanese, both written and spoken, and in particular the ability to read scholarly texts, plus a basic knowledge of classical Japanese.

In addition, those completing the program have the ability to independently address questions relating to Japan from the perspective of the humanities or social sciences, drawing on original sources and primary data in Japanese for their analysis. Through an intensive study of Japan and its culture they also acquire the personal, social, and methodological skills for successful intercultural cooperation in our increasingly globalized world.

#### Career Prospects:

Die in einem Bachelorstudium der Japanologie erworbenen Kompetenzen und Kenntnisse können in unterschiedlichsten Berufsfeldern eingesetzt werden.

Absolventinnen und Absolventen werden tätig in der Diplomatie und Verwaltung, in japanischen Unternehmen in der Schweiz oder hiesigen Unternehmen mit Japanbezug, im Journalismus, im Kulturaustausch oder als spezialisierte Übersetzer. Studierende beim Übergang ins Berufsleben aktiv zu unterstützen ist ein besonderes Anliegen der beiden Lehrstühle.

### **Requirements:**

Branch of Study: East Asian Studies

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: jap.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### **Part of:**

Bachelor of Arts (RVO19)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Comparative Linguistics

### Description:

#### General description:

Students completing the program are equipped with the specialist linguistic knowledge required to analyze language from a historical, typological and documentary, neurolinguistic and psycholinguistic perspective. They have mastered a broad comparative approach to languages and language. They have advanced knowledge of quantitative and qualitative analytical methods, experience with the interdisciplinary presentation of research and its findings, and are capable of designing and conducting comparative language research.

Main Language of Instruction: English

Further Languages of Instruction: German

#### Career Prospects:

As with most other university degrees, studying Comparative Linguistics does not lead to a specific profession. One of the main areas of interest for graduates is research. However, there are many other career possibilities outside of academia, as the interdisciplinarity of the program makes it possible to work in various language-related areas, e.g. copy-editing, PR consulting/advertising, translation or teaching. Depending on personal interests and other skills acquired during their studies in both the major and the minor, students may realize the possibility of working in areas such as humanitarian/development work or natural language processing.

### Requirements:

Branch of Study: Egyptology, German Language and Literature, English Language and Literature, French Language and Literature, Ibero-Romance Languages and Literatures, South Asian Studies, Italian Language and Literature, Classical Philology, Linguistics, Modern Greek Language and Literature, Nordic Languages and Literatures, Islamic and Middle Eastern Studies, East Asian Studies, Rhaeto-Romanic Languages and Literatures, Slavonic Languages and Literatures, Social and Cultural Anthropology, Central Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Comparative Language Science

Academic Advisor: studyadvisor@ivs.uzh.ch

Responsible Instructor: Paul Widmer



Coordination: Lena Dorothea Elisabeth Zipp

**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Religionswissenschaft (2024)

### **Description:**

#### General description:

Im Zentrum eines Doktorats in Religionswissenschaft steht eine Dissertation, aus der die Befähigung zu selbständiger Forschung hervorgeht. Fragestellung und Methoden sind je nach Thema vergleichend, historisch-philologisch, kultur- oder sozialwissenschaftlich ausgerichtet. Das Forschungsprojekt wird durch eine Promotionskommission begleitet, der mindestens zwei habilitierte Fachvertreter(innen) angehören. Das Allgemeine Doktorat umfasst neben der Dissertation einen curricularen Anteil im Umfang von min. 12 ECTS Credits sowie ein Promotionskolloquium. Kreditiert wird der Besuch von Forschungskolloquien, universitäre Lehre, aktive Teilnahme an wissenschaftlichen Tagungen und der Erwerb überfachlicher Kompetenzen.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

#### Coordination:

#### **Part of:**

Doctorate Faculty of Theology and the Study of Religion



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Theologie (2024)

### **Description:**

#### General description:

Das allgemeine Doktorat umfasst das Verfassen der Dissertation, aus der die Befähigung zu selbstständiger wissenschaftlicher Forschung hervorgeht, einen curricularen Anteil im Umfang von mindestens 12 ECTS Credits sowie ein Promotionskolloquium.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Jörg Frey

Coordination:

#### **Part of:**

Doctorate Faculty of Theology and the Study of Religion



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Religionswissenschaft (2024)

### **Description:**

#### General description:

Im Zentrum eines Dokorats in Religionswissenschaft steht eine Dissertation, aus der die Befähigung zu selbständiger Forschung hervorgeht. Fragestellung und Methoden sind je nach Thema vergleichend, historisch-philologisch, kultur- oder sozialwissenschaftlich ausgerichtet. Das Forschungsprojekt wird durch eine Promotionskommission begleitet, der mindestens zwei habilitierte Fachvertreter(innen) angehören. Das Doktorat im Rahmen eines Doktoratsprogramms umfasst neben der Dissertation einen curricularen Anteil im Umfang von min. 30 ECTS Credits sowie ein Promotionskolloquium. Kreditiert wird der Besuch von Forschungskolloquien, universitäre Lehre, aktive Teilnahme an wissenschaftlichen Tagungen und der Erwerb überfachlicher Kompetenzen.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

#### Coordination:

#### **Part of:**

Doctorate Faculty of Theology and the Study of Religion



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Theologie (2024)

### **Description:**

#### General description:

Das Doktorat im Rahmen eines Doktoratsprogramms umfasst das Verfassen der Dissertation, aus der die Befähigung zu selbstständiger wissenschaftlicher Forschung hervorgeht, sowie einen curricularen Anteil im Umfang von 30 ECTS-Kreditpunkten.

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Jörg Frey

Coordination:

#### **Part of:**

Doctorate Faculty of Theology and the Study of Religion



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Study of Religions

### **Description:**

#### General description:

To earn a doctorate in the Study of Religions, students are required to write a PhD thesis, thus demonstrating their ability to conduct independent research. Depending on the specific topic, the research question and methodology applied reflect a historical-philological, comparative, cultural, or sociological approach. The doctoral project is supervised by a doctoral committee consisting of at least two qualified professors. In addition to writing a PhD thesis, students in the Individual Doctoral Program must also perform coursework worth at least 30 ECTS credits and attend a doctoral colloquium. Students receive credit for attendance at research symposiums, university-level teaching duties, and participation in conferences.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

#### **Part of:**

Doctorate Fac. of Theol. and Study of Rel. and Fac. Arts and Social Sc.



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Study of Religions

### **Description:**

#### General description:

To earn a doctorate in the Study of Religions, students are required to write a PhD thesis, thus demonstrating their ability to conduct independent research. Depending on the specific topic, the research question and methodology applied reflect a historical-philological, comparative, cultural, or sociological approach. The doctoral project is supervised by a doctoral committee consisting of at least two qualified professors. In addition to writing a PhD thesis, students in the Individual Doctoral Program must also perform coursework worth at least 12 ECTS credits and attend a doctoral colloquium. Students receive credit for attendance at research symposiums, university-level teaching duties, and participation in conferences.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

#### **Part of:**

Doctorate Fac. of Theol. and Study of Rel. and Fac. Arts and Social Sc.





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Theology

### **Description:**

#### General description:

Requirements for the Individual Doctoral Program include writing a PhD thesis, which demonstrates the candidate's ability to conduct independent research. In addition courses worth at least 30 ECTS credits must be attended.

Main Language of  
Instruction: German

### **Requirements:**

### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Jörg Frey

Coordination:

### **Part of:**

Doctorate Faculty of Theology and the Study of Religion (2010)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Study of Religions

### **Description:**

#### General description:

To earn a doctorate in the Study of Religions, students are required to write a PhD thesis, thus demonstrating their ability to conduct independent research. Depending on the specific topic, the research question and methodology applied reflect a historical-philological, comparative, cultural, or sociological approach. The doctoral project is supervised by a doctoral committee consisting of at least two qualified professors. In addition to writing a PhD thesis, students in the Individual Doctoral Program must also perform coursework worth at least 12 ECTS credits and attend a doctoral colloquium. Students receive credit for attendance at research symposiums, university-level teaching duties, and participation in conferences.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

#### **Part of:**

Doctorate Faculty of Theology and the Study of Religion (2010)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Individual Doctorate Theology

### **Description:**

#### General description:

Requirements for the Individual Doctorate include writing a PhD thesis, which demonstrating the candidate's ability to conduct independent research. In addition, courses worth at least 12 ECTS credits and a PhD colloquium must be attended.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Jörg Frey

Coordination:

#### **Part of:**

Doctorate Faculty of Theology and the Study of Religion (2010)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Doctoral Program Study of Religions

### **Description:**

#### General description:

To earn a doctorate in the Study of Religions, students are required to write a PhD thesis, thus demonstrating their ability to conduct independent research. Depending on the specific topic, the research question and methodology applied reflect a historical-philological, comparative, cultural, or sociological approach. The doctoral project is supervised by a doctoral committee consisting of at least two qualified professors. In addition to writing a PhD thesis, students in the Individual Doctoral Program must also perform coursework worth at least 30 ECTS credits and attend a doctoral colloquium. Students receive credit for attendance at research symposiums, university-level teaching duties, and participation in conferences.

Main Language of Instruction: German

### **Requirements:**

#### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

#### **Part of:**

Doctorate Faculty of Theology and the Study of Religion (2010)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 120 Philosophy in Asia and the Islamic World

### Description:

#### General description:

The Philosophy in Asia and the Islamic World study program imparts the ability to discuss at an academic level philosophical problems and topics on the basis of a knowledge of a broad range of relevant traditions. Those completing the program gain an overview of the history of philosophy in various traditions (China, Europe, India, the Islamic world, and Japan). They acquire a knowledge of how basic problems of philosophy are defined and discussed in the relevant literatures, and the ability to work on philosophical texts and specialist literature in at least one non-European source language. They are also able to reflect on the influence of historical and historiographic developments on the understanding and resolution of philosophical problems.

Main Language of Instruction: German

#### Career Prospects:

«Philosophie in Asien und der islamischen Welt» ist ein forschungso Studienprogramm. Es qualifiziert je nach gewähltem philologischem Profil für ein Doktoratsstudium in den Fächern Indologie, Islamwissenschaft, Japanologie, Philosophie oder Sinologie. Darüber hinaus vermittelt es Kenntnisse der globalen Philosophiegeschichte sowie Fähigkeiten zur Recherche, Erschliessung und kritischen Bewertung philosophischer Quellen und Konzepte, die in einem breiten Spektrum beruflicher Anwendungsgebiete nützlich sind - vom akademischen Bereich über den Journalismus und den diplomatischen Dienst bis zur Arbeit in Unternehmen verschiedenster Branchen.

### Requirements:

:

Spezialisiertes Masterprogramm: Es gelten ggf. besondere Zulassungsvoraussetzungen. Siehe dazu die Studienordnung für das Programm (s. Reglemente).

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: eas.studentadmin@aoi.uzh.ch

Responsible Instructor: Raji Carl Ludwig Steineck

Coordination: Kathrin Ensinger

### Part of:

Master of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 90 Teaching Ethics, Religions, Community

### **Description:**

#### General description:

The Joint Degree Master's programme in Teaching Ethics, Religions, Community by the Zurich University of Teacher Education (PHZH) and the University of Zurich (UZH) is a specialized Master's degree programme requiring 90 ECTS credits that are studied part-time. In this Master's degree programme, students explore questions and problems of teaching Ethics, Religions, Community as a school subject. They acquire in-depth knowledge and skills in subject-specific teaching and research, enabling them to teach and conduct research at universities of teacher education in the field of teaching Ethics, Religions, Community.

### **Requirements:**

#### **Organization:**

Organization: Institute of Education

Responsible Instructor:

Coordination:

#### **Part of:**

Master of Arts PHZH UZH in Teaching Ethics, Religions, Community



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Lab Automation and Chemical Data Science

### Description:

#### General description:

A minor study program in Lab Automation and Chemical Data Science (30 ECTS credits) prepares students for the modern challenges in the life sciences. They will be equipped with tools such as laboratory automation and machine learning. This minor study program provides students with theoretical fundamentals and practical experience of new technologies and data science in the laboratory area. Project work makes it possible to apply the fundamentals learned in various subject areas from chemistry, biochemistry, biology and other disciplines with a laboratory context, thus enabling the program to be tailored to individual interests.

:

Graduates of a minor study program in «Lab Automation and Chemical Data Science» (30 ECTS credits) are able to:

1. use Python code for data analytics and data-based approaches (e.g. machine learning),
2. assess the possibilities of automation for a given problem in the laboratory and select the most suitable technology (instrumental analysis, high-throughput screening, flow chemistry),
3. assess data according to type and quality using statistical tools,
4. process, interpret and make accessible chemical data,
5. assess the applicability of artificial intelligence and machine learning for a given chemical problem and select an appropriate data-based model to solve the problem,
6. design and carry out an optimal workflow for solving an experimental problem (experimental setup, analytical methods, data processing, logging) and
7. deal with various automation technologies based on their practical experience.

Main Language of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

:

In the minor study program «Lab Automation and Chemical Data Science» a basic knowledge of chemistry in theory and practice is required («CHE 170 Fundamentals of Chemistry for Students of Life Sciences» (in German) and «CHE 171 Basic Laboratory Course in Chemistry for the Life Sciences» or equivalent modules). If this knowledge has not been acquired previously, CHE 170 and CHE 171 must be completed at the beginning of the minor study program. These modules can be credited in the elective area as part of the ECTS credits to be completed there.

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: 22 ECTS credits from compulsory modules

8 ECTS credits from elective modules in areas relevant to this minor study program (in consultation with the student advisory service for the minor study program) or, obligatory, the modules CHE 170 (in German) and CHE 171 if this knowledge has not yet been acquired.





Organization: Faculty of Science

Academic Advisor: Dr. Johannes Schörgenhumer

johannes.schoergenheimer@chem.uzh.ch

Responsible Instructor: Cristina Nevado Blazquez

Coordination: Sabine Stockhause

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Lab Automation and Chemical Data Science

### Description:

#### General description:

A minor study program in Lab Automation and Chemical Data Science (30 ECTS credits) at Master' level prepares students for the modern challenges in the life sciences. They will be equipped with tools such as laboratory automation and machine learning. This minor study program provides students with theoretical fundamentals and practical experience of new technologies and data science in the laboratory area. Project work makes it possible to apply the fundamentals learned in various subject areas from chemistry, biochemistry, biology and other disciplines with a laboratory context, thus enabling the program to be tailored to individual interests.

:

Graduates of a minor study program in «Lab Automation and Chemical Data Science» (30 ECTS credits) are able to:

1. use Python code for data analytics and data-based approaches (e.g. machine learning);
2. assess the possibilities of automation for a given problem in the laboratory and select the most suitable technology (instrumental analysis, high-throughput screening, flow chemistry);
3. assess data according to type and quality using statistical tools,
4. process, interpret and make accessible chemical data;
5. assess the applicability of artificial intelligence and machine learning for a given chemical problem and select an appropriate data-based model to solve the problem;
6. design and carry out an optimal workflow for solving an experimental problem (experimental setup, analytical methods, data processing, logging) and
7. deal with various automation technologies based on their practical experience.

Main Language of Instruction: English

### Requirements:

:

The provisions laid out in the framework ordinance for Bachelor's and Master's degree programs and the provisions defined in the program regulations at the Faculty of Science of the University of Zurich, apply.

:

If the minor study program «Lab Automation and Chemical Data Science» has already been completed at bachelor's level, it cannot be chosen at master's level.

In the minor study program «Lab Automation and Chemical Data Science» a basic knowledge of chemistry in theory and practice is required («CHE 170 Fundamentals of Chemistry for Students of Life Sciences» (in German) and «CHE 171 Basic Laboratory Course in Chemistry for the Life Sciences» or equivalent modules). If this knowledge has not been acquired previously, CHE 170 and CHE171 must be completed at the beginning of the minor study program. These modules can be credited in the elective area as part of the ECTS credits to be completed there.

#### Grading:

The student's achievement is assessed at the end of each module.

Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient.

Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: 22 ECTS credits from compulsory modules

8 ECTS credits from elective modules in areas relevant to this minor study program (in consultation with the student advisory service for the minor study program) or, obligatory, the modules CHE 170 (in German) and CHE 171 if this knowledge has not yet been acquired.

Organization: Faculty of Science

Academic Advisor: Dr. Johannes Schörgenhumer

johannes.schoergenheimer@chem.uzh.ch

Responsible Instructor: Cristina Nevado Blazquez

Coordination: Sabine Stockhause

**Part of:**

Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major Economics (Fast Track)

### **Description:**

#### General description:

The MSc offers advanced academic training and enables students to undertake independent economic, project-oriented assignments. The degree program is part of the structured fast-track doctoral program and aimed at students who are interested in pursuing an academic career. In Economics, the complex interrelation between markets is studied. 30 ECTS credits are acquired in compulsory modules from the Master's level.

Additionally, a minimum of 30 ECTS credits are completed in core elective modules from the Master's level or in compulsory or core elective modules from the doctoral level. Finally, a research proposal accounts for a further 30 ECTS credits.

### **Requirements:**

:

The conditions for admission to the Doctoral program in Economics and Business Administration are published at: <http://www.oec.uzh.ch/en/admission-phd>

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### **Organization:**

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

### **Part of:**

Master of Science UZH in Business and Economics (C, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major Management and Economics (Fast Track)

### **Description:**

#### General description:

The MSc offers advanced academic training and enables students to undertake independent economic, project-oriented assignments. In Management and Economics, multifaceted skills and an interdisciplinary understanding are acquired. The degree program is part of the structured fast-track doctoral program and aimed at students who are interested in pursuing an academic career. In Management and Economics, 36 ECTS credits are acquired in compulsory modules and 6 ECTS credits in core elective modules from the Master's level. Another 18 ECTS credits are acquired in compulsory or core elective modules from the doctoral level. Finally, a research proposal accounts for a further 30 ECTS credits.

### **Requirements:**

:

The conditions for admission to the Doctoral program in Economics and Business Administration are published at: <http://www.oec.uzh.ch/en/admission-phd>

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### **Organization:**

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

### **Part of:**

Master of Science UZH in Business and Economics (C, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major Betriebswirtschaftslehre (Fast Track)

### **Description:**

#### General description:

The MSc offers advanced academic training and enables students to undertake independent economic, project-oriented assignments. The degree program is part of the structured fast-track doctoral program and aimed at students who are interested in pursuing an academic career. In Business Administration, a wide range of specific, interrelated issues in connection with businesses and markets are studied. 12 ECTS credits are acquired in compulsory modules and 30 ECTS credits in core elective modules from the Master's level. Additionally, a minimum of 18 ECTS credits are completed in compulsory or core elective modules from the doctoral level. Finally, a research proposal accounts for a further 30 ECTS credits.

### **Requirements:**

:

The conditions for admission to the Doctoral program in Economics and Business Administration are published at: <http://www.oec.uzh.ch/en/admission-phd>

Grading: Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### **Organization:**

Organization: Faculty of Business, Economics and Informatics

Academic Advisor: <http://www.oec.uzh.ch/en/advising>

Responsible Instructor:

Coordination:

### **Part of:**

Master of Science UZH in Business and Economics (C, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major Banking and Finance (Fast Track)

### **Description:**

#### General description:

The MSc offers advanced academic training and enables students to undertake independent economic, project-oriented assignments. The degree program is part of the structured fast-track doctoral program and aimed at students who are interested in pursuing an academic career. In Banking and Finance, 30 ECTS credits are acquired in compulsory modules and 15 ECTS credits in core elective modules from the Master's level.

Additionally, a minimum of 15 ECTS credit completed in compulsory or core elective modules from the doctoral level.

Finally, a research proposal accounts for a further 30 ECTS credits.

### **Requirements:**

:

The conditions for admission to the Doctoral program in Economics and Business Administration are published at: <https://www.oec.uzh.ch/en/admission-phd>

#### Grading:

Assessments are evaluated with grades or on a pass/fail basis. Grades from 1 to 6 are assigned to graded assessments, where 6 indicates the highest grade and 1 the lowest. A grade of 4 or higher is sufficient to pass. Half and quarter grades are permitted.

### **Organization:**

#### Organization:

Faculty of Business, Economics and Informatics

#### Academic Advisor:

<http://www.oec.uzh.ch/en/advising>

#### Responsible Instructor:

#### Coordination:

### **Part of:**

Master of Science UZH in Business and Economics (C, PVO13)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Digital Skills

### Description:

#### General description:

The degree program «Digital Skills» enables all students of the UZH acquire competencies to meet the challenges of the digital transformation and to take advantage of its opportunities. The curriculum provides for interdisciplinary teaching/learning settings that allow critical reflection, promote understanding of different issues, approaches and methods, and enable the acquisition of «digital skills». The program is supported by the interdisciplinary network of lecturers of the Digital Society Initiative (DSI). In addition to the acquisition of technical skills, the examination of ethical, legal and social issues in connection with digitalization is a continuous topic throughout the entire curriculum.

:

After completing this degree program, you will understand the context of the digital transformation in our society. You will be able to build or expand your programming knowledge and digital skills by applying them to interdisciplinary challenges. You can profitably contribute your experience from group work with students from different disciplines to a research team or in your professional life. In your future projects, you will be sensitive to ethical and legal issues. For questions outside your own discipline, you can draw on the network with your fellow students and DSI researchers, which you will regularly maintain and expand in our alumni meetings.

Main Language of Instruction: English

### Requirements:

Branch of Study: Informatics

### Organization:

Organization: School for Transdisciplinary Studies

Responsible Instructor:

Coordination:

### Part of:

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

School for Transdisciplinary Studies

Master of Arts UZH in Business and Economics (RVO22)

Master of Arts in Ancient Judaism (JDP)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Evolutionary Language Science

### Description:

#### General description:

Those completing the program are equipped with the specialist linguistic knowledge required to analyze language evolution. They have mastered an interdisciplinary approach to language(s) and language development from the perspective of biology, anthropology, and cognitive science. They have advanced knowledge of quantitative and qualitative analytical methods, experience with the interdisciplinary presentation of research and its findings, and are capable of designing and conducting interdisciplinary research.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Wie viele andere universitäre Studienprogramme führt das Studium der Evolutionären Linguistik nicht zu einem bestimmten Beruf. Eines der wichtigsten späteren Tätigkeitsfelder ist die Forschung, die je nach Profil ganz unterschiedlich aussehen kann. Interesse an Sprache(n), Freude an Analyse und selbständiges Arbeiten sind aber in jedem Fall wichtige Komponenten. Ausserhalb der Universität ist es dank des interdisziplinären Charakters des Studienprogramms möglich, in viele Bereiche einzusteigen, insbesondere aber in einen der vielen Berufe, die mit Sprache, Text und Kommunikation zu tun haben, wie z. B. Lektorat, PR-Beratung, Übersetzung oder Sprachlehre. Je nach Interesse können die Kenntnisse von nicht-europäischen Sprachen, die während des Studiums erworben werden, sowie die zusätzlichen Qualifikationen aus den Nebenfächern auch als Grundlage dienen, in anderen Feldern wie Entwicklungszusammenarbeit oder Computerlinguistik tätig zu werden.

### Requirements:

Branch of Study: Egyptology, Biology, German Language and Literature, English Language and Literature, French Language and Literature, Ibero-Romance Languages and Literatures, South Asian Studies, Italian Language and Literature, Classical Philology, Linguistics, Modern Greek Language and Literature, Nordic Languages and Literatures, Islamic and Middle Eastern Studies, East Asian Studies, Philosophy, Psychology, Rhaeto-Romanic Languages and Literatures, Slavonic Languages and Literatures, Social and Cultural Anthropology, Central Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Department of Comparative Language Science

Academic Advisor: [studyadvisor@ivs.uzh.ch](mailto:studyadvisor@ivs.uzh.ch)

Responsible Instructor: Paul Widmer



Coordination: Lena Dorothea Elisabeth Zipp

**Part of:**

Master of Science Faculty of Science (120) (2021)

Master of Arts (RVO19)

Master of Arts in Social Sciences (RVO19)

Master of Arts UZH in Study of Religions Bologna 2020

Master of Theology UZH Bologna 2020

Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Evolutionary Language Science

### Description:

#### General description:

Those completing the program are equipped with the specialist linguistic knowledge required to analyze language evolution. They have mastered an interdisciplinary approach to language(s) and language development from the perspective of biology, anthropology, and cognitive science. They have advanced knowledge of quantitative and qualitative analytical methods, experience with the interdisciplinary presentation of research and its findings, and are capable of designing and conducting interdisciplinary research.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Wie viele andere universitäre Studienprogramme führt das Studium der Evolutionären Linguistik nicht zu einem bestimmten Beruf. Eines der wichtigsten späteren Tätigkeitsfelder ist die Forschung, die je nach Profil ganz unterschiedlich aussehen kann. Interesse an Sprache(n), Freude an Analyse und selbständiges Arbeiten sind aber in jedem Fall wichtige Komponenten. Ausserhalb der Universität ist es dank des interdisziplinären Charakters des Studienprogramms möglich, in viele Bereiche einzusteigen, insbesondere aber in einen der vielen Berufe, die mit Sprache, Text und Kommunikation zu tun haben, wie z. B. Lektorat, PR-Beratung, Übersetzung oder Sprachlehre. Je nach Interesse können die Kenntnisse von nicht-europäischen Sprachen, die während des Studiums erworben werden, sowie die zusätzlichen Qualifikationen aus den Nebenfächern auch als Grundlage dienen, in anderen Feldern wie Entwicklungszusammenarbeit oder Computerlinguistik tätig zu werden.

### Requirements:

Branch of Study: Egyptology, Biology, German Language and Literature, English Language and Literature, French Language and Literature, Ibero-Romance Languages and Literatures, South Asian Studies, Italian Language and Literature, Classical Philology, Linguistics, Modern Greek Language and Literature, Nordic Languages and Literatures, Islamic and Middle Eastern Studies, East Asian Studies, Philosophy, Psychology, Rhaeto-Romanic Languages and Literatures, Slavonic Languages and Literatures, Social and Cultural Anthropology, Central Asian Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzzeit einher.

Organization: Department of Comparative Language Science

Academic Advisor: studyadvisor@ivs.uzh.ch

Responsible Instructor: Paul Widmer



**Universität  
Zürich**<sup>UZH</sup>

Coordination:

Lena Dorothea Elisabeth Zipp

**Part of:**

Master of Arts (RVO19)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Islamic Studies

### Description:

#### General description:

The minor in Islamic Studies equips students with fundamental expertise in the past and present of the Islamic world on the basis of intensive language study.

Candidates must learn Arabic, and can optionally also learn Persian or Turkish.

In their chosen languages they acquire the ability to precisely understand texts and speech in the original languages. They also acquire an extensive knowledge of the three areas of history, religion, and culture, and thus gain a fundamental understanding of the most important historical developments, normative foundations, and societal structures in the Islamic world. Those completing the program are able to apply their linguistic skills and solid regional expertise in the context of theoretical and practical questions.

Main Language of Instruction: German

#### Career Prospects:

Als spätere Tätigkeitsbereiche kommen alle Berufe infrage, in denen Sprachkenntnisse und interkulturelle Kompetenz benötigt werden. Der islamwissenschaftliche Minor in Verbindung mit Major-Studienprogrammen wie z.B.

in Politikwissenschaft, Geschichte oder Soziologie eröffnet Chancen im Journalismus, in Diplomatie und Verwaltung, im Bildungsbereich, bei Stiftungen oder im Tourismus tätig. Auch internationale Organisationen wie das IKRK eröffnen Absolventinnen und Absolventen vielfältige Berufschancen. Zusammen mit einem Masterstudium bildet der Bachelor in Islamwissenschaft die Grundlage für eine wissenschaftliche Laufbahn.

### Requirements:

Branch of Study: Islamic and Middle Eastern Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: isl.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich<sup>UZH</sup>**

Bachelor of Arts (RVO19)

Bachelor of Arts in Social Sciences (RVO 19)

Bachelor of Science in Psychology (RVO19)

BA UZH in Study of Religions Bologna 2020

Bachelor of Theology UZH Bologna 2020



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Islamic Studies

### **Description:**

#### General description:

The major in Islamic Studies equips students with broad expertise in the past and present of the Islamic world on the basis of intensive language study. They must learn Arabic and Persian, and can optionally also learn Turkish. In their chosen languages they acquire the ability to precisely understand texts and speech in the original languages. They also acquire a comprehensive knowledge of the three areas of history, religion, and culture, and thus gain a profound understanding of the most important historical developments, normative foundations, and societal structures in the Islamic world. Augmenting the program is a wide range of cross-disciplinary modules, and continuing education courses serving as a professional qualification. Those completing the program are able to apply their linguistic skills and broad regional expertise in the context of theoretical and practical questions.

Main Language of Instruction: German

#### Career Prospects:

Als spätere Tätigkeitsbereiche kommen alle Berufe infrage, in denen Sprachkenntnisse und interkulturelle Kompetenz benötigt werden.

Islamwissenschaftlerinnen und Islamwissenschaftler mit Bachelorabschluss sind im Journalismus, in Diplomatie und Verwaltung, im Bildungsbereich, bei Stiftungen oder im Tourismus tätig. Auch internationale Organisationen wie das IKRK eröffnen Absolventinnen und Absolventen vielfältige Berufschancen.

Zusammen mit einem Masterstudium bildet der Bachelor in Islamwissenschaft die Grundlage für eine wissenschaftliche Laufbahn.

### **Requirements:**

Branch of Study: Islamic and Middle Eastern Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### **Organization:**

Program Structure: Bachelorprogramme bestehen aus einer ein- oder zweisemestrigen Studieneingangsstufe, während der Eignung und Neigung überprüft werden können.

Major/Minor-Combinations: Der Bachelorstudiengang besteht aus einem Major-Studienprogramm von 120 ECTS Credits in Kombination mit einem Minor-Studienprogramm von 60 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: isl.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### **Part of:**

Bachelor of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Islamic Studies

### Description:

#### General description:

The minor in Islamic Studies equips students with in-depth expertise of fundamental aspects of the past and present of the Islamic world and the Middle East, in relation to two thematic areas: the history of ideas, addressing across time the themes of Islamic philosophy, religion, and history of knowledge, and normative traditions of the Islamic world; and the modern Muslim world, spanning social, cultural, religious, and political developments in countries shaped by Islam, from the 18th century to the present day. In the course of the program students have the opportunity to build on their knowledge of Arabic and train in Persian or Turkish. Those completing the program are equipped to critically address scholarly insights, and to communicate and apply their knowledge of specific subjects in academic and non-academic contexts.

Main Language of Instruction: German

Further Languages of Instruction: English

#### Career Prospects:

Das Master Studienprogramm «Islamwissenschaft» vermittelt die Fähigkeit Sachfragen kritisch zu diskutieren sowie selbständige Fragestellungen zu entwickeln, und qualifiziert damit für ein Doktoratsstudium. Darüber hinaus können die erworbenen Sprach- und Sachkenntnisse sowie die Fähigkeiten zur Recherche und Erschließung von Themenfeldern mit Islam- und Nahostbezug in einem breiten Spektrum beruflicher Anwendungsgebiete eingesetzt werden.

Islamwissenschaftliche Kenntnisse sind z. B. in Wissenschaft und Forschung, Journalismus, Auslandsabteilungen von Firmen, Bibliotheken, Diplomatie und Verwaltung sowie Stiftungen von Nutzen. Auch internationale Organisationen wie das IKRK eröffnen Absolventinnen und Absolventen vielfältige Berufschancen.

### Requirements:

Branch of Study: Islamic and Middle Eastern Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: isl.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:



**Universität  
Zürich**<sup>UZH</sup>

Master of Science Faculty of Science (120) (2021)  
Master of Arts (RVO19)  
Master of Arts in Social Sciences (RVO19)  
Master of Arts UZH in Study of Religions Bologna 2020  
Master of Theology UZH Bologna 2020  
Master of Arts in Ancient Judaism (JDP)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 90 Islamic Studies

### Description:

#### General description:

The major in Islamic Studies equips students with in-depth, research-based expertise in the past and present of the Islamic world and the Middle East, and gives them the opportunity to specialize: The history of ideas addresses across time the themes of Islamic philosophy, religion, and history of knowledge, and normative traditions of the Islamic world. The study of the modern Muslim world revolves around social, cultural, religious, and political developments in countries shaped by Islam, from the 18th century to the present day. Students acquire a deeper knowledge of Arabic, and have the opportunity to train in Persian and Turkish. Those completing the program are equipped to critically address scholarly insights, do independent scholarly work, and to communicate and apply their knowledge of specific subjects in academic and non-academic contexts.

Main Language of Instruction: German

#### Career Prospects:

Das Master Studienprogramm «Islamwissenschaft» vermittelt die Fähigkeit Sachfragen kritisch zu diskutieren sowie selbständige Fragestellungen zu entwickeln, und qualifiziert damit für ein Doktoratsstudium. Darüber hinaus können die erworbenen Sprach- und Sachkenntnisse sowie die Fähigkeiten zur Recherche und Erschließung von Themenfeldern mit Islam- und Nahostbezug in einem breiten Spektrum beruflicher Anwendungsgebiete eingesetzt werden.

Islamwissenschaftlerinnen und Islamwissenschaftler sind z. B. in Wissenschaft und Forschung, Journalismus, Auslandsabteilungen von Unternehmen, Bibliotheken, Diplomatie und Verwaltung sowie Stiftungen tätig. Auch internationale Organisationen wie das IKRK eröffnen Absolventinnen und Absolventen vielfältige Berufschancen.

### Requirements:

Branch of Study: Islamic and Middle Eastern Studies

Regulations: <https://www.phil.uzh.ch/de/studium/dokumente.html>

### Organization:

Major/Minor-Combinations: Der Masterstudiengang besteht aus einem Mono-Studienprogramm von 120 ECTS Credits oder aus der Kombination eines Major-Studienprogramms 90 ECTS Credits mit einem Minor-Studienprogramm von 30 ECTS Credits. Das Minor-Studienprogramm kann an der Philosophischen Fakultät der UZH, an einer anderen Fakultät der UZH oder an einer anderen universitären Hochschule absolviert werden. Für allfällige Kombinationsverbote ist der programmspezifische Anhang zur Studienordnung zu beachten (s. Reglemente).

Part-Time Studies: Das Mustercurriculum orientiert sich an einem Vollzeitstudium. Ein Teilzeitstudium ist möglich und geht mit einer Verlängerung der Studienzeit einher.

Organization: Institute of Asian and Oriental Studies

Academic Advisor: isl.studies@aoi.uzh.ch, eas.studentadmin@aoi.uzh.ch

Responsible Instructor: David Chiavacci

Coordination: Kathrin Ensinger

### Part of:

Master of Arts (RVO19)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Applied Mathematics and Machine Learning

### Description:

#### General description:

The minor study program in Applied Mathematics and Machine Learning (60 ECTS credits) provides mathematical basics, knowledge of computers and computing as well as data and data analysis. The program equips students with the skills, tools and knowledge necessary to excel in a data-driven industry and prepares them to solve real-world problems.

:

At the end of this study program, students will have acquired the following skills:

- understand the relevant basic concepts of mathematics and can apply them
- Have a solid foundational knowledge of command line and compiled programming
- master algorithmic thinking and can assess the efficiency of algorithms
- can reformulate practical problems into mathematical models and analyze them using appropriate software
- can correctly analyze collected data using statistical methods
- can use machine learning to recognize structures in data

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics, Computational Science and Engineering

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study program in Applied Mathematics and Machine Learning (60 ECTS credits) provides mathematical basics, knowledge of computers and computing as well as data and data analysis. The program equips students with the skills, tools and knowledge necessary to excel in a data-driven industry and prepares them to solve real-world problems.

Major/Minor-Combinations: A combination with a major-study program in mathematics&nbsp;is not permitted.

Organization: Faculty of Science

Academic Advisor: &nbsp;studium@math.uzh.ch&nbsp;

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer



**Universität  
Zürich**<sup>UZH</sup>

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 120 Applied Mathematics and Machine Learning

### Description:

#### General description:

The major study program in Applied Mathematics and Machine Learning (120 ECTS credits) provides solid mathematical foundations, knowledge of computers and computing as well as data and data analysis. There are additional transversal modules on these three pillars. The program equips students with the necessary skills, tools and knowledge to excel in a data-driven industry and prepares them to solve real-world problems and contribute to innovation and growth.&nbsp;

:

At the end of this study program, students will have acquired the following skills:&nbsp;

- understand the basic concepts of mathematics and can apply them
- have solid basic knowledge of command line and compiled programming
- master algorithmic thinking and can assess the efficiency of algorithms
- can reformulate practical problems into mathematical models and analyze them using appropriate software
- can correctly analyze collected data using statistical methods and critically reflect on the significance of analysis results
- can use machine learning to recognize structures in data and generate new hypotheses
- can critically question scientific work and communicate research results competently in writing and orally&nbsp;
- can implement challenging problems and tasks in both individual and group projects

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics, Computational Science and Engineering

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The major study program in Applied Mathematics and Machine Learning (120 ECTS credits) provides solid mathematical foundations, knowledge of computers and computing as well as data and data analysis. There are additional transversal modules on these three pillars. The program equips students with the necessary skills, tools and knowledge to excel in a data-driven industry and prepares them to solve real-world problems and contribute to innovation.&nbsp;

Major/Minor-Combinations: A combination with the Minor study program Mathematics is not permitted. A combination with the minor study program Applied Probability and Statistics is not permitted.



Organization: Faculty of Science

Academic Advisor: studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Applied Mathematics and Machine Learning

### Description:

#### General description:

The major study program in Mathematics (150 ECTS credits) provides solid mathematical foundations, knowledge of computers and computing as well as data and data analysis. There are additional transversal modules on these three pillars. The program equips students with the necessary skills, tools and knowledge to excel in a data-driven industry and prepares them to solve real-world problems and contribute to innovation and growth.&nbsp;

:

At the end of this study program, students will have acquired the following skills:&nbsp;

- understand the basic concepts of mathematics and can apply them
- have solid basic knowledge of command line and compiled programming
- master algorithmic thinking and can assess the efficiency of algorithms
- can reformulate practical problems into mathematical models and analyze them using appropriate software
- can correctly analyze collected data using statistical methods and critically reflect on the significance of analysis results
- can use machine learning to recognize structures in data and generate new hypotheses
- can critically question scientific work and communicate research results competently in writing and orally&nbsp;
- can implement challenging problems and tasks in both individual and group projects

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics, Computational Science and Engineering

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The major study program in Applied Mathematics and Machine Learning (150 ECTS credits) provides solid mathematical foundations, knowledge of computers and computing as well as data and data analysis. There are additional transversal modules on these three pillars. The program equips students with the necessary skills, tools and knowledge to excel in a data-driven industry and prepares them to solve real-world problems and contribute to innovation.&nbsp;

Major/Minor-Combinations: A combination with the Minor study program Mathematics is not permitted. A combination with the Minor study program Applied Probability and Statistics is not permitted.

Organization: Faculty of Science



Academic Advisor: studium@math.uzh.ch

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Applied Mathematics and Machine Learning

### Description:

#### General description:

The single major study program in Applied Mathematics and Machine Learning (180 ECTS credits) provides solid mathematical foundations, knowledge of computers and computing as well as data and data analysis. There are additional transversal modules on these three pillars. The program equips students with the necessary skills, tools and knowledge to excel in a data-driven industry and prepares them to solve real-world problems and contribute to innovation and growth.&nbsp;

:

At the end of this study program, students will have acquired the following skills:&nbsp;

- understand the basic concepts of mathematics and can apply them
- have solid basic knowledge of command line and compiled programming
- master algorithmic thinking and can assess the efficiency of algorithms&nbsp;
- can reformulate practical problems into mathematical models and analyze them using appropriate software
- can correctly analyze collected data using statistical methods and critically reflect on the significance of analysis results&nbsp;
- can use machine learning to recognize structures in data and generate new hypotheses&nbsp;
- can critically question scientific work and communicate research results competently in writing and orally&nbsp;
- can implement challenging problems and tasks in both individual and group projects

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Mathematics, Computational Science and Engineering

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The single major study program in Applied Mathematics and Machine Learning (180 ECTS credits) provides solid mathematical foundations, knowledge of computers and computing as well as data and data analysis. There are additional transversal modules on these three pillars. The program equips students with the necessary skills, tools and knowledge to excel in a data-driven industry and prepares them to solve real-world problems and contribute to innovation.&nbsp;

Organization: Faculty of Science

Academic Advisor: &nbsp;studium@math.uzh.ch&nbsp;



**Universität  
Zürich**<sup>UZH</sup>

Responsible Instructor: Reinhard Furrer

Coordination: Maja Bettina Schärer

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Spatial Data Science

### Description:

#### General description:

A minor in Spatial Data Science (30 ECTS credits) provides fundamental digital skills in dealing with spatial data. Students learn to analyse spatial patterns across different scales and gain a sound understanding of the fundamentals of programming for spatial applications. Particular emphasis is placed on practical skills in the use of digital tools for the acquisition, analysis and visualisation of spatial data. In addition, ethical and social aspects of modern technologies will be addressed to promote the responsible use of these tools.

:

- Students are able to effectively acquire, organise, model and interpret spatial data and basic scientific information.
- Students are able to apply diverse analytical methods to address real-world spatial problems.
- Students are able to develop python-based programming solutions to geospatial workflows, ensuring clarity, reproducibility, and scalability.

Main Language of English

Instruction:

Further Languages of German

Instruction:

### Requirements:

:

The following academic degrees exempt the holder from having to pass any further examinations for admission to the a Master's degree course: -A Bachelor's degree from the Faculty of Science of the University of Zurich, whereby the Faculty determines which types of the Bachelor's degree are required for admission to the respective Master's degree courses. - Corresponding degrees of Swiss and foreign universities which are generally recognized by the Faculty, or recognized by subject. In terms of paragraph 1, such degrees are reviewed according to the stipulations of § 3 of the Bolo guideline of the Swiss University Conference. Further possibilities for admission to a Master's degree course: the Faculty assesses all other qualifications, in particular those from universities of applied sciences, according to its own criteria, whereby. The principle of equal treatment applies to assessing the equivalence of Bachelor's degrees The Faculty can require the fulfillment of additional conditions in form of evidence of academic achievement. The Faculty decides about the acceptance of academic achievements and credit points which were obtained elsewhere.

#### Grading:

The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:



Program Structure: The minor study programme Spatial Data Science (30 ECTS credits) comprises the following six compulsory modules with 5 ECTS credits each:

- SDS 110 - Grundlagen zur Arbeit mit digitalen räumlichen Daten I (Fundamentals of Spatial Data)
- SDS 210 - Grundlagen zur Arbeit mit digitalen räumlichen Daten II (Programming with Spatial Data)
- SDS 320 - Anwendungskompetenzen digitaler Datenanalysen (Spatial Data Analytics)
- GEO 113 - Fernerkundung und Geographische Informationswissenschaft I (Earth Perspectives: Introduction to Geographic Information Science and Remote Sensing)
- GEO 123 - Fernerkundung und Geographische Informationswissenschaft II (Cartography & Geovisualisation)
- GEO 243 - Fernerkundung und Geographische Informationswissenschaft IV (Spatial Analysis with GIS)

Major/Minor-Combinations: The minor study program «Spatial Data Science» may not be combined with the major study program «Earth System Sciences» at master's level.&nbsp;nbsp; The minor study program «Spatial Data Science» may not be combined with a major study program «Geography» at either bachelor's or master's level.

The complementary minor study program «Spatial Data Science» at master's level may not be completed if compulsory modules of the minor study program «Spatial Data Science» have already been credited for the bachelor's degree. Students from a study program in earth system science or geography can have the «Spatial Data Science» modules credited in the elective or compulsory elective area after consulting the study coordinator.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Hendrik Wulf

**Part of:**  
Master of Science Faculty of Science (120) (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Spatial Data Science

### Description:

#### General description:

A minor in Spatial Data Science (30 ECTS credits) provides fundamental digital skills in dealing with spatial data. Students learn to analyse spatial patterns across different scales and gain a sound understanding of the fundamentals of programming for spatial applications. Particular emphasis is placed on practical skills in the use of digital tools for the acquisition, analysis and visualisation of spatial data. In addition, ethical and social aspects of modern technologies will be addressed to promote the responsible use of these tools.

:

- Students are able to effectively acquire, organise, model and interpret spatial data and basic scientific information.
- Students are able to apply diverse analytical methods to address real-world spatial problems.
- Students are able to develop python-based programming solutions to geospatial workflows, ensuring clarity, reproducibility, and scalability.

Main Language of Instruction: English

Further Languages of Instruction: German

### Requirements:

:

The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Program Structure: The minor study programme Spatial Data Science (30 ECTS credits) comprises the following six compulsory modules with 5 ECTS credits each:

- SDS 110 - Grundlagen zur Arbeit mit digitalen räumlichen Daten I (Fundamentals of Spatial Data)
- SDS 210 - Grundlagen zur Arbeit mit digitalen räumlichen Daten II (Programming with Spatial Data)
- SDS 320 - Anwendungskompetenzen digitaler Datenanalysen (Spatial Data Analytics)
- GEO 113 - Fernerkundung und Geographische Informationswissenschaft I (Earth Perspectives: Introduction to Geographic Information Science and Remote Sensing)
- GEO 123 - Fernerkundung und Geographische Informationswissenschaft II (Cartography & Geovisualisation)
- GEO 243 - Fernerkundung und Geographische Informationswissenschaft IV (Spatial Analysis with GIS)



Major/Minor-Combinations:

- The minor study program «Spatial Data Science» may not be combined with the major study program «Earth System Sciences» at master's level.&nbsp;
- The minor study program «Spatial Data Science» may not be combined with a major study program «Geography» at either bachelor's or master's level.
- The complementary minor study program «Spatial Data Science» at master's level may not be completed if compulsory modules of the minor study program «Spatial Data Science» have already been credited for the bachelor's degree.

Students from a study program in earth system science or geography can have the «Spatial Data Science» modules credited in the elective or compulsory elective area after consulting the study coordinator.

Organization: Faculty of Science

Academic Advisor: student-advice@geo.uzh.ch

Responsible Instructor: Norman Backhaus

Coordination: Hendrik Wulf

**Part of:**

Bachelor of Science Faculty of Science (2021)





## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Astronomy and Astrophysics

### Description:

#### General description:

The single major study program in Astronomy and Astrophysics (180 ECTS credits) offers a broad basic education in the areas of astrophysics, astronomy, mathematics, physics and computational sciences. This includes a deep understanding of the relevant physical laws as well as the mathematical and numerical tools essential for astrophysical calculations. Students are also introduced to research methods and techniques used in astrophysics and astronomy. This includes the ability to design experiments, analyze data and create the conditions for advanced scientific research.

:

Graduates of a single-major and major study program in astronomy and astrophysics receive the necessary basic training in physics, mathematics and computing as well as a comprehensive insight into astronomy and astrophysics. Graduates have achieved the following qualifications:

- 1) They understand the physical processes in astronomical objects and can describe them theoretically.
- 2) They can work scientifically with large data sets, use mathematical tools and other scientific methods for calculation in order to understand and model/simulate astrophysical processes.
- 3) They are well versed in using modern computer-aided technologies and their application in science.
- 4) They have fundamental knowledge of the most important areas of astronomy and astrophysics and have gained insights into current research areas.
- 5) They are able to work in a group and plan and structure your work within a given schedule.

The bachelor study-program in astronomy and astrophysics ends with a bachelor's thesis, which usually consists of active participation in one of the research groups in experimental or theoretical/computational astronomy and astrophysics. The graduates learn, using a concrete example from current research and with guidance, that they can make their own research contribution.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

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The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

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The teaching languages are German or English. Knowledge of English at level B2 of the European Framework of Reference for Languages is therefore recommended. This study program can only be started in the fall semester.

Branch of Study: Physics, Computational Science and Engineering

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The first year of study primarily includes basic mathematical and physical modules as well as an introduction to astronomy and scientific computing. The second year of study consists of compulsory modules on astrophysics and astronomy as well as further lectures on physics. In the third year of study, the focus is on selectable modules in astrophysics and related fields of study. In the case of the major study program, the minor study program is added in the third year. Students complete the Single Major 180 or Major 150 course with a bachelor thesis.

Major/Minor-Combinations: A major study program in Astronomy and Astrophysics may not be combined with a minor study program in Astrophysics or a minor study program in Astronomy and Astrobiology.

Organization: Faculty of Science

Academic Advisor: aurel.schneider@uzh.ch

Responsible Instructor: Aurel Johannes Schneider

Coordination: Anna Katharina Troller

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Major 150 Astronomy and Astrophysics

### Description:

#### General description:

The major study program in Astronomy and Astrophysics (150 ECTS credits) offers a broad basic education in the areas of astrophysics, astronomy, mathematics, physics and computational sciences. This includes a deep understanding of the relevant physical laws as well as the mathematical and numerical tools essential for astrophysical calculations. Students are also introduced to research methods and techniques used in astrophysics and astronomy. This includes the ability to design experiments, analyze data and create the conditions for advanced scientific research.

:  
Graduates of a single-major and major study program in astronomy and astrophysics receive the necessary basic training in physics, mathematics and computing as well as a comprehensive insight into astronomy and astrophysics. Graduates have achieved the following qualifications:

- 1) They understand the physical processes in astronomical objects and can describe them theoretically.
- 2) They can work scientifically with large data sets, use mathematical tools and other scientific methods for calculation in order to understand and model/simulate astrophysical processes.
- 3) They are well versed in using modern computer-aided technologies and their application in science.
- 4) They have fundamental knowledge of the most important areas of astronomy and astrophysics and have gained insights into current research areas.
- 5) They are able to work in a group and plan and structure your work within a given schedule.

The bachelor study-program in astronomy and astrophysics ends with a bachelor's thesis, which usually consists of active participation in one of the research groups in experimental or theoretical/computational astronomy and astrophysics. The graduates learn, using a concrete example from current research and with guidance, that they can make their own research contribution.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The conditions for admission to the Bachelor's degree programme are regulated in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

:  
The teaching languages are German or English. Knowledge of English at level B2 of the European Framework of Reference for Languages is therefore recommended. This study program can only be started in the fall semester.

Branch of Study: Physics, Computational Science and Engineering

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.



**Organization:**

Program Structure: The first year of study primarily includes basic mathematical and physical modules as well as an introduction to astronomy and scientific computing. The second year of study consists of compulsory modules on astrophysics and astronomy as well as further lectures on physics. In the third year of study, the focus is on selectable modules in astrophysics and related fields of study. In the case of the major study program, the minor study program is added in the third year. Students complete the Single Major 180 or Major 150 course with a bachelor thesis.

Major/Minor-Combinations: A major study program in Astronomy and Astrophysics may not be combined with a minor study program in Astrophysics or a minor study program in Astronomy and Astrobiology.

Organization: Faculty of Science

Academic Advisor: aurel.schneider@uzh.ch

Responsible Instructor: Aurel Johannes Schneider

Coordination: Anna Katharina Troller

**Part of:**

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 60 Astrophysics

### Description:

#### General description:

This minor study program in Astrophysics (60 ECTS credits) provides students with a broad education in topics from Big Bang Cosmology to the formation and structure of galaxies, stars and planets. Students will obtain a deeper understanding of the processes and phenomena that take place in our Universe. A background in physics and mathematics is highly desirable for this program. It begins with the two core courses "Introduction to Astrophysics" and "Introduction to Astrobiology". The remaining ECTS credits can be chosen from a wide selection of lecture courses and practicums given by the University or ETHZ.

:  
Graduates from the minor study program in Astrophysics understand the fundamental principles of Astronomy and Astrophysics. They will gain insight into current topics in Astrophysics research. They are able to extract relevant information on astrophysical topics, of which they have an advanced understanding, such as extrasolar planets or the life cycles of stars, from the literature, and present this information comprehensibly in English.

The minor study program worth a total of 60 ECTS credits additionally provides an advanced exploration of the theoretical descriptions of the universe, e.g. of general relativity. The minor study program Astrophysics is only open to students majoring in Physics. If students plan to concentrate in Astrophysics during their master, it is strongly recommended that they complete this minor study program during their bachelor.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Branch of Study: Physics

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: A minor study program in Astrophysics 60 can be combined with a major study program in Physics.

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

Responsible Instructor: Ravit Helled

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)



**Universität  
Zürich**<sup>UZH</sup>



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Minor 30 Astrophysics

### Description:

#### General description:

This minor study program in Astrophysics (30 ECTS credits) provides students with a broad education in topics from Big Bang Cosmology to the formation and structure of galaxies, stars and planets. Students will obtain a deeper understanding of the processes and phenomena that take place in our Universe. A background in physics and mathematics is highly desirable for this program. It begins with the two core courses "Introduction to Astrophysics" and "Introduction to Astrobiology". The remaining ECTS credits can be chosen from a wide selection of lecture courses and practicums given by the University or ETHZ.

:  
Graduates from the minor study program in Astrophysics understand the fundamental principles of Astronomy and Astrophysics. They will gain insight into current topics in Astrophysics research. They are able to extract relevant information on astrophysical topics, of which they have an advanced understanding, such as extrasolar planets or the life cycles of stars, from the literature, and present this information comprehensibly in English.

Main Language of Instruction: German

Further Languages of Instruction: English

### Requirements:

:  
The conditions for admission to the Bachelor's degree programme can be found in: "Verordnung über die Zulassung zum Studium an der Universität Zürich (VZS)".

Grading: The student's achievement is assessed at the end of each module. Achievements are graded on a scale from 1 to 6, whereby 6 denotes the highest grade of achievement and 1 the lowest. A grade below 4 is insufficient. Achievements can also be graded with 'passed' or 'failed'.

### Organization:

Major/Minor-Combinations: A minor study program in Astrophysics 30 can be combined with a major study program in Physics.

Organization: Faculty of Science

Academic Advisor: moore@physik.uzh.ch

Responsible Instructor: Ravit Helled

Coordination:

### Part of:

Bachelor of Science Faculty of Science (2021)



## Course Catalog Spring Semester 2025

Printing date: Feb 17, 2025

Link:

Single Major 180 Bachelor of Arts UZH in Religious Studies and Theology

### **Description:**

#### General description:

"Religious Studies and Theology» is a mono BA program that focuses on religion as a subject of study. It is offered jointly by two disciplines, Religious Studies and Theology. The program gives students insights into the synergies, complementarities, and controversies associated with different academic perspectives on religion. In addition to an introductory module, the modules and primary focuses of the program relate to approaches to Religious Studies, Christianity, Islam and other religious traditions, biblical traditions, hermeneutics and philosophy of religion, social scientific study of religion, ethics, and digital religions.

Main Language of Instruction: English

### **Requirements:**

Branch of Study: Study of Religions, Theology

Regulations: [https://www.trf.uzh.ch/studierende/modulkataloge\\_ba.html](https://www.trf.uzh.ch/studierende/modulkataloge_ba.html)

### **Organization:**

Organization: Faculty of Theology and the Study of Religion

Responsible Instructor: Rafael Walthert

Coordination:

### **Part of:**

Bachelor of Arts UZH in Religious Studies and Theology