DURATION OF STUDIES

2 years (4 semesters)

LANGUAGES OF INSTRUCTION

English, French

CONDITIONS OF REGISTRATION

www.unige.ch/conditions/MA

ADMISSION CONDITIONS

A Bachelor in Chemistry or Biochemistry, or a degree deemed equivalent upon review of the application, subject to supplementary classes and prerequisites for certain degrees.

Master's Programme

THE MASTER IN CHEMISTRY

provides advanced training in the areas of analytical chemistry, mineral chemistry, organic and bio-organic chemistry, and physical chemistry. Using modern laboratory techniques, students learn to synthesise new molecules which can be used in industry and other sectors. The programme also provides training in areas such as spectroscopy and computational chemistry, and provides students with the expertise required to develop methods for identifying new substances. Students also do a work placement in a chemistry laboratory and write a comprehensive final research paper.

STUDY PROGRAMME

4 semesters (max. 8 semesters) | 120 ECTS credits

Electives and work placement
60 credits

Electives (44 credits)

- Advanced Spectroscopic Methods
- Bioinorganic and Supramolecular Chemistry
- Bioorganic Chemistry
- Total Synthesis
- Statistical Thermodynamics
- Computational Chemistry
- Nuclear Magnetic Resonance
- Mass Spectrometry, etc.

Work placements (16 credits)

Research project and dissertation
60 credits

ACADEMIC CALENDAR

www.unige.ch/calendar

LEVEL OF FRENCH REQUIRED BY UNIGE

No French proficiency test required for non-Francophones.

MOBILITY

Students may earn up to 30 credits while on exchange. They may also conduct research outside the university, under the supervision of a faculty member, or do a work placement at a leading external laboratory in order to complete their Master's degree.

www.unige.ch/exchange

PROFESSIONAL PROSPECTS

This Master leads to a number of opportunities both in Switzerland and abroad, including:

- Government and private biomedical analysis laboratories
- Quality control and assurance
- Development of new materials
- Environmental protection
- High value-added fine chemistry
- Workplace safety and hygiene
- Cosmetics and perfumes
- Pharmaceutical and bioactive compounds
- Agro-food industry
- Inks and pigments
- Regulations and scientific patents
- Management and sales
- Academic research (doctoral, post-doctoral)
- Private sector research, development and production, etc.

UNIVERSITY TAXES

500 CHF / semester

REGISTRATION

Deadline for the Autumn Semester: 30 April 2018
(28 February 2020 for applicants subject to a visa because of their nationality, as set forth in Swiss federal regulations)

Deadline for the Spring Semester:
30 November 2020
(30 September 2020 for applicants subject to a visa because of their nationality, as set forth in Swiss federal regulations)

www.unige.ch/enrolment

CONTACTS FOR STUDIES

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