



#### DURATION OF STUDIES

2 years (4 semesters)

#### LANGUAGES OF INSTRUCTION

English, French

#### CONDITIONS OF REGISTRATION

[www.unige.ch/conditions/MA](http://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 and bio-inorganic chemistry, organic and bio-organic chemistry, physical chemistry and materials 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

44 credits

- Physical Chemistry of Materials
- Advanced Analytical Chemistry
- Advanced Spectroscopic Methods
- Bioinorganic and Supramolecular Chemistry
- Bioorganic Chemistry
- Target-Oriented Synthesis
- Statistical Thermodynamics
- Computational Chemistry
- Nuclear Magnetic Resonance
- Mass Spectrometry, etc.

### Work placements

16 credits

### Research project

60 credits

## 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.

## ACADEMIC CALENDAR

[www.unige.ch/calendar](http://www.unige.ch/calendar)

## UNIVERSITY TAXES

500 CHF / semester

## LEVEL OF FRENCH REQUIRED BY UNIGE

No French proficiency test required for non-Francophones.

## REGISTRATION

Deadline for Fall Semester for candidates that hold a foreign bachelor's degree: 28 February 2024 (30 April 2024 for candidates that hold a Swiss bachelor's degree at the start of the next academic year AND, according to their nationality, are not subject to a visa for entry into Switzerland for more than 90 days, according to Swiss government requirements and regardless of their current place of residence, or for candidates holding a Swiss residence permit that is valid beyond 30 April.)

Deadline for Spring Semester: to be checked on the website of the Admissions Office

[www.unige.ch/enrolment](http://www.unige.ch/enrolment)

## 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](http://www.unige.ch/exchange)

## CONTACTS FOR STUDIES

### FACULTY OF SCIENCE

Sciences II  
30 quai Ernest-Ansermet  
1211 Genève 4

### STUDENT AFFAIRS

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### ACADEMIC ADVISOR

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### CHEMISTRY AND BIOCHEMISTRY SECTION

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[www.unige.ch/sciences](http://www.unige.ch/sciences)

All programs are subject to changes. Please consult the program regulations.