



#### 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 Biochemistry or Chemistry, 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 BIOCHEMISTRY

allows students to specialise in domains such as transmembrane transport and membrane biochemistry, bioinformatics, cellular and molecular biology and biophysics. Through this programme, students develop the methodological knowledge and experimental rigour which are essential for conducting research. The programme also provides state-of-the-art training in the area of cellular energy production. Students will master the key concepts in biochemistry from the molecular level to the cellular level in order to understand the precise mechanisms at work in cells.

## STUDY PROGRAMME

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

### Electives

45 credits

- Hot topics and breakthroughs in biochemistry
- Current topics in chemical biology and biochemistry
- Biochemistry and biophysics of membranes
- Cellular and molecular biology
- Molecular genetics of development
- Principles of neurobiology
- Bioinformatics
- Bioorganic chemistry
- Bioethic, etc.

### Work Placement

15 credits

### Research Project

60 credits

## PROFESSIONAL PROSPECTS

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

- Medical research laboratories
- Government and private biomedical analysis laboratories
- Quality control and assurance
- Environmental protection
- Cosmetics and perfumes
- Pharmaceutical and bioactive compounds
- Agro-food industry
- Regulations and scientific patents
- Management and sales
- Medical research
- Biotechnologies
- 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 ADVISORS

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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.