



#### DURATION OF STUDIES

1.5 years (3 semesters)

#### LANGUAGE OF INSTRUCTION

English

#### ADMISSIONS CONDITIONS

A Bachelor in Chemistry, Biology, Physics, 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 CHEMICAL BIOLOGY

prepares students to think beyond the State-of-the-art. Specifically, students will learn how to probe biological problems at the molecular level using innovative chemistry and biophysical approaches. Students will be embedded within the National Centre for Competence in Research (NCCR) in Chemical Biology where they will receive individualized and highly interdisciplinary (biology, chemistry, biochemistry and biophysics) training from world-renowned researchers. The curriculum is primarily centred on practical teaching in a research environment. Numerous internships are offered in a variety of laboratories; these are allocated according to a programme that takes into consideration the undergraduate qualification, interests and goals of each student. A high student-teacher ratio ensures a quality framework. The Degree is awarded by the University of Geneva in collaboration with the École polytechnique fédérale de Lausanne (EPFL).

[www.nccr-chembio.ch](http://www.nccr-chembio.ch)

## STUDY PROGRAMME

3 semesters (max. 6 semesters) | 90 ECTS credits

### Required Courses

25 credits

- Current Topics in Chemical Biology and Biochemistry
- Basic Techniques in Chemical Biology
- Tutorial in Chemical Biology
- Microscopy and Imaging Course

Courses are scheduled at UNIGE or EPFL.

### Electives

5 credits

Include courses at either UNIGE or EPFL and include:

- Element of bioinformatics
- Biophysics II
- Image Processing
- Chemistry of small Biological Molecules
- Cellular Signaling
- Bioactive Compounds Screening, etc.

### Two Practical Placements and dissertation

60 credits

## ACADEMIC CALENDAR

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

## PROFESSIONAL PROSPECTS

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

- Academic research (doctorate, post-doctorate)
- Medical research
- Private sector research, development and production
- Regulatory affairs and scientific patents
- Administration and sales, etc.

## UNIVERSITY TAXES

500 CHF / semester

## REGISTRATION

Deadline: 30 April 2018\*  
(28 February 2018 for applicants who require a visa under Swiss Confederation regulations)

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

[www.nccr-chembio.ch/education-training](http://www.nccr-chembio.ch/education-training)

*\*Candidates who hold a Swiss Bachelor or equivalent degree and have not been able to meet this deadline may contact the Faculty's academic advisor and the person in charge of the Master's programme to find out if it is possible to join the course.*

## CONTACTS FOR STUDIES

### FACULTY OF SCIENCE

Sciences II  
30 quai Ernest-Ansermet  
1211 Genève 4

### STUDENT AFFAIRS

T. +41 (0)22 379 66 61/62/63  
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### ACADEMIC ADVISOR

Xavier Chillier  
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### HEAD OF THE NCCR COMMITTEE OF EDUCATION

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### COO OF THE NCCR

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