CH-491

Project in molecular sciences Ib

Profs divers *

Cursus	Sem.	Type
Chimiste	MA1, MA2, MA3, MA4	Obl.

Language of teaching	English
Credits	12
Withdrawal	Unauthorized
Session	Winter, Summer
Semester	Fall
Exam	During the semester
Workload	360h
Weeks	14
Hours	**16 weekly**
Project	16 weekly
Number of positions	

Il n'est pas autorisé de se retirer de cette matière après le délai d'inscription.

Remark

Ne peut être entrepris qu'après avoir suivi un semestre du cycle master

Summary

Research project within one of our laboratories in chemistry at SCGC. Duration: 28 days

Content

The practical education at the master in Molecular and Biological Chemistry is taking place in research laboratories at ISIC or elsewhere. Students are expected to contact the research group leaders to find a project. After project 1a, students are now getting insights in research.

Project Ib can be done in one or several laboratories of SCGC. It can be done in another laboratory at EPFL, but with a SCGC co-supervisor. Having done at least one semester of master studies is required before doing project Ib.

Information and application form can be found at:https://www.epfl.ch/schools/sb/fr/enseignement/scgc/etudes/masters/master-en-chimie-moleculaire-et-biologique/travail-dapprofondis

Learning Prerequisites

Required courses

Project 1a

Learning Outcomes

By the end of the course, the student must be able to:

- Perform An independant research subject
- Compare your results with theory and/or literature
- Analyze chemicals and mixtures

Transversal skills

- Use a work methodology appropriate to the task.
- Communicate effectively, being understood, including across different languages and cultures.
- Keep appropriate documentation for group meetings.
- Take responsibility for environmental impacts of her/ his actions and decisions.
- Take responsibility for health and safety of self and others in a working context.
- Respect relevant legal guidelines and ethical codes for the profession.
- Make an oral presentation.
- Write a scientific or technical report.

Assessment methods

A report and an oral presentation are mandatory for project Ib for the evaluation and mark attribution.