

Cursus	Sem.	Type
Hors plans	H	Opt.
Life Sciences Engineering	BA6	Obl.

Language of teaching	English
Credits	5
Withdrawal Session	Unauthorized Summer
Semester	Fall
Exam	During the semester
Workload	150h
Weeks	14
Hours	5 weekly
Project	5 weekly

Number of positions

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

Summary

Engaging in a hands-on wetlab and/ or computational project in life sciences engineering, students develop skills in experimentation and data analysis.

Content

The research project is typically carried out in an EPFL laboratory in the School of Life Sciences (SV). Projects are available on the website of SV labs or discussed with the supervising professor/ head of laboratory:

- Brain Mind Institute (BMI)
- Global Health Institute (GHI)
- Institute of Bioengineering (IBI)
- Neuro-X Institute
- Swiss Institute for Experimental Cancer Research (ISREC)
- Research Core Facilities
- MAKE Interdisciplinary Projects

With section approval, the project can be carried out in a laboratory in another EPFL school. In case the project is done outside EPFL, in academia or in industry, the student needs to find an EPFL supervising professor who will follow and evaluate the work. See website below to download the forms.

The project can be carried out part-time during the semester (approximately 10h/ week during 14 weeks; spring BA6) or full time between two semesters (approximately 42h/ week during 3-4 weeks; summer before BA5).

Assessment methods

Written report and/ or oral presentation

The assessment method(s), and if applicable weighting of the different parts, must be defined with the supervising professor/ head of laboratory in advance.

Assessment deadlines

- Autumn semester: Friday of the second week after the end of classes
- Spring semester: Friday of the first week after the end of classes
- Exceptions must be agreed upon by the student and the supervising professor

Resources

Websites

- <https://www.epfl.ch/schools/sv/education/bachelor-in-life-sciences-engineering/bachelor-projects/>