

MICRO-563

Project in biomedical technologies

Profs divers *

Cursus	Sem.	Type
Biomedical technologies minor	E, H	Obl.

Language of teaching	English
Credits	8
Withdrawal Session	Unauthorized Winter, Summer
Semester Exam	Fall During the semester
Workload	240h
Weeks	14
Hours	8 weekly
Project	8 weekly
Number of positions	

It is not allowed to withdraw from this subject after the registration deadline.

Summary

The student applies the acquired skills to an academic or industrial project.

Content

The students are confronted with the realization of an engineering project integrating several aspects of biomedical technologies. This project will allow them to apply, to concrete problems, skills of domain and transversal skills acquired during their studies. This project is mandatory. It can be done in any EPFL laboratory active in biomedical research : the students should contact laboratories of interest and define a project plan with the host laboratory.

Learning Outcomes

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

- Manage an individual research project
- Apply the competences to a specific subject
- Design research
- Assess / Evaluate the results critically
- Compose in written form in a scientific report
- Expound the project in oral form for a scientific audience
- Develop the project in oral form for a scientific audience
- Present data coherently and effectively

Teaching methods

Continuous assessment (report)

Assessment methods

Continuous assessment (report)

Resources**Websites**

- <https://sti.epfl.ch/fr/recherche/instituts/iem/lignes-directrices-du-projet-semester/>