PHYS-490 **Elective project nuclear engineering**

Profs divers *

Cursus	Sem.	Type
Nuclear engineering	MA1, MA2, MA3, MA4	Opt.

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

Summary

The elective project is designed to train the students in the solution of specific engineering problems related to nuclear technology. This makes use of the technical and social skills acquired during the master's programm.

Content

The elective project has the purpose to train the students in the solution of specific engineering problems related to nuclear technology. This makes use of the technical and social skills acquired during the master's program. Tutors propose the subject of the project, elaborate the project plan, and define the roadmap together with their students, as well as monitor the overall execution.
It can be done during the first 3 semesters at EPFL, ETHZ or PSI.

Learning Outcomes

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

- Analyze a technical problem

Transversal skills

- Write a scientific or technical report.

Assessment methods

Written project report and oral presentation