

PHYS-490 Elective project nuclear engineering

Profs divers *

Sem. **Type** Nuclear engineering MA1, MA2, Opt.

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

Summary

Cursus

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.

MA3, MA4

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