NX-492

Neuro-X project II

Profs divers *

Cursus	Sem.	Type
Neuro-X	MA1, MA2, MA3, MA4	Obl.

Language of teaching	English
Credits	7
Withdrawal	Unauthorized
Session	Winter, Summer
Semester	Fall
Exam	During the semester
Workload	210h
Weeks	14
Hours	**7 weekly**
Project	7 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 a scientific, industry or a clinical project.

Content

Students are required to realize an engineering project integrating several aspects of Neuro-X. This project will allow them to apply their technical and transversal skills acquired during their studies to resolve a practical problem. The list of labs where students can search for a project is available on the web site of SNX.
This project could be carried out in a lab as Neuro-X project I, or in collaboration with an industrial (a company) or a clinical partner (a hospital) under the lab supervision and in the context of an existing collaboration.

Learning Outcomes

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

- Manage a research project
- Apply the competences to a specific subject
- Assess / Evaluate the results critically
- Compose he project in written form in a scientific report
- Develop expertise in a specific area of research
- Represent data in a consistent and efficient way

Transversal skills

- Access and evaluate appropriate sources of information.
- Collect data.
- Write a literature review which assesses the state of the art.
- Write a scientific or technical report.
- Communicate effectively, being understood, including across different languages and cultures.

Assessment methods

Autumn : The written report must be returned to the laboratory no later than **the Friday of the second week** after the

end of classes.
Spring : The written report must be returned to the laboratory no later than **the Friday of the first week** after the end of classes.