NX-492

# Neuro-X project II

Profs divers *

| Cursus | Sem. | Type |
|---|---|---|
| Neuro-X | MA1, MA2 | Obl. |

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|---|---|
| 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) upon the lab supervision.

## 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.