MICRO-486  

**Project in neuroprosthetics**

Profs divers *

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<th>Cursus</th>
<th>Sem.</th>
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**Remarque**

- The Project in Neuroprosthetics cannot be started before the students have acquired at least 15 credits of the highly recommended courses.

**Summary**

The student applies knowledge and know-how previously acquired in the classroom in the context of a research project that is consistent with his/her orientation (“Track”) choice.

**Content**

**Learning Outcomes**

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

- Assess / Evaluate experimental data
- Interpret experimental data
- Develop expertise in a specific area of research
- Manage an individual research project
- Optimize experimental protocols and data presentation
- Plan further experiments to test hypotheses based on previous results
- Conduct experiments appropriate for the specific problem being studied
- Implement appropriate technologies to address the scientific or engineering problem being studied

**Transversal skills**

- Assess progress against the plan, and adapt the plan as appropriate.
- Plan and carry out activities in a way which makes optimal use of available time and other resources.
- Use a work methodology appropriate to the task.
- Keep appropriate documentation for group meetings.
- Continue to work through difficulties or initial failure to find optimal solutions.
- Demonstrate a capacity for creativity.
- Demonstrate the capacity for critical thinking
- Write a scientific or technical report.

**Assessment methods**
Written report and oral presentation during the semester.