neu610 - External Research Project

Module label: External Research Project
Module code: neu610
Credit points: 15.0 KP
Workload: 450 h
(260 h contact / 40 h background reading / 90 h written report / 60 h talk and poster preparation)

Used in course of study:
- Master's Programme Neuroscience > Research Modules

Contact person:
Module responsibility:
- Christine Köppl

Authorized examiners:
- Christine Köppl

Entry requirements:
Project and supervisor(s) need to be approved by the exam board prior to the start of lab work

Skills to be acquired in this module:
- + Neurosci. knowlg.
- ++ Expt. methods
- ++ Independent research
- ++ Scient. literature
- + Social skills
- + Interdiscipl. knowlg.
- ++ Data present./disc.
- + Scientific English

Students are introduced to independent research in a specific area of neuroscience by a scientifically working group outside of the regular Neuroscience faculty at the University of Oldenburg (usually a university, research institute, clinics or scientifically working company in Germany or abroad)
Students perform individual research projects to learn:
- planning and organization of a research project in a group outside of University of Oldenburg
- formulate a scientific hypothesis
- planning, performing and analyzing experiments and / or simulations
- working with scientific background literature on the specific context of the project
- oral presentation and discussion of backgrounds and results in the lab seminar
- write a scientific report in publication format
- prepare and present a scientific poster

Module contents:
The External Research Module is carried out under the guidance and supervision of an experienced researcher who is not part of the regular Neuroscience faculty at the University of Oldenburg. It comprises approximately 7 (minimum 5) weeks of experimental or theoretical work, individually or in small groups, and, usually, participation in a regular group seminar during that time.
After completion of the lab work, students will continue to be advised during the writing phase of the project report by the external supervisor and / or by a local Neuroscience faculty member.

Reader's advisory:
Provided by external and / or local supervisor, depending on the project

Language of instruction: English
Duration (semesters): 1 Semester
duration: every semester
Module frequency: unlimited
Module capacity: unlimited
Module can be taken multiple times, if project options are sufficiently different (decision of the examination board needed)
Supervision of individual projects is limited to 15 ECTS for the same combination of student and supervisor (1 research module + Master thesis OR up to 3 research modules, including external research module)

Reference text:
- all members of the regular Neuroscience faculty at the University of Oldenburg can act as local supervisor, students should contact appropriate supervisors individually
prior to project start, external and local supervisors must fill the learning agreement form
the supervisor at the host institution is invited to submit a short written statement of assessment,
final grading is done by the local supervisor
participation in a joint poster presentation of concurrent research modules is highly recommended.

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<tr>
<th>Module level</th>
<th>Modulart</th>
<th>Lern-/Lehrform / Type of program</th>
<th>Vorkenntnisse / Previous knowledge</th>
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<td>je nach Studiengang Pflicht oder Wahlpflicht</td>
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<th>Examination</th>
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<tr>
<td>Final exam of module</td>
<td>within 2 months after conclusion of lab work</td>
<td>internship report</td>
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<th>Course type</th>
<th>Projektorientiertes Modul</th>
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