

- Faculté des sciences
- www.unine.ch/sciences

Master Thesis (3BL2184)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en biologie	Mémoire/dissertation 1 pg	Voir ci-dessous	60

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Printemps, Semestre Automne

Equipe enseignante

Professors of the Institute of Biology (UniNE), in collaboration with external supervisors (at least MSc level qualification)

Contenu

To carry out an independent piece of research, in collaboration with one or several supervisors, ideally leading to a scientific publication in a peer-reviewed journal. The projects are typically on a topic related to plant-insect interactions and will involve behavioural assays and chemical analyses, and in some cases gene expression measurements.

Forme de l'évaluation

Once the thesis is in its final stage students can request formative feedback by their internal supervisor on the abstract, introduction, methods and results sections of the thesis (but not on the discussion section). The final thesis will be marked according to the standard marking sheet published on Moodle.

Documentation

The marking sheet for the MSc thesis will be made available on Moodle

Pré-requis

60 ECTS course credits from MSc Biology at Uni Neuchatel (see study plan)

Objectifs d'apprentissage

Au terme de la formation l'étudiant-e doit être capable de :

- Explain the content of the thesis in an abstract
- Recognise the missing gaps in knowledge
- Evaluate data patterns
- Explain data patterns
- Interpret results
- Summarize results
- Extract meaning from patterns
- Compare data sets
- Describe the current state of the art in the thesis introduction
- Organise necessary components of a methods section
- Identify the relevant hypotheses
- Carry out data collection
- Design experiments and/or data collection protocol
- Produce testable predictions
- Compute data analysis

Compétences transférables

- Communicate scientific material