

- Faculté des sciences
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### Master Thesis (3BL2184)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en biologie</b>	<b>Mémoire/dissertation 1 pg</b>	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

#### 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 :

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

#### Compétences transférables

- Communicate scientific material