

- Faculté des sciences
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### EXC Alpine ecology (3BL2200)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en biologie</b>	<b>Excursion: 7 j</b>	Voir ci-dessous	3

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

#### Période d'enseignement:

- Semestre Printemps

#### Equipe enseignante

Prof. Jason Grant, Dr. Saskia Bindschedler, Baptiste Bovay (Prof. Sergio Rasmann)

#### Contenu

Introduction to the Alpine Environment, that spans botany, zoology and microbiology. The students will collaborate in teams of two (or more) based on their interest to conduct the study they designed, they will analyse the data, and prepare a final report.

Dates: 17.06 -21-06.2024

#### Forme de l'évaluation

Continuous assessment pass. The final mark will include the students presentation, as well as a group report on their project. In addition, student performance in the field will be evaluated. All three marks are a form of continuous assessment, i.e. outside the exam period. As the excursion takes place in between the Spring and Fall semesters, the evaluation will take place before the start of the Fall semester.

#### Modalités de rattrapage

In case of a non-passed assessment, the student should contact the teachers to fix the topic of a 2000-words essay to be handed two weeks before the end of the following exam session.

#### Documentation

Study material will be distributed during the course.

#### Pré-requis

Basic background in Ecology, Zoology, Botany and Microbiology

#### Forme de l'enseignement

Lecture; preparation and discussion of student presentations; discussions during the field project; discussion during data analysis; feedback to final report.

#### Objectifs d'apprentissage

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

- Produce a report and oral presentation
- Analyse Data
- Describe the ecological system
- Work in groups
- Summarize Results
- Carry out observations and experiments

#### Compétences transférables

- Design projects
- Communicate results in writing
- Discuss complex issues
- Communicate results orally
- Discuss complex issues and interactions

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- Apply knowledge to new situations
- Generate new ideas (creativity)