

- Faculté des sciences
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Plant and ecosystem conservation (3CB2006)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en biologie	Cours: 30 pg	Voir ci-dessous	3
Master en conservation de la biodiversité	Cours: 30 pg	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. Sergio Rasmann

Contenu

The objective of this course is to give an overview of methods and concepts used in ecology, with focus on how to perform integrative science (precisely, from cells to ecosystems). Students will acquire basic knowledge on how organisms are interacting in nature to maintain stable ecosystems, and how to answer fundamental questions in ecology. Additionally, we will explore current interdisciplinary approaches used to study species interactions and their function. These notions will be acquired through a combination of theoretical courses and excursions.

This course includes a theoretical part and excursions. Theoretical part: After an initial introduction to theoretical concepts and examples for performing integrative research and species interaction, students will be introduced to the different ecosystems around the Canton of Neuchâtel.

Forme de l'évaluation

2 in-class assignments, 1 presentation, and 1 excursion assignment, and 1 final report.

Modalités de rattrapage

In case of failure, the student can provide a corrected version of the assignments and of the final report one week after the previous deadline in order to reach sufficiency. If the an overall failure occurs, the student will be asked to rewrite a full-length final report for the upcoming the session "de rattrapage".

Documentation

Poerpoint presentations, students presentations.

Pré-requis

Ideally, some basics of ecology.

Forme de l'enseignement

This course includes a theoretical part and excursions. Students will apply concepts discussed in the courses during the excursions and will prepare a short reports based on their observations and interpretations.