

- Faculté des sciences
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Methods in vegetation ecology (3BL2311)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en biologie	Cours: 28 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

This course presents the basic theory and methods for understanding the factors that influence the assemblage and distribution of terrestrial vegetation. Various alternative approaches are presented, with their respective advantages and disadvantages. The course consists of an ex cathedra portion, interspersed with short exercises.

Forme de l'évaluation

Continuous assessment upon registration, several assessments in the form of short quizzes, given at the end of each half-day of lessons, and which will be returned for the following week, plus a mark on a presentation by group.

Modalités de rattrapage

In case of failure, the student can make up the grade with a written test, which will take place for 1 hour, outside of the exam session (time slot to be determined with the teacher).

Documentation

Course slides plus exercise material

Pré-requis

Basic knowledge in ecology, botany and statistics.

Forme de l'enseignement

Lectures, supplemented by exercises and presentations.

Objectifs d'apprentissage

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

- Define ecological problems
- Explain concepts in ecology
- Test hypotheses
- Solve conservation challenges

Compétences transférables

- Communicate science
- Synthesise scientific literature
- Present ecological theory