- Faculté des sciences
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Seminar ecology and biodiversity (3BL2192)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en biologie	**Séminaire: 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 Automne

Equipe enseignante

Prof. Daniel Croll, Prof. Sergio Rasmann, Prof. Edward Mitchell, Prof. Clara Zemp, Prof. Kay Lucek

Contenu

The topics of discussion include:
Phylogeography and Biogeography;
Genetic, species and functional diversity and ecosystem functioning;
Biodiversity and conservation;
Eco-evolutionary dynamics;
Biodiversity genomics

Forme de l'évaluation

The final grade will be based on an evaluation of
- the group presentation (1 per group)
- the group discussion preparation (1 per session)
- the individual summary of the learning outcome (1 per session)
- an individual opinion piece

If the final mark is insufficient and results in a failure, the student will have to prepare one critical essay (5 pages) on one of the topics discussed during the course. The essay should be handed in two weeks before the exam session for which a second attempt is made. In addition, the student will pass an oral exam of 30' scheduled during the exam session. A failure to hand in the critical essay or an unjustified absence from the oral exam constitutes a second and definite failure from the course.

Documentation

Articles to be discussed will be made available via Moodle.

Pré-requis

Forme de l'enseignement

Seminar

Objectifs d'apprentissage

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

- Compare research methodologies
- Summarize key messages
- Analyse evidence presented in scientific articles
- Evaluate the strength of arguments
- Synthesise developments in major fields of ecology and biodiversity
- Discuss a current scientific topic as an essay
- Present a scientific article

Compétences transférables

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- Explain complex findings
- Present effectively to other scientists
- Write a scientific text