

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

| Filières concernées | Nombre d'heures | Validation | Crédits ECTS |
|---------------------------|---------------------|----------------------------|--------------|
| Master en biologie | Séminaire: 3 | contrôle continu: 1 | 3 |

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

Période d'enseignement:

- Semestre Automne

Equipe enseignante:

Prof. Pilar Junier (coordinator),
Dr. Enrique Lara,
Christophe Seppey,
Prof. Sergio Rasmann,
Dr. Emmanuel Defosse

Objectifs:

The objective of this seminar is to read and critically discuss some key publications in the field of biodiversity research.

The topics of discussion include:

Species concept and biodiversity indexes
Phylogenetic reconstruction
Phylogeography and Biogeography
Genetic, species and functional diversity and ecosystem functioning
Diversity in extreme environments
Biodiversity and conservation

Contenu:

The objective of this seminar is to read and critically discuss some key publications in the field of biodiversity research.

Forme de l'évaluation:

The final grade will be based on article presentations (2 individual presentations), as well as participation in the form of questions after the presentation of selected articles.

If the final mark is insufficient to validate the class, the student will have to prepare three critical essays (3 pages max each) on the topics discussed. These essays should be handled two weeks after the end of the seminar (09.12.2016).

Documentation:

Publications to be discussed included in the Moodle website of the class.

Pré-requis:

Reading of publications before seminar

Forme de l'enseignement:

Seminar