

- Faculté des sciences
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Conservation biology and biodiversity (3BL2271)

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

Christophe Praz

Contenu

This course presents an introduction to biodiversity conservation in Switzerland and elsewhere: important concepts are discussed and the scientific background underlying conservation biology is presented. The course combines theoretical aspects with excursions and a practical exercise. The focus is on animal conservation.

The theoretical aspects will include a brief history of conservation biology; then strategies commonly implemented in species and habitat conservation are detailed. A particular focus is given on the different biodiversity conservation programs implemented in Switzerland.

During the practical part of the class, which will provide the basis for student evaluation, each student will focus on one endangered animal species. She/he will evaluate and summarize the conservation status of the species (using the IUCN criteria), list the known threats, outline a research project focusing on the conservation of this species, list the conservation measures to be taken and detail a monitoring program to ensure that these measures are effective.

Forme de l'évaluation

Continuous assesment graded.

Each student will compile a report on the conservation of one animal species, including the evaluation of its conservation status, a list of threats and conservation measures and a research proposal focusing on the conservation biology of this species. Each student will also give a short presentation on this research project. Both the report and the presentation will be graded and the average will determine the final grade for the course.