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Biodiversity conservation in context (workshops/excursions) (3CB2009)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en conservation de la biodiversité	Atelier: 2 j Excursion: 3 j	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

Quentin Kohler (independant biologist and Pro Natura) & Sylvain Ursenbacher (info fauna)
quentin.kohler@pronatura.ch / sylvain.ursenbacher@unine.ch

Contenu

The course «Biodiversity conservation in context » will introduce students to species and habitat conservation concepts in Switzerland, along with the approaches and methods used to manage and rehabilitate natural sites. We will present the legal framework for habitat conservation, illustrated with applied examples. In the field, successful conservation management plans will be presented, with a discussion of the factors that contributed to their success. Finally, working in small groups, students will develop small action plans that include the legislative framework, possible measures to improve habitat quality, and the relevant stakeholders involved. Each group will present its work to the rest of the class, allowing to expose different contexts and discuss together their specificities.

Monday: Lecture — legal framework for biodiversity conservation, with applied examples.

Tuesday, Wednesday, Thursday (morning): Field excursions covering different habitat types (wetlands, forest, ponds, agricultural land, urban areas) and their associated conservation concepts.

Thursday (afternoon) and Friday: Small-group work (max. 4 students per group) to develop action plans, followed by presentations and group discussion

Attendance to the entire course (Monday October 19th - Friday October 23rd) is mandatory to earn the 3 ECTS credits.

Forme de l'évaluation

Pass/fail assessment, based on active participation during the excursions and group work, and on the quality and coherence of the group's action plan and final presentation

Modalités de rattrapage

Development of an action plan (similar to the ones developed in the lecture) and discussion of its content (30 minutes). The topic of the action plan will be provided 4 days in advance

Pré-requis

Accepted in the master in biodiversity conservation without prerequisite

Forme de l'enseignement

Lecture (Monday); field excursions (Tuesday–Thursday morning); group project work (Thursday afternoon–Friday morning); final presentations and discussion (Friday afternoon).

Objectifs d'apprentissage

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

- Design an action plan for habitat conservation, integrating legal constraints, technical measures, and relevant stakeholders (in small groups)
- Identify the key concepts of species and habitat conservation in Switzerland, including the relevant legal framework
- Conceptualise different approaches and methods used to manage and rehabilitate natural sites
- Assimilate the complexity of applying conservation concepts to real-world contexts

Compétences transférables

- Develop a common vision through a project
- Work in a group with colleagues

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- Discuss a complex topic
- Present a project
- Communicate in an interdisciplinary approach on a subject