

- Faculté des sciences
- www.unine.ch/sciences

Methods in evolutionary ecology (3BL2277)

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

Jacob Koella, Ricardo Machado, Luis Silva, Diego Gonzalez

Contenu

Selected topics on evolutionary ecology. We will give lectures, do lab work and statistical analysis and discuss articles about phylogenetic analysis, the importance of oxidative stress, and stress responses of bacteria,

Forme de l'évaluation

CA graded during the semester

Retake evaluation at next exam session to be organised with the professor (not in Pidex)

Documentation

Articles and handouts will be made available.

Forme de l'enseignement

Discussions of literature and practical exercises

Objectifs d'apprentissage

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

- Explore several techniques used in evolutionary and ecological microbiology
- Establish links among various approaches
- Explain differences among approaches linked to microbial evolution

Compétences transférables

- Write a review linking various topics
- Explore biological methods