

- Faculté des sciences
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### Methods in evolutionary ecology (3BL2277)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en biologie</b>	<b>Cours: 30 pg</b>	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