

- 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, Diego Gonzales, Xiang-Yi Li

#### Contenu

Various topics on the evolutionary and ecological interactions between microbes. We discuss articles focusing on theoretical models, phylogenetic analyses, experimental work, and you will obtain practice on several aspects of these approaches.

#### 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