

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

Evolutionary parasitology (3BL2225)

| 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

Contenu

Various topics in evolutionary parasitology: evolution of virulence, evolution of resistance and tolerance, evolution of drug resistance

Forme de l'évaluation

CA graded : The course will be evaluated based on presentations of parts of the book (50%), and an on essay to be handed in by the end of the semester (50%)

Retake attempt : must be registered at next session and coordinated with professor (not in Pidex).

Documentation

Book:
Schnid-Hempel, P. 2011. Evolutionary Parasitology. Oxford Academy Press

Pré-requis

None

Forme de l'enseignement

We will combine formal lectures with reading and group discussions of selected chapters of the book.

Objectifs d'apprentissage

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

- Describe evolutionary pressures on parasites and their hosts
- Relate ideas of evolutionary ecology to parasitology

Compétences transférables

- Communicate theoretical evolutionary ideas
- Synthesise research articles