

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

Evolution of parasites (3BL2225)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en biologie	Cours: 3 ph	contrôle continu: 1	3

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Printemps

Equipe enseignante:

Maarten Voordouw

Objectifs:

The objective of this course is to obtain an understanding of the evolution and ecology of host-parasite interactions.

Contenu:

We will cover a variety of topics relevant to host-parasite interactions including: host defense mechanisms, ecological immunology, parasite manipulation of host behavior and immunity, epidemiology, virulence, host-parasite co-evolution, ecology of host-parasite interactions.

Forme de l'évaluation:

Contrôle Continu : weekly quizzes, oral presentations, assigned essays.

Documentation:

Students need to buy the following book: « Evolutionary Parasitology » (2011) by Paul Schmid-Hempel. Oxford University Press.

Pré-requis:

None

Forme de l'enseignement:

Teaching will include lectures, student presentations, and discussion groups.