

- Faculté des sciences
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### Evolutionary parasitology (3BL2225)

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

#### Contenu

Various topics in evolutionary parasitology, including 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