

- Faculté des sciences
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### Parasitoid-host Interactions (3ZL2039)

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

Betty Benrey

#### Contenu

Parasitoids are insects that parasitize and kill other insects. Host-parasitoid interactions have been the focus of numerous ecological and evolutionary studies. In this course we will focus on these interactions as models to explore concepts and general principles in population, behavioral and community ecology, such as: local mate competition, density-dependent mortality, life-history strategies, sex allocation, optimal foraging, host manipulation, trophic cascades and biological control.

#### Forme de l'évaluation

Continuous assesment graded: The final mark will be based on: oral presentation of selected papers, written report of lab activities, class participation and short essay. If the student fails, an oral exam will be given on a selected topic. The date of the exam will be discussed with the student and will take place during the Fall semester.

#### Documentation

Relevant literature as well as lecture material will be made available on the server

#### Pré-requis

Students have to be registered in the master of Biology at Neuchâtel

#### Forme de l'enseignement

The course will combine formal lectures, readings from the primary literature and practical labs to test some of the predictions of ecological and behavioral models