

- Faculté des sciences
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Démarches scientifiques (3BT2035)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en biologie des parasites et écoéthologie (*)	Cours: 2 ph	contrôle continu: 1	6

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

Période d'enseignement:

- Semestre Automne

Equipe enseignante:

Prof Klaus Zuberbuhler; Dr Albert Ros and assistants

Objectifs:

To introduce advanced students at the postgraduate level to different data gathering techniques used in observational and experimental animal behaviour research, and to go through all the steps of data analysis, including data collection and managing data sets.

Contenu:

Students will familiarise themselves with a range of methodologies used in behavioural research. They will get practical, hands-on experience with some selected methods as part of two workshops. They will learn how to plan an experimental study using real-world examples. (ii) Student will learn to apply the tools of exploratory statistics, make graphs of scientific data, and test the data using basic statistical methods with two statistical packages (R and SPSS). Exercises will be done in small groups and mainly on datasets collected by the students.

Forme de l'évaluation:

continuous assessment

Documentation:

Documentation will be distributed during the course

Pré-requis:

None

Forme de l'enseignement:

Formal teaching and small group tutorials

(*) Cette matière est combinée avec d'autres matières pour l'évaluation