**Evolution, Ecology and Behaviour**

**M.Sc. Biology Module 2 A, B, C**

- Analyse behavior and gene expression
- Identify chemicals with GC-MS
- Use R to statistically analyse your data

**COURSE CONTENT**

**Lecture (Oct - Dec)**
- Behavioural ecology
- Sexual selection
- Social Evolution
- Molecular Evolution
- Molecular basis of behaviour
- Communication & chemical ecology
- Bioinformatics and Biostatistics

**Practical (Nov - Dec)**
- Analyse behavior and gene expression
- Identify chemicals with GC-MS
- Use R to statistically analyse your data
- Design and perform your own study

**What you’ll learn**

- Key concepts in molecular evolution, behavioural ecology, chemical ecology, and social evolution
- How to design and analyse your own experiment

**LECTURERS/INSTRUCTORS**

- Prof. Susanne Foitzik (foitzik@uni-mainz.de)
- PD Dr. Florian Menzel
- Dr. Romain Libbrecht
- Dr. Joe Colgan
- Dr. Hugo Darras

For more information about us:

**A Module:** lecture + 2.5 weeks practical (exam + protocol)
**B Module:** research project (5 weeks), flexible in winter / spring (protocol + presentation)
**C Module:** lecture + seminar (exam + presentation)