## A-modules:

- Analysis of form and function in living systems
- **Bioinformatics for Master students Beginner's Course**
- Beginner's course: Programming in C/C++
- Theory and Practice of Phylogenetic Systematics
- **Principles of Taxonomy: Weekend Seminar**
- **Bioinformatics and Evolutionary Genomics**
- Histology, Tomography, and Computer-aided 3D Reconstruction of Animal Anatomy
- Phenotypisation and cladistic analysis of morphological characters
- Application of Immunohistochemistry in Invertebrate Systematics
- Application of Electron Microscopy in Invertebrate Systematics
- Practical Course on Electron Microscopy
- **DNA Barcoding: Identifying and Describing Biodiversity**
- Strukturelle und materialwissenschaftliche Charakterisierung biologischer Materialien und Rezeptoren
- **Molecular Evolution and Phylogeny**
- Geographic Information Systems (GIS) for Plant Biogeography & Conservation
- **Biodiversity Informatics: Data Analyses for Ecology and Biogeography**
- **Transport Physiology**
- Modern Biodiversity Research: from Population Genetics to Phylogenomics
- Plant Evolution and Phylogeny Lab
- **Chemistry of Natural Products**
- Advanced Methods
- **Advanced Computer Skills**
- **Advanced Bioinformatics**
- **Experimental Design and Statistics with R**

## **B-modules:**

- **Environment and Behaviour: Theory**
- **Environment and Behaviour: Practical Cognition and Behaviour**
- Neuroethology: Neural Basis of Behaviour and Sensory Perception
- Behavioural Ecology Theory
- Neuroanatomy
- Palaeobiology of Invertebrates
- Vertebrate Comparative Anatomy and Functional Morphology
- **Ecology of Marine Habitats**
- **Diversity, Systematics and Evolution of Plants**
- Organismic Botany 2: Vegetation and Plant Ecology
- Plant Biochemistry, Physiology and Molecular Biology
- Systematics and Biology of Plants
- Palaeobotany and Palynology
- **Plant Biodiversity and Conservation**
- Vertebrate Palaeontology I: Palaeobiology and Evolution of the Vertebrates
- **Evolution and Biodiversity of Lower Vertebrates**
- Evolution, Diversity, and Biology of Arthropods
- **Speciation in Fishes: Patterns and Processes**
- Patterns and Processes Shaping Biodiversity
- Form & Function in Birds: an evolutionary perspective
- **Specialization in Vertebrates Paleontology: Mammals**
- Specialization in Vertebrate Paleontology: Dinosaurs
- Vertebrate Palaeontology II: Vertebrate Fossil Deposits Through Time
- Plant–Animal Interactions in Deep Time: Fossil Record, Coevolution, Ecological Relationships
- **Research Seminar on Plant–Insect Interactions in the Fossil Record**
- **Evolution of Mammals**
- **Evolution of Mammals Form and Function**
- **Experimental Behavioural Ecology**
- Genomics of Behaviour
- Advanced Course in Combining Field and Lab Techniques and Methods
- Bee hotels as a model system for field ecology and insect interactions

## C-modules:

- Marine Biology
- Zoogeography and Ecology of Marine Organisms in Tropical Habitats
- Ecology of the Wadden Sea
- Biodiversity and Ecological Constraints on the Rocky Shore
- Fauna of the North-Atlantic Coast Line with a Field Trip to Roscoff/Bretagne
- Ecology and Zoogeography of the Pannonian Area, with a Field Trip to the Neusiedler Lake
- Biodiversity of the Tropics, with a Field Trip to Ecuador
- **Behavioural Ecology of Hole-Nesting Passerine Birds**
- Vegetation Ecology (including Excursion)
- Palaeontology and Biology of Texas an Integrated Field Course
- Mesozoic Dinosaur and Plant Ecosystems and the Marine Realm
- Mesozoic Dinosaur and Plant Ecosystems and the Marine Realm in England
- Integrated Field Course Brazil
- **Evolution and Biology of Amphibians: The Fossil Record**
- Paleontology and Biology of the Bighorn Basin, Wyoming, USA
- **Advanced Field Methods**
- Animal Ecology and Methods in Biodiversity Monitoring