



Faculty of Tropical
AgriSciences

Master's Degree Study Programme

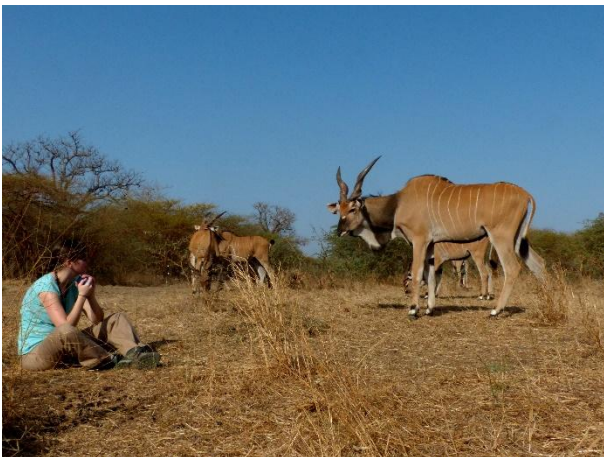
Wildlife and Livestock Production, Management and Conservation (WLPMC)

Specialization:

WILDLIFE MANAGEMENT AND CONSERVATION (WMC)

Examples of Master's theses:

- Detectability of Western Derby elands in semi-arid and sub-humid savanna by aerial imagery
- Spatial and social behaviour of giraffe in Garamba National Park, DRC
- Drivers of reptile diversity in Serra de Bocaina NP and surrounding agricultural areas, SE Brazil
- Non-invasive faecal monitoring of hormones in female cheetahs
- Analysis of the use of Bromeliads by the Andean bear in paramo ecosystems in Southern Ecuador
- Genetic diversity of pangolins in Congo



Indicative study plans

Obligatory courses

- ✓ Resource Ecology
- ✓ Biological Data Processing
- ✓ Human-Wildlife Coexistence
- ✓ Wildlife Surveys and Monitoring
- ✓ Molecular Ecology
- ✓ Practical Animal Handling, Sampling and Processing
- ✓ Practical Training
- ✓ General Epizootiology
- ✓ Vertebrate Zoology
- ✓ GIS I.
- ✓ Protected Areas Management
- ✓ Animal Diversity Conservation

Courses are supplemented by obligatory Scientific Seminars and preparation of Master's theses.

The **Practical Training** is designed in order to allow students to gain practical work experience, and it is located off-campus in either governmental or non-governmental sectors whose scope covers research, development and/or pedagogical activities with special regard to tropical regions, developing countries and/or agricultural education worldwide.

Required optional courses – group A

- ✓ Animal Behaviour
- ✓ Animal Breeding and Genetics
- ✓ Husbandry of Indigenous Animal Species
- ✓ Nutritional Epidemiology
- ✓ Animal Welfare
- ✓ Game Ranching
- ✓ Deer Biology and Production
- ✓ Animal Nutrition and Feeding
- ✓ Wildlife Capture and Translocations
- ✓ Outdoor Fieldwork
- ✓ Infectious Animal Diseases
- ✓ Antelope Breeding and Conservation
- ✓ Antelope and Deer Excursion

Students select at least 4 courses from this group.

Required optional courses – group B

- ✓ Tropical Phytocoenoses
- ✓ Tropical Crop Production
- ✓ Agroforestry
- ✓ Tropical Products Marketing
- ✓ Tropical Entomology
- ✓ Tropical Pastures and Fodder Crops
- ✓ Project Monitoring and Evaluation
- ✓ Project Cycle Management
- ✓ Introduction to Wildlife Management
- ✓ Economic Botany
- ✓ Global Food Security
- ✓ GIS II.
- ✓ Personal Security and Risk Management
- ✓ Summer Training Camp
- ✓ Economics of Farming Systems
- ✓ Winter Training Camp
- ✓ Organic Waste Management

Students select at least 2 courses from this group.

Optional courses

Students select other courses which are taught in English from the actual offer of the Czech University of Life Science Prague, or courses can be passed at foreign universities as part of Erasmus+ exchange programs.

State exam

The state exam consists of a Master's thesis defence and examinations from 2 obligatory and 1 optional topics.

Obligatory topics:

- Management of Resources
- Wildlife Management and Conservation

Optional topics:

- Animal Behaviour and Welfare
- Animal Health
- Sustainable Wildlife Use

Detailed and actual study plans are available in the University Information System (UIS) – is.czu.cz