



Course directors

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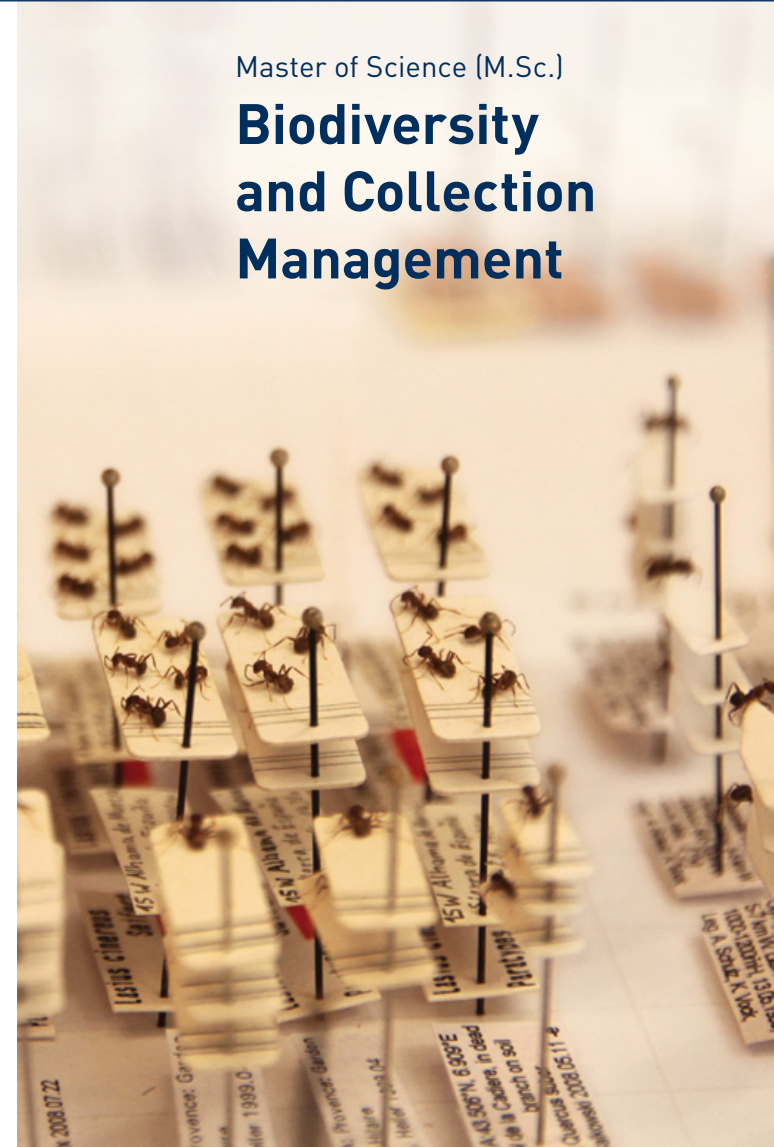


We are happy to advise you individually about application details and deadlines:

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Master of Science (M.Sc.)
**Biodiversity
and Collection
Management**



Study, document and organise natural history!

Addressing the rapid loss of biodiversity at the global scale counts as one of the key challenges of our time. Detailed knowledge of species and their environment is urgently needed; however, universities increasingly lack resources and expertise to provide specialist teaching on species' taxonomy. To address this, the IHI Zittau (a Central Academic Unit of TU Dresden) joined forces with Senckenberg, a large natural history research institution (part of the German Leibniz Association), and established a novel research-oriented MSc course.

The course is unique in that it explicitly links biodiversity studies with collection management. The curriculum covers aspects of global biodiversity including taxonomy, systematics and ecology, and it develops skills in management and project organisation. The key research infrastructure of the course is centred on learning about collections; the methods and administrative frameworks governing the acquisition, study and maintenance of biological and geological specimens.

Throughout the course, students develop a detailed knowledge on current biodiversity and palaeontology, have the opportunity to specialise on certain taxonomic groups and learn how to obtain and reliably document data on biodiversity. A secondary focus of the course is on developing project management skills, promoting international cooperation and organizing research teams.

Content of your studies

Semester	Content	Place of Study
1	Taxonomy and Systematics - Zoology Taxonomy and Systematics - Botany and Mycology Applied Ecology Biochemistry and Analytics for Organismic Diversity International Management	Görlitz Görlitz Görlitz Zittau Zittau
2	Field Methods in Biodiversity Research Elective modules: Internships in Senckenberg's natural history collections: Zoology, Botany, Palaeontology & Geology	Görlitz German-wide
3	Collections and Museums Collections and Genetic Approaches Project Management Microbial Ecology Elective modules: Intercultural Communication and Stakeholder Involvement / Environmental law / Applied ethics	Görlitz Görlitz Zittau Zittau Zittau
4	MSc thesis Defense	

Studying in Zittau and Görlitz - from Research to Profession:

IHI Zittau and Senckenberg have been delivering relevant research programmes and academic courses for several years. The MSc course enhances students' skills in assessing and monitoring biodiversity, applied ecology and practical conservation at both the national and international levels. On completion of the course, successful graduates will be well placed to take up occupations in:

- Natural history museums with a focus on research and / or exhibitions on biodiversity;
- Planning authorities, in conservation biology and / or monitoring;
- Environmental consultancies;
- Government offices, developing biodiversity policies and regulations; or
- Universities

Facts and admissions requirements

Degree: Master of Science (M.Sc.)

- Length of study/ECTS: 4 semesters (120 ECTS)
- Language: English
- Place of study: Zittau, Görlitz and other Senckenberg sites

Admissions requirements

- Degree in Biology or related Life and Environmental Sciences
- English skills equivalent to at least level B2 of the Common European Framework of Reference for Languages, shown by a certificate such as IELTS or TOEFL
- German (optional): IHI Zittau offers courses in German for foreign students