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Biodiversity and Collection Management • Technische Universität Dresden • Zittau ............... 2
Master's degree

Biodiversity and Collection Management
Technische Universität Dresden • Zittau

Overview

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<th>Table</th>
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<tr>
<td>Degree</td>
<td>Master of Science</td>
</tr>
<tr>
<td>Course location</td>
<td>Zittau</td>
</tr>
<tr>
<td>In cooperation with</td>
<td>Senckenberg Society for Natural Science</td>
</tr>
<tr>
<td>Teaching language</td>
<td>English</td>
</tr>
<tr>
<td>Languages</td>
<td>English</td>
</tr>
<tr>
<td>Programme duration</td>
<td>4 semesters</td>
</tr>
<tr>
<td>Beginning</td>
<td>Winter semester</td>
</tr>
<tr>
<td>Application deadline</td>
<td>15 September</td>
</tr>
<tr>
<td>Tuition fees per semester in EUR</td>
<td>None</td>
</tr>
<tr>
<td>Combined Master's degree / PhD programme</td>
<td>No</td>
</tr>
<tr>
<td>Joint degree / double degree programme</td>
<td>No</td>
</tr>
<tr>
<td>Description/content</td>
<td>Addressing the rapid loss of biodiversity on a 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 training on the taxonomy of species. 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 of study. The course of study 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 of study is centred on learning about collections. Students learn about the methods and administrative frameworks governing the acquisition, study, and maintenance of biological and geological specimens. Throughout the course of study, students develop a detailed knowledge on current biodiversity and palaeontology, have the opportunity to specialise in certain taxonomical groups, and learn how to obtain and reliably document data on biodiversity. A secondary focus of the course of study is developing project management skills, promoting international cooperation, and organising research teams.</td>
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</tbody>
</table>
# Course Details

## Course organisation

First semester (at IHI Zittau and Senckenberg Museum Görlitz):
- Taxonomy and Systematics - Zoology, Botany, and Mycology
- Applied Ecology
- Biochemistry and Analytics for Organismic Diversity
- International Management

Second semester (at Senckenberg institutes all over Germany):
- Field Methods in Biodiversity Research
- Internships in Senckenberg's natural history collections: Zoology, Botany, Palaeontology & Geology

Third semester (at IHI Zittau and Senckenberg Museum Görlitz):
- Collections and Museums
- Collections and Genetic Approaches
- Microbial Ecology
- Elective modules: Intercultural Communication and Stakeholder Involvement, Environmental Law, Applied Ethics

Fourth semester:
- Master’s thesis

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## International elements

- International guest lecturers
- Training in intercultural skills
- Study trips
- International comparisons and thematic reference to the international context

## Integrated internships

The second semester is reserved for an internship at Senckenberg research institutes all over Germany (e.g. Frankfurt or Wilhelmshaven).

## Special promotion / funding of the programme

- Other (e.g. state level)

## Course-specific, integrated

German language courses

Yes

English language courses

No

## Costs / Funding

<table>
<thead>
<tr>
<th>Tuition fees per semester in EUR</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester contribution</td>
<td>Currently, students pay 276 EUR per semester (i.e., for six months). This includes a ticket for public transport in Dresden (bus, tram, ferry, &quot;S-Bahn&quot; suburban train) and regional trains in the Federal State of Saxony. Additionally, students can use a bike rental service all over the city</td>
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</tbody>
</table>
for free for one hour. The contribution also assures concessions in the university cafeterias and offers benefits (e.g., price reductions) for many cultural and leisure activities in Dresden.

Costs of living

Görlitz and Zittau offer high quality of living for very moderate costs. Currently, students should expect to pay around 500 EUR per month including rent, food, insurance, and basic expenses. This figure is very low compared to big German cities.

Funding opportunities within the university

No

Requirements / Registration

Academic Admission Requirements

Bachelor’s degree (or equivalent) in biology or related life or environmental sciences

Language requirements

Applicants must provide proof of English skills, at least equal to level B2 of the Common European Framework of Reference for Languages, shown by a certificate such as IELTS (6.0) or TOEFL (80 iBT, 550 PBT, 213 CBT).

Application deadline

15 September

Submit application to

Ms Uta Scheunig
Internationales Hochschulinstitut Zittau
Markt 23
02763 Zittau
Germany

Services

Accommodation

It is quite easy to find accommodation in Görlitz or Zittau. Accommodation is available either via the Studentenwerk Dresden or on the private market. Rent for a single room in a student residence is approx. 200 EUR.

Private housing can be found online. We recommend that students move into a hall of residence at the beginning of their stay and later find a place on the private market or in a shared apartment, known in German as a “Wohngemeinschaft”.

Specific specialist or non-specialist support for international students and doctoral candidates

- Welcome event
Contact

Technische Universität Dresden
International Institute (IHI) Zittau

Uta Scheunig

Markt 23
02763 Zittau

Tel. +49 35836124115
✉ studium.ihi@tu-dresden.de
🌐 Course website: https://tu-dresden.de/ihi-zittau/studium/studienangebot/biodiversity-collection-management

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