



Collaboration, Innovation and Resilience: Championing a Digital Generation

Brisbane, Australia 6-10 April

TU Wien's New English Master's Program in Geodesy


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Study in Vienna - Most liveable city in the world¹

¹2024: 1st place of the most liveable cities in the "Global Liveability Index" ranking of the "Economist Intelligence Unit" (EIU).



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TU Wien – more than 26.000 students



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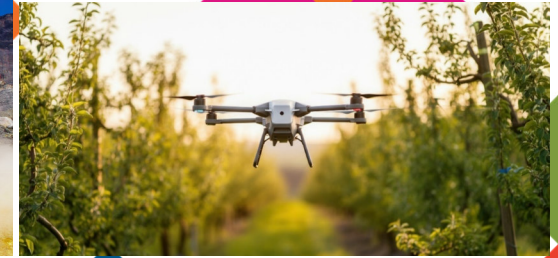


Geodesy and Geoinformation at TU Wien



Research units:

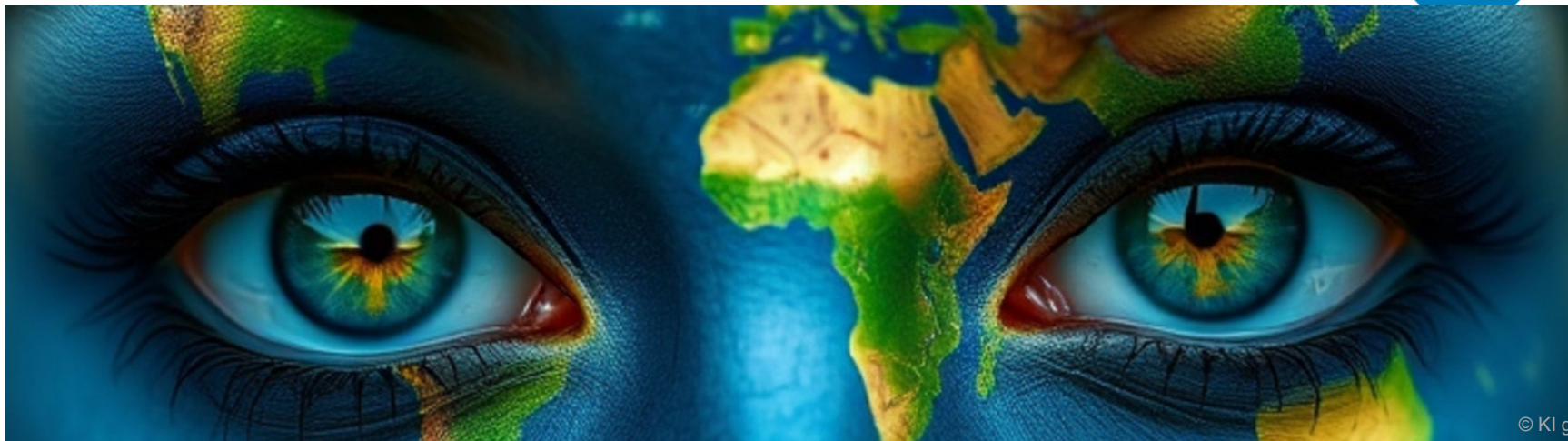
- Remote Sensing
- Geoinformation
- Geophysics
- Higher Geodesy
- Engineering Geodesy
- Cartography
- Photogrammetry
- Climate and Environmental Remote Sensing



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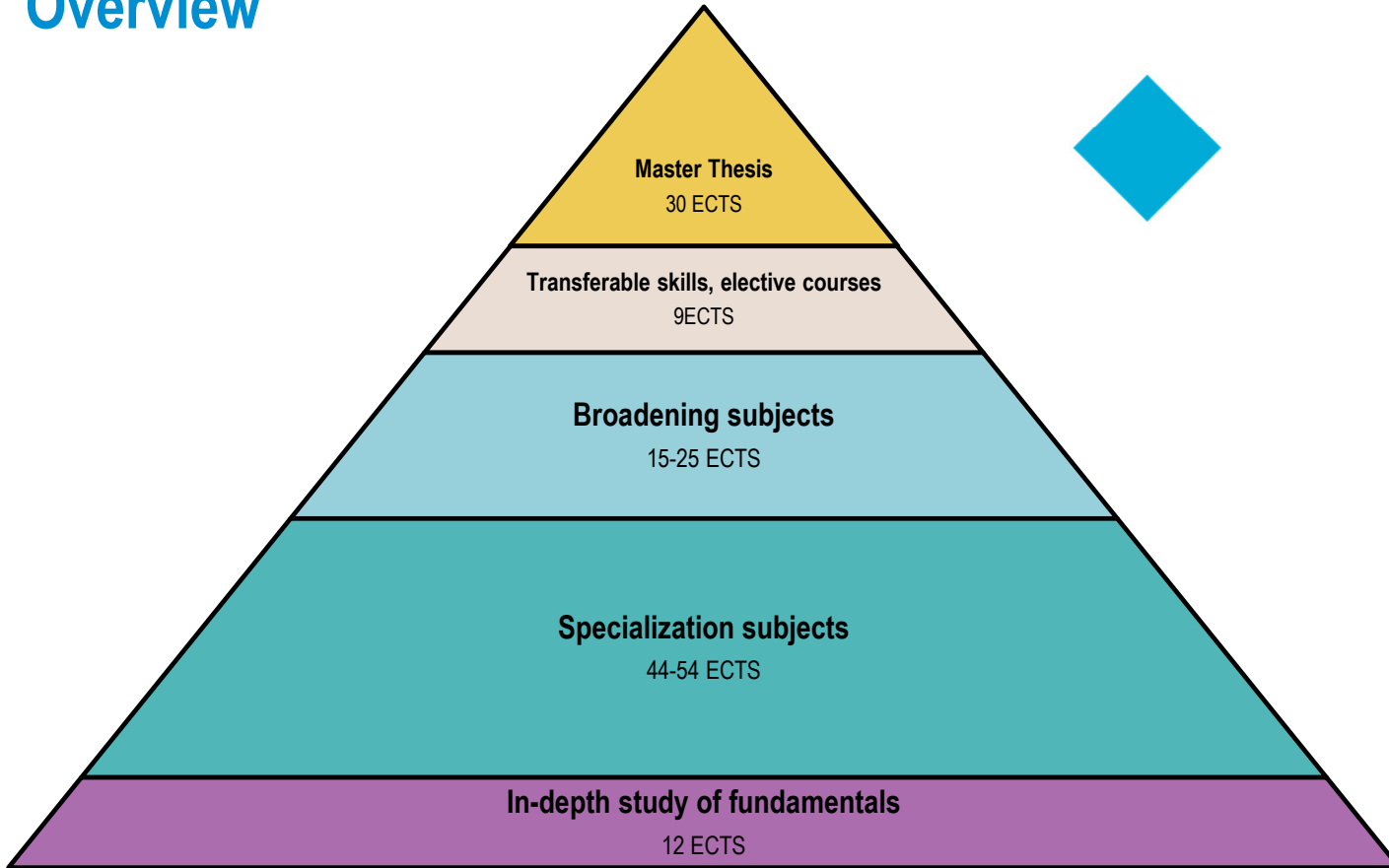
Facts on the Master's Programme

- Name: **Geodesy and Geoinformation**
- Duration: 4 semesters
- Credits: 120 ECTS
- Certificate received upon completion: Master of Science (MSc) / Diplom-Ingenieur (Dipl.-Ing.)



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Overview



Modules

1st & 3rd Semester:
Oct – Jan

2nd & 4th Semester:
Mar - Jun

1 st Semester	2 nd Semester	3 rd Semester	4 th Semester
Seminars			Master Thesis
Parameter Estimation	Advanced Engineering Geodesy	Applied Geoinformation	
Space Geodesy	Gravity Field and Earth Rotation		
Microwave Remote Sensing	Advanced Photogrammetry	<i>Liegenschaft und Kataster</i>	
Earth Observation			
Statistical Pattern Recognition	Climate and Environmental Remote Sensing		
Geoinformation Theory			
Theoretical Cartography			
Applied Cartography			
<i>Recht und Wirtschaft</i>			
Geo-Data and Data Processing			
Navigation and Space			
Areal and Kinematic Measurement Methods in Engineering Geodesy			
Environmental Geophysics			
<i>Umwelt</i>			
Supplementary Mathematics			
Supplementary Specialization			
Elective Courses and Transferable Skills			

- In-depth study of fundamentals
- Specialization subjects
- Broadening subjects
- Elective Courses, Transferable Skills

In German language



Interested? - How to apply

Admission process:

Go to www.tuwien.at/en/studies/admission/masters-programmes

1. Application for admission with required documents
2. Online application
3. Enrolment in person at TU Wien

Questions? → study@geo.tuwien.ac.at

The most relevant SDGs related to the presentation and theme of this session

1st relevant SDG



4 QUALITY EDUCATION

2nd relevant SDG



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

3rd relevant SDG



13 CLIMATE ACTION

SUSTAINABLE DEVELOPMENT GOALS

International Federation of Surveyors supports the Sustainable Development Goals