



**WEIHENSTEPHAN · TRIESDORF**  
University of Applied Sciences

# Climate Change Management

Master's degree programme

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22 June 2023

# CLIMATE CHANGE MANAGEMENT AT HSWT



First student intake in October 2020

- Climate change a major challenge now and in the future
- Solutions are urgently needed
- Creation of the MCC upon initiative from the Institute of Ecology and Landscape
- The MCC programme focuses on climate change mitigation and adaptation solutions from farm to landscape level.

# CLIMATE CHANGE MANAGEMENT AT HSWT



Weihenstephan campus in Freising

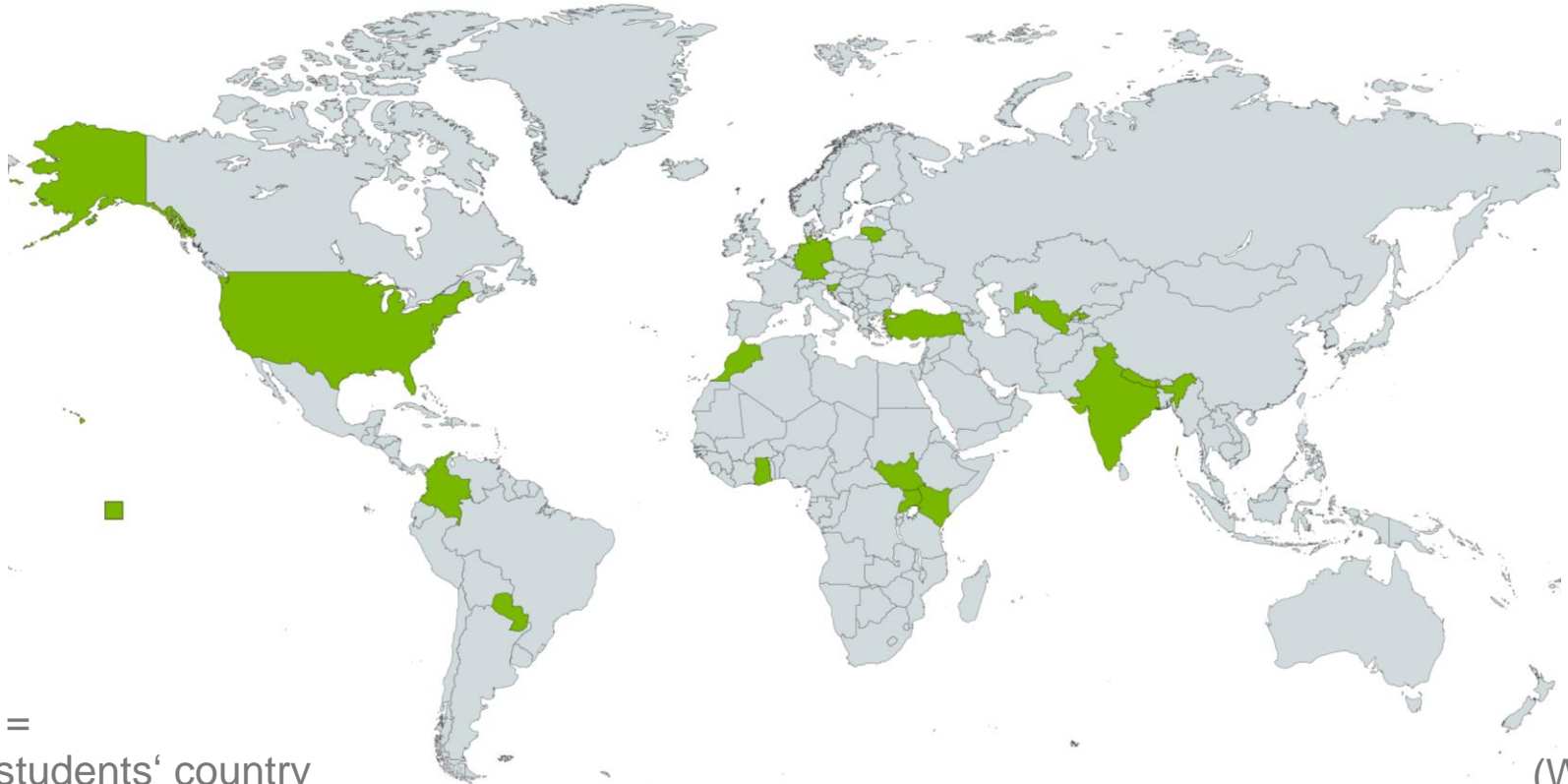
Departments in Weihenstephan:

- Landscape Architecture
- Sustainable Agriculture and Energy Systems
- Forestry
- Bioengineering Sciences
- Horticulture and Food Technology

MCC

Cooperations e.g. with the Bavarian Institutes of Agriculture and Forestry (Landesanstalt für Landwirtschaft [LfL]; Landesanstalt für Wald und Forstwirtschaft [LWF])

# WHERE DO OUR STUDENTS COME FROM?



green =  
MCC students' country

# MCC COURSE STRUCTURE

SEM.	COURSE CONTENT
1 <sup>st</sup>	Basics & Methods
2 <sup>nd</sup>	Solutions – Mitigation (m) and Adaptation (a)
(2 <sup>nd</sup> )	Internship
3 <sup>rd</sup>	Master's thesis

Duration of studies:

**3 semesters**

(depending on the entry qualification, additional work may need to be carried out, increasing the duration to a total of four semesters)

# MCC COURSE STRUCTURE

- Climate Change
- Soil & Water Resources and Climate Change
- Digital Tools
- Statistics & Dendroecology
- Mitigation and Adaptation in Forests and Agriculture
- Biological Sinks and Technical Solutions
- Landscape and Landuse Planning; Governance, Law and Economics
- Project 1 / Project 2 (Data Competence / Planning Solutions)
- Biodiversity & Global Ecosystems
- Electives

# COURSE INSIGHTS



Field trips and practical exercises

# COURSE INSIGHTS

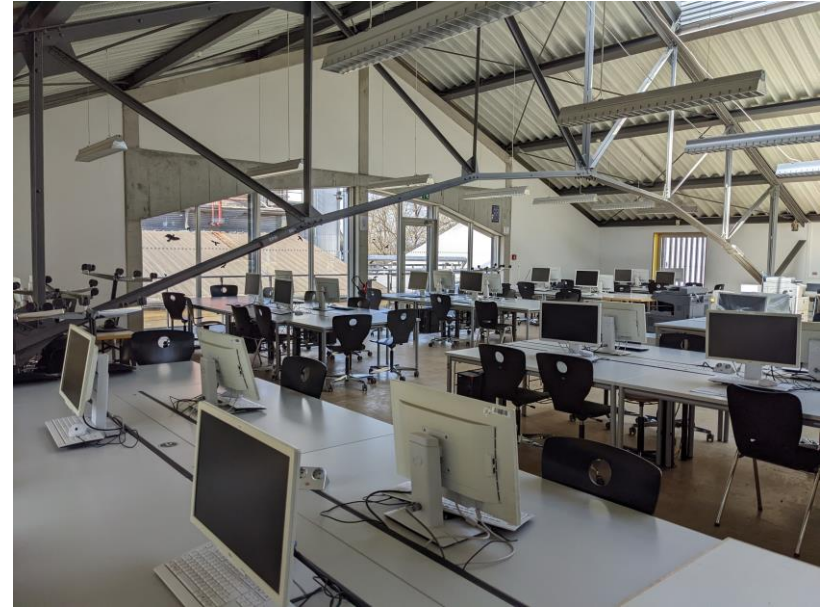


Work in the laboratory





# COURSE INSIGHTS



IT rooms can be freely used by students

# MCC CAREER PERSPECTIVES

- Consulting companies working on climate impacts, climate reports, adaptation strategies etc.
- Private and state forestry sector
- Agricultural sector
- International institutions
- Research
- PhD, e.g. in cooperation with the Bavarian Academic Forum (BayWISS)

# MCC ADMISSION REQUIREMENTS



Degree in environmental or  
landuse sciences such as

- Landscape Planning/  
Landscape Architecture
- Forestry
- Agriculture
- Environmental Engineering
- (Geo-)Ecology
- or equivalent;  
from Germany or abroad

# ADMISSION REQUIREMENTS



- Basic knowledge in at least two of the areas ecology, GIS, soil science, forestry, agriculture or environmental planning
- English-language certificate at level B2 (CEFR – Common European Framework of Reference for Languages)

# ADMISSION REQUIREMENTS



If first degree obtained outside of Germany:

- 'Preliminary review documentation' (VPD) from uni-assist
- Applicants from China, India and Vietnam also need an APS certificate

Application: May until 15 July  
Start of studies: October

# QUESTIONS?

- Programme Director  
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# THANK YOU

for your attention!

Ramona Müller

22 June 2023

*Applied Sciences  
for Life*