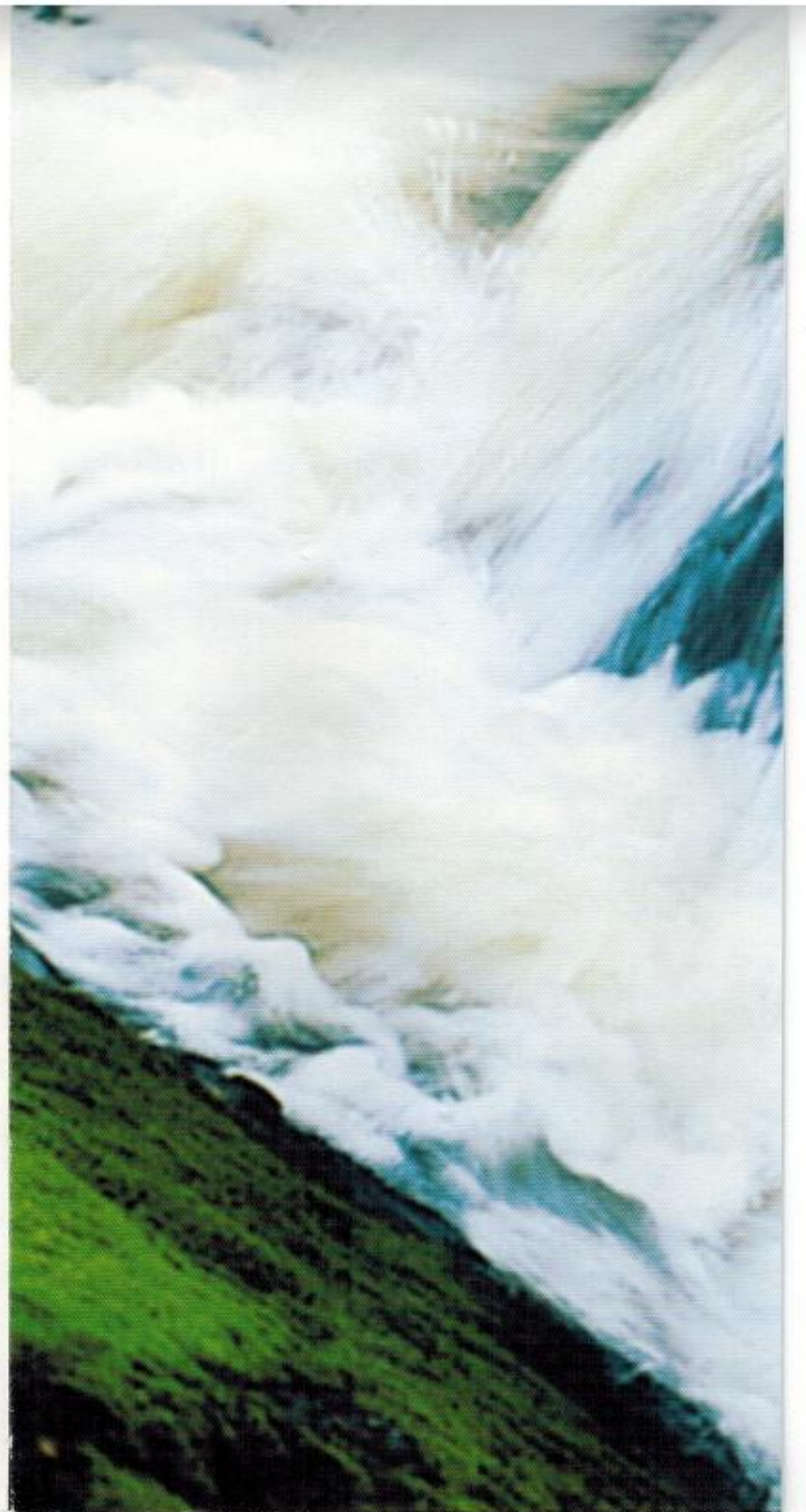




Technische Universität München

International
Master Program (MSc)
**Sustainable Resource
Management**



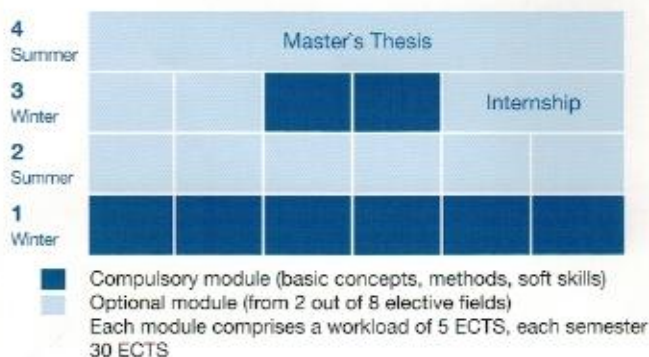
Program Objectives

At the heart of Sustainable Resource Management stand people - their abilities, their interests, their needs and their visions. Based on this premise, international and German students will be prepared for professional work in the various fields of resource management. The curriculum expands well beyond the boundaries of traditional disciplines, such as forestry and agriculture. It addresses the full spectrum of natural resources including plants, water, soil, wildlife and landscapes as well as human resources. Students will learn important concepts and techniques for sustainable management and acquire the scientific methods of resource management like systems analysis and inventory methods along with special management skills. Another focus is put on the so called soft skills, such as communication and presentation competency or conflict management.

Program Structure

The MSc Program is designed for 4 semesters. Students will receive a comprehensive introduction to methods and techniques of sustainable resource management and get insight into different disciplines of this field. A series of 6 core modules is required. This is followed by 8 modules in 2 elective fields, selected from 8 fields of specialization.

An internship and two concluding modules finally lead to the Master's thesis.



Courses offered

The language of instruction is English. The courses are offered in modules of 5 ECTS credits. Some modules are compulsory, some are optional. Each module consists of one or two courses. Compulsory modules include:

- Management of Human-Nature-Technology Systems
- Systems Analysis and Inventory Methods
- Professional Communications
- Project Management and Presentation
- Environmental and Natural Resource Economics
- Foreign Language
- Information Management and Scientific Writing
- Human Dimensions in Resource Management

Optional modules are offered within the following eight elective fields out of which two are chosen by each student:

- Resource and Environmental Economics
- Management and Protection of Forest Ecosystems
- Wildlife and Protected Area Management
- Landscape Management
- Renewable Resources
- Water and Soil Management
- Material and Waste Management
- Sustainable Agriculture

Each elective field consists of four modules.



Admission requirements

The educational requirements are one of the following or the equivalent:

- Bachelor degree (above average)
- "Diplom" degree of a University of Applied Sciences (above average)
- University „Diplom" degree

Proficiency in English is required. German recommended.

Job opportunities

Graduates may find jobs in a variety of fields and positions. They will be qualified to work with:

- Land use agencies in forestry, agriculture, watershed management or conservation
- Governmental and non governmental organizations, national and international
- Educational institutions
- Private companies and businesses

They will be in a position to apply planning and leadership skills to sustainable resource management, and to design environmental impact statements. The acquired communication skills will qualify for teaching students and training other people.

Graduates will be distinctly qualified to start their own business and work as consultants.



Tuition and living costs

The university charges a tuition fee of € 592 per semester. The average living costs in Freising amount to around € 600 per month.

Housing

There are usually a certain number of rooms reserved for international students in the student hostels in Freising.

Campus Weißenstephan

The campus Weißenstephan is located in the town of Freising (45.000 inhabitants), in a pleasant semi-rural environment, about 40 km north-east of Munich. There are excellent train and subway connections. This campus is home of the Center of Life and Food Sciences. The masters program is administered by the School of Forest Science and Resource Management.

Application

Applications are welcome until March 31st for non-EU citizens and until May 31st for EU citizens. A special aptitude assessment is carried out to evaluate the suitability of each applicant individually. The program can only be entered in October (winter semester).





Further information:

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