### Target Group

Students, who want to become experts in forest and environment related issues, will feel at home in this course. The competencies students acquire, equip them for positions in forest and ecosystem management and research, environmental planning and analysis as well as sustainable development at national and international levels. Owing to the diverse cultural backgrounds of our students, we aim to recruit broadminded candidates willing to work with and learn from fellow students from other parts of the globe.





#### Contact

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# INTERNATIONAL M.Sc. PROGRAM

## FOREST ECOLOGY AND MANAGEMENT

ALBERT-LUDWIG-UNIVERSITY FREIBURG FACULTY OF FOREST AND ENVIRONMENTAL SCIENCES

ACCREDITED BY



### **Program Focus**

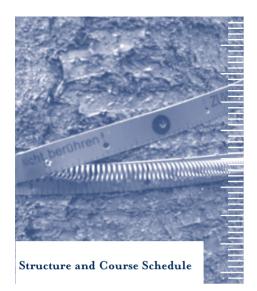
The sustainable use of natural resources will be one of the key issues of the 21st century. The M.Sc. course Forest Ecology and Management focuses on the sustainable management of forested landscapes. In a world, where both the environmental conditions as well as the aspirations of society are highly dynamic, our environment cannot be managed according to fixed recipes. Adaptive management, a fundamental concept of ecosystem management, addresses this uncertainty, and provides the framework for the content of this M.Sc. course. The study program aims at:

> an understanding and analysis of the direct and indirect effects of mankind on forests and other terrestrial ecosystems,

> an in-depth understanding of ecological and environmental processes at various levels: cells, individuals, populations, ecosystems, landscapes and global systems, and

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 > the provision of methodological
 knowledge and competence to design and evaluate management
 plans and accompanying
 research for a range of
 natural resources.



Elective Modules: Forests and Water, Agroand Farm Forestry, Plantation Forestry, Forests and Climate Change, Conservation Biology, Forest Growth and Silviculture, Ecological Modelling, Non-timber Forest Products and Bioresources, Forest and Resource Inventory, Forest-Atmosphere Interactions. In addition, students can select elective courses from the other M.Sc. Programs offered at the Faculty.

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	+ •	FOREST			NTERNSHIP (MINIMUM 7 WEEKS)		SOIL ECOLOGY AND MANAGEMENT		MANAGING HUMAN ENVIRONMENT INTERACTIONS	
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- E W	FOREST ECOLOGY AND MANAGEMENT (FEM)	: ENGLISH		Z YEAKS	120 ECTS	WINTER SEMESTER (OCTOBER)		500 EURO PER SEMESTER	VERY GOOD KNOWLEDGE OF ENGLISH (TOEFL 600/250) B.SC. OR EQUIVALENT IN FORESTRY, ENVIRONMEN TAL SCIENCES, AGRICULTURE, OR RELATED FIELDS	
0 < E R < < <	M.SC. Program	LANGUAGE OF INSTRUCTION		DURATION	TOTAL NUMBER OF CREDITS	BEGINNING OF THE COURSE		STUDY FEE	ADMISSION REQUIRE- MENTS	



Freiburg, Germany's solar city, located at the base of the Black Forest and surrounded by forests, provides the perfect environment for this course. Snow covered mountain tops in winter and Mediterraneantype vegetation in the Rhine valley are in close proximity. Freiburg is a traditional and at the same time dynamic university town and one of the most beautiful and attractive cities in Germany, located close to France and Switzerland. Freiburg is a regional centre and has a population of approximately 200 000. The University has recently been awarded the prestigious status of "University of Excellence". The multicultural environment, pleasant climate and excellent public transport system help to make student life in Freiburg an enjoyable experience.



Where do our students come from? Argentine, Brazil, Cameroon, Canada, China, Columbia, Ethiopia, France, Germany, Ghana, Greece, Iran, Ireland, Israel, Lithuania, Luxembourg, Macedonia, Mexico, Namibia, Nepal, Poland, Switzerland, Spain, Taiwan, U.S.A.

Where do

our students go for their internship and employment? > Forest and environmental research institutions in countries such as the U.S.A., Canada, Switzerland, Poland, Germany, etc. > Non-governmental, independent organisations and research institutions such as International Institute for the Environment and Development (IIED), The Nature Conservancy, etc.

> International organisations such as The World Agroforestry Centre (ICRAF), The Food and Agriculture Organization (FAO), The World Conservation Union (IUCN), United Nations Convention to Combat Desertification (UNCCD)

> Development Agencies such as "Deutsche Gesellschaft für Technische Zusammen-arbeit" (GTZ)
> Consulting companies
> Land management institutions such as National Parks, Forestry Administrations ...