



FOREST MANAGEMENT

Master of Science



Hochschule für Forstwirtschaft
Rottenburg
University of Applied Sciences

Real close. Far ahead.



Learning for the needs of tomorrow!

With nearly 1,100 students, the University of Applied Forest Sciences (HFR) is a small but future-oriented University of Applied Sciences. The curricula are based on employment-related fields of the future.

In its courses, the university develops cross-sectoral solutions in the fields of forest management, timber industry, nature and environmental protection, landscape planning, water management, sustainable regional management, resource-efficient building and renewable energies. These programmes focus on transferring knowledge and skills for the material and energetic use of renewable resources and responsible use of scarce resources.

Graduates have excellent employment prospects.

The HFR was awarded UNESCO prizes every year from 2006 to 2014 for their forward looking educational offer. It is thus one of 16 institutions from over 1,800 award-winning projects. It also won the university competition "Excellence strategies", organised for small and medium universities by the German science foundation.

Sustainability as a theme

Within the country, HFR is among the universities with the clearest training and research profiles due to its consistent orientation of all programmes towards the principle of sustainability. It prepares students for their professional career with a comprehensive academic education (key skills and expertise).

As a result, the application-oriented combination of research and teaching forms a solid unit. HFR offers 5 Bachelor's and 3 Master's programmes.

The university maintains close contacts with numerous partner universities in many European countries and worldwide. These collaborations primarily serve international student exchange.

The clear layout of the university and its historic campus ensures a familial atmosphere and short walking distances. This allows students to be advised individually, which significantly contributes to more pleasant and effective studies. The location surrounded by forest and orchards offers many opportunities for outdoor teaching events.



"With us, knowledge and expertise on sustainability is acquired through individual studying."

PROFESSOR DR. DR. H.C. BASTIAN KAISER, RECTOR





Fit for a challenging field of work

Get your Master's degree in Forest Management!

The Master's programme addresses graduates from Bachelor programmes in Forest Management and Forestry Sciences who wish to acquire skills in the strategic planning and management of forestry enterprises along the lines of sustainable and multifunctional forest management.

The conditions of forest management are continually changing: economic development, social change, climate change and new ecological challenges, political processes and new scientific findings mean that forest management has to adapt frequently. Executives in forest management enterprises and administrations are now more than ever faced with the challenge to align long-term forest growth processes with diverse economic, ecological, social and cultural requirements of this dynamic environment.

Expertise in the planning, organisation and management of forest management enterprises and administrations, an interdisciplinary understanding of the ecological, economic and social context, and the capacity for competent communication within and outside their own organisation give our graduates an interdisciplinary profile.



Modern forest management...

... sustainably develops the commercial, protective and recreational functions of the forest; it particularly takes into account the interests of environmental conservation.

... looks outside the box into adjacent economic and scientific branches; it creates synergies with partners in economics, politics and society.

... consistently implements sustainability in forest management; it continually develops sustainable provision of all the forest goods and services for many different clients and users.

... uses the instruments of strategic planning and control in order to optimally design processes; it develops the best possible solutions for and with forest owners, clients and other users of the forest.



Close to research and practice

HFR places particular emphasis on high practical relevance. During lectures the students constantly deal with case studies from forestry enterprises and administrations. The contents of the seminars, lectures and exercises are sequenced and go far beyond topic boundaries. This prepares students for situations which they will face in their professional careers. Team-work skills are trained and further developed in group projects. Project work completes the student's profile by combining various technical aspects of a problem into a common question to find an overarching solution. Key competences such as personnel management and communication are equally developed.

Students spend a significant portion of their studies on site, e.g. in the nearby Rottenburg municipal forest. Here they take measurements, assess forest resources from an operational perspective and plan silvicultural strategies. The university teaching and experimental forest of 2,500 hectares offers a varied and versatile learning environment for students. The study programme is divided into seven modules, with a total of 27 courses, including practical projects and the Master thesis.



Hands-on work in the environment of a real forest enterprise forms an integral part of the programme.



Program overview and content

In the first semester, aspects of measurement and planning at a forestry enterprise level are taught. Topics include the ecology of forest growth and its management as well as operational management and leadership. The second semester deals with the topic of forest, politics and society. In addition, value-added chains in the timber industry are examined and discussed, for example with a view to markets and logistics.

An interdisciplinary practical project including research, development and project management brings previously learned contents together. During the third semester, students work on an additional practice project, with a focus on forest inventory. The remaining time is intended for preparing your thesis. Your advising professors will support you in this.

1st SEMESTER Strategic forest management planning, strategic silvicultural control, strategic forest management and leadership
2nd SEMESTER Forest-politics-society, value added chains in forest management, interdisciplinary practical project 1
3rd SEMESTER Interdisciplinary practical project 2, Master's thesis
MASTER OF SCIENCE (M.Sc.)



You have great development opportunities here. And excellent career prospects.

The university's team consisting of internal, external and guest lecturers ensures that students receive a comprehensive and interdisciplinary education. In close contact with practising professionals, current and future requirements are taken into account.

Graduates of our Master's programme are well prepared for leadership positions in public and private forest enterprises and administrations. They will find their prospective employer in the Federal Republic of Germany and in neighbouring countries.

They are characterised by their interdisciplinary understanding of ecological, economic and social contexts in all matters concerning forests and forestry.

They leave a professional and socially competent impression. In their professional careers, they approach complex issues open-mindedly, self-confidently and with expert knowledge.

Many work disciplines

Apart from the opportunity of working at the forest administration level for federal, state and local governments, our graduates also have multiple perspectives in:

- Forest owners associations
- Silvicultural associations
- Private forestry businesses
- Natural and environmental conservation
- Management tasks in the forest and timber industry
- Business consulting
- Rehabilitation and development aid
- Forestry and environmental politics

10 REASONS

for Forest Management in Rottenburg

Interdisciplinary study form

Hands-on training

Strategic thinking and action

Goal orientation

Orientation towards sustainable and multi-functional forestry

Networked skills profile

State-of-the-art technical equipment

Close contact with teaching staff

Versatile training forest

Excellent career prospects





Rottenburg - loveable and liveable

Buildings spanning styles from eight centuries make up the cityscape of the idyllic town on the Neckar river (e. g. medieval and gothic churches or baroque chapels).

A variety of traces dating right back to Roman times bear witness to an interesting past. At carnival time, things get a bit crazy in the city and every year there is a temptingly interesting range of cultural events offered.

Rottenburg offers attractive and affordable living space, with plenty of shopping opportunities and a good range of recreational activities.

Its location halfway between Stuttgart and Lake Constance, between the Black Forest and the Swabian Alb, as well as good transport links to the motorway make Rottenburg an ideal starting point for trips into the region, both close by and further afield.

The state capital is only 50 km away, and the university town of Tübingen is 12 km away. Both towns are easily accessible by train.

Further information on Rottenburg at:
www.rottenburg.de



In Rottenburg, it is easy to find a suitable room. There are plenty of shared student houses and affordable rooms in dormitories just minutes away from the university.



Getting started

Study programme information day

Twice a year, there is a programme information day at the university. Students and prospective students have the opportunity to attend lectures on the programmes, to participate in a tour of the campus and to talk to professors and students. The dates are on our website.

Admissions

The prerequisite for admission to the Master's programme in Forest Management is a Bachelor's degree in Forest Management, Forest Sciences or a comparable course comprising 210 ECTS credits. Missing credits can be made up during the programme. For recognition of academic achievements there is an individual review of each case after admission.

Applications

The program starts in the summer semester. The application deadline is January 15th (late applications will not be accepted). The necessary documents for application are available on the website of the university. A two-stage selection process takes place before admission. Detailed information can also be found at www.hs-rottenburg.de under the Forest Management M.Sc. programme.

www.hs-rottenburg.de

Do you have any questions about the programme?



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Do you have any questions about applying?



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Other programmes:

Bachelor of Science

- Forest Management
- Sustainable Regional Management
- Renewable Energies
- Wood Management and Technology
- Water Resource Management

Master of Science

- Resource-efficient Building
- SENCE (Sustainable Energy Competence)

University collaborations

UNIVERSITÄT HOHENHEIM



EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



Hochschule Ulm



University of
Applied Sciences

Hochschule Esslingen
University of Applied Sciences



Hogeschool
VHL
University of Applied Sciences

**Hochschule
für Technik
Stuttgart**