



# FOREST MANAGEMENT

Bachelor of Science







„EXZELLENZHOCHSCHULE“  
**Stifterverband**  
für die Deutsche Wissenschaft

 5x OFFIZIELLES  
**PROJEKT DER  
WELTDEKADE**  
2006 - 2014

# 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





**“A university education for the future”**

## **Study Forest Management for our future.**

Forest management in the 21<sup>st</sup> century is an extremely modern production and service sector with a wide variety of tasks and social obligations.

Sustainable forest management guarantees the preservation of our forests and safeguards their multiple functions. Various demands are placed on forests. Sawyers, for instance, see the forest with different eyes than hunters.

The perception of somebody jogging or mountain biking will be different from that of a biologist or ecologist. These examples could be continued almost indefinitely. What they all have in common is that, despite different interests, they all make demands on the forest and want to preserve it. These various demands must be coordinated and their implementation organised. Applied research contributes to knowledge and thus, among other things, creates the prerequisites for proper debate and evaluation of stakeholder interests. A holistic view is especially required in relation to forests. In addition to the local and regional approaches, global aspects must also be considered. Biodiversity, climate and the protection of living space for people and their economies are just examples of many other aspects.



### **Assume responsibility!**

Forests significantly affect living conditions on our planet. In sustainably managed forests, the raw material wood is produced. Its properties are valued worldwide, for example in the form of timber, as paper or fuels or as part of many other commodities.

The world's forests make a major contribution to climate stabilisation and species protection. Responsible management through the sustainable use and protection of the resource “forest” is therefore called for. Sustainable, regulated forest management thus creates structures for the responsible use of forest ecosystems.





## Relevant for practice. Close to nature.

HFR places particular emphasis on high practical relevance having lecturers from the forest industry, the integrated internship with forestry professionals, and through teaching, application and research in the nearby teaching forest and the university's own arboretum.

While studying at HFR, many of the courses take place in the "open-air laboratory teaching area" in the form of field trips, practical lab exercises, projects and group work. The close-by 2,500 hectare teaching and experimental forest offers ideal conditions for combining theory and practice. In the first two semesters the foundations for the diverse forest management studies are taught. In addition to natural and social science, technical and methodological foundations, great emphasis is placed on the acquisition of key skills. In the main course (3<sup>rd</sup> to 7<sup>th</sup> semester), the topics of forest management are developed and supplemented.

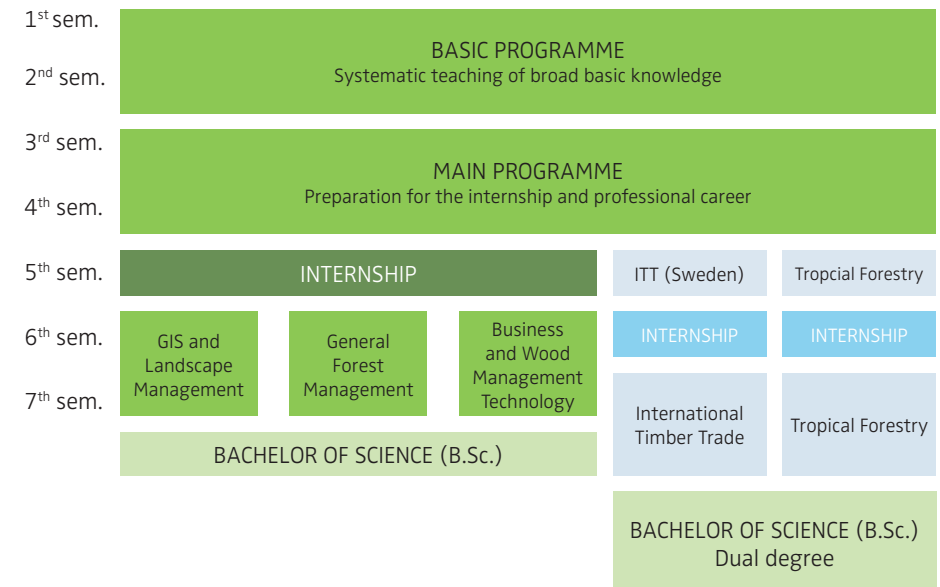
After the internship there is a possibility of specialization into three majors:

"Geographical Information Systems (GIS) and Landscape Management", "General Forest Management", and "Business and Wood Management Technology". After seven semesters, these specialisations lead to a Bachelor of Science (B.Sc.) degree in Forest Management.

The specialisations "Tropical Forestry" and "International Timber Trade" can be taken in English at our partner university in the Netherlands. A dual B.Sc. degree is obtained there: Bachelor of Science in Forest Management from HFR, and Bachelor of Science in Forest Management from van Hall Larenstein University in the Netherlands.



## B.Sc. degree programme overview



Hunting grounds and a training body of water are available for practical training for Rottenburg students.





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

Upon successful completion of a Bachelor of Science (B.Sc.) in forest management and the completion of a trainee programme, the currently applicable prerequisites are met for taking on a high-ranking position in the forest service.

In addition to employment with public agencies such as forest administrations and municipalities, other fields of employment are available to graduates:

Self-employment, an employment relationship in leadership and management positions, as a surveyor or consultant for forest ownership, in logistics and supply companies, logging companies, in the wood materials and paper industry, the international timber trade, in development cooperation, for nature and environmental conservation institutions, in landscape planning and diagnostics, to name but a few.

### Further qualifications

The Bachelor's degree forms the basis for further studies in a Master's programme. The options are to take a Master's programme in the same field of study or another field for an additional 3-4 semesters at another university in Germany or abroad.

The University of Rottenburg offers three Master's programmes:  
Master of Science in Forest Management, Master of Science SENCE (Sustainable Energy Competence - together with partner universities), and Master of Science Resource-efficient Building.

# 10 REASONS

## for Forest Management in Rottenburg

High practical relevance

Individual advice

State-of-the-art equipment

Personal atmosphere

Close to practising partners

Wide-ranging international contacts

High research intensity

Hunting grounds and fishing waters

2,500 hectares of forest on the doorstep

Great networking in the region





## 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](http://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.

### Pre-internship

Although not mandatory, it is strongly recommended for the degree programme to do a pre-internship at a state, municipal or private forestry office, forest management or forestry district, before starting the degree programme.

### Access to higher education

There are several ways leading to a degree at the University of Rottenburg: from the general university entrance exam to professional qualifications. For more information, consult our website.

### Application process

Programmes start in the winter semester. The deadline for application is July 15<sup>th</sup> (late applications will not be accepted). The application can be filled out online starting in the middle of April each year. Detailed information can be found on our website.

To apply for a student place at any university in Baden-Württemberg, a certificate of participation in an orientation test is required. ([www.was-studiere-ich.de](http://www.was-studiere-ich.de))

[www.hs-rottenburg.de](http://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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General student advice

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## Other programs:

### Bachelor of Science

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

### Master of Science

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

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## 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**