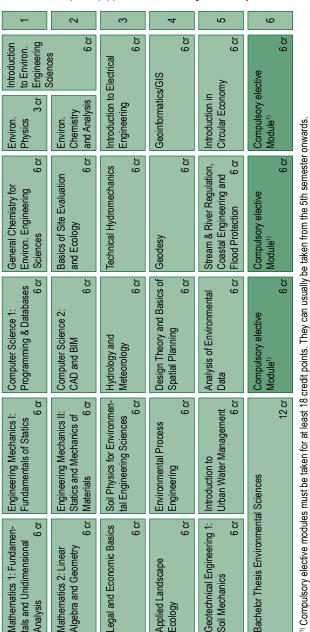
Study program

3, 6 or 12 credit points (cr) per module according to ECTS-System





University of Rostock
FACULTY OF AGRICULTURAL AND
ENVIRONMENTAL SCIENCES

Advisory Service

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State August 2021





Environmental Engineering Sciences (B.Sc.)

Degree

Bachelor of Science (B.Sc.)

Type of Study

Basic study course with a first job qualifying degree Single compartment bachelor (not combinable)

Standard course duration

6 Semester



For winter term (01.10.)



Fields of Study

Agricultural and Environmental Sciences
Mathematics / Natural- / Engineering Sciences

Formal prerequisites

University entrance qualification (e.g. Abitur certificate), certificate knowledge of German (B2), four-week internship in a programm-relevant field of application

Special notes

The four-week internship is to complete before the start of the bachelor studies. On request, a completed vocational training can be recognized as an internship.

Further option of qualification at the University of Rostock

Environmental Engineering Sciences (M.Sc.)

Enrolment for new students

www.uni-rostock.de from 01.08. to 30.09.

Environmental Engineering Science (B.Sc.)

Object and purpose of the study

The undergraduate degree course "Environmental Engineering Sciences" offers a basic training to be able to to address and solve environmental issues in a holistic way.

The environmental engineer has an application-oriented knowledge for the design and implementation of engineering structures, applications in environmental process engineering, urban water management, waste and recycling management, rural water management, environmental data acquisition and processing, integral rural planning as well as renewable energies. He is able to plan facilities to shape and to protect the environment.



The Rostock study program differs from other environmental engineering studies by focusing on the peculiarities of rural and coastal regions. The questions and solutions to be addressed here are relevant in many regions around the world.

The course is assigned to the Faculty of Agricultural and Environmental Sciences and cooperates with the Faculty of Mathematics and Natural Sciences, the Faculty of Computer Science and Electrical Engineering and also the Faculty of Mechanical Engineering and Marine Technology.

Environmental Engineering Scienses (B.Sc.)

Structure of study

The undergraduate course in Environmental Engineering Sciencesis a modularized course of studies. The study is divided into a compulsory and elective area. The compulsory modules comprise 27 modules with 162 credits. Furthermore, the student must attend elective modules with 18 credits.

Natural sciences, mathematical and engineering basics

from the fields of construction, water management and process engineering as well as ecological, economic and legal key competences are thaught. Based on this, the students are introduced to the essential fields of application of an



environmental engineer. As an alternative to the study program, the undergraduate degree course in environmental engineering enables students to complete a semester at a foreign university. It is recommended to take an internship abroad in the 6th semester.

What comes after your studies?

Typical fields of activity of the environmental engineer are for companies in the supply and disposal sector, the construction industry, environmental engineering, planning offices and consultancies, water and soil associations or in the public sector (environmental management) as well as in science.

In addition, the bachelor's program is followed by a master's degree course "Environmental Engineering Sciences" which allows further deepening and specialization.