

## APPLICATION



## Advanced Green Engineering and Sustainable Management

### ADMISSION REQUIREMENTS

- Bachelor of Engineering in the field of Chemical Engineering and Engineering programmes majoring in subjects such as Environmental Engineering, Basic Chemistry knowledge (min 5 credits)
- 210 ECTS-credits are required to study on this degree course otherwise contact the International Office or the admission team and they will provide you with alternative entry routes such as taking compensation modules
- required language skills for non-native speakers: English B2

### APPLICATION PERIOD

- National applicants: until July 15th
- EU and Non-EU applicants:



## NUMBERS AND FACTS

144

PROFESSORS

406

INTERNATIONAL  
STUDENTS

3.000

STUDENTS

155

INTERNATIONAL  
PARTNER  
UNIVERSITIES

62

COURSES OF STUDY



DEGREES

BACHELOR  
GERMAN DIPLOM  
MASTER

FIELDS OF STUDY

TECHNOLOGY  
ECONOMICS  
HEALTHCARE  
LANGUAGES  
APPLIED ARTS

### WESTSÄCHSISCHE HOCHSCHULE ZWICKAU

Kornmarkt 1, 08056 Zwickau  
[www.whz.de](http://www.whz.de)

### Information on studying and applying

National applicants:  
Dezernat Studienangelegenheiten/Studienberatung  
+49 375 536-1184; [studieren@fh-zwickau.de](mailto:studieren@fh-zwickau.de)

EU and Non-EU applicants:  
International Office  
+49 375 536-1061; [study@fh-zwickau.de](mailto:study@fh-zwickau.de)

The University of Applied Sciences Zwickau is co-financed by taxes on the basis of the budget passed by the Saxon State Parliament.  
All information is subject to change without notice in the interest of course development.  
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WHZ Westsächsische  
Hochschule Zwickau  
Hochschule für Mobilität

### FULL-TIME PROGRAMME

## Advanced Green Engineering and Sustainable Management

Master of Engineering (M.Eng.)










# Advanced Green Engineering and Sustainable Management

## OVERVIEW

Do you want to make a difference in your engineering career by studying sustainable engineering and management subjects in our practically oriented Master's programme Advanced Green Engineering and Sustainable Management? Our modules are designed to enhance your understanding of complex environmental engineering technologies and sustainable business topics. In this Master you will learn about the design of technical processes and theoretical frameworks for a resource-efficient economy and a sustainable life on our planet. Subjects include recycling practices, renewable energies and digital solutions for engineering, supply chain processes and sustainable leadership.

The difference you can make going through a sustainable transformation process could have a huge impact on the company's success. A research project in industry will help you gain the technical skills needed and put your knowledge to practice. >>>



 <b>Degree:</b> Master of Engineering (M.Eng.)	 <b>No. of semesters/Credits:</b> 3 semester / 90 ECTS
 <b>Semester start:</b> summer semester	 <b>Admission restriction:</b> restricted entry
 <b>Type of programme:</b> full-time programme	 <b>Tuition fees:</b> no tuition fees / German Visa*

>>> Our motivation is to provide you with the skills to develop technical solutions for a sustainable future. Start your journey with us in the heart of Saxony. Our team in the International Office and the career service will advise you on applications, accommodation and placement opportunities.

## CAREER PROSPECTS

Are you looking for a career that combines your interest in engineering, computing and management with a positive and sustainable work-life balance? Then study this exciting degree programme with job opportunities in various engineering subjects such as industrial engineering and renewable energy industries. Your drive in developing sustainable process solutions and smart business ideas can benefit communities around the globe. Be part of this exciting degree programme and study at the University of Applied Sciences Zwickau!



## STUDY SCHEDULE / STRUCTURE OF DEGREE

### Winter semester

Environmental and process monitoring  
Project Management  
Sustainable Supply Chain Management  
Elective modules\*\*

### Summer semester

Circular Materials and Resource Management  
Green Engineering - Scientific Foundations & Technologies  
Fundamentals of Sustainable Management and Leadership  
Elective modules\*\*

### Final semester

Master Project

#### \*\*Elective modules:

Nanotechnology in Industry, Artificial Intelligence, Large Scale Data Processing, Global Business and Projekt Communication in English, Innovation in Finance - Digital and Sustainable Finance, In-depth topics of solar energy technology, Quantum physical foundations of nanotechnology, Environmental and process monitoring, Human-Computer-Interaction and its Application to IoT, Information Systems, Analytics for Data Driven Decisions

Please note that the study schedule shown above is a simplified representation. A detailed overview, the module list as well as study and examination regulations can be found in the Modulux database of the University of Applied Sciences Zwickau. →

