

Green Science

Preserve our Earth as a planet worth living on

Global challenges such as climate change, sustainability, circular economy, waste management, soil erosion and industrial pollution require solutions that can only be tackled with thorough knowledge in science and engineering.

In our internationally accessible degree programs

- Agricultural Technology and Management
- Bio and Environmental Technology
- Food Technology and Nutrition

you will become part of the solution with employment opportunities in Europe and beyond.

The Green Science program offers students without German language skills the opportunity to obtain a Bachelor of Science in Engineering (BSc) at the University of Applied Sciences Upper Austria. The Green Science program builds on a solid natural science foundation with in-depth knowledge of many aspects of engineering and technology.

Study Focus

Green Science is the framework for a degree at the cutting edge of natural science and engineering. After a common scientific foundation phase, you can decide which path you would like to take and in which specialization you would like to obtain your Bachelor's degree. The three degree specializations include topics like:

- General Biology, Microbiology and Molecular Biology
- Chemistry, Biochemistry and Chemical Analysis
- Soil Science and Forestry
- Strategic Marketing and Innovation management
- Recycling and Life-cycle analysis
- Food production and Quality management
- Dietetics, Food allergies and Intolerances

Enter the German-speaking job market

No knowledge of German? No problem! The degree program is taught in English at the beginning and in German from the 5th semester onwards. German courses are firmly integrated into the curriculum to be able to complete the specializations and the professional internship in German.

Degree

- Bachelor of Science in Engineering (BSc)

Duration

- 2 + 6 semester (180 ECTS)

Admission Requirements

- High school leaving certificate or equivalent
- English language certificate B2 (TOEFL, IELTS)
- CV, Letter of Motivation

Application

- Online, details & deadlines on fh-ooe.at/application

Language of Instruction:

- This unique program allows international students to start their studies in English language while acquiring German language skills to start their professional career in the Austrian job market.
- Semesters 1-4 are taught in English.
- The program is taught in German from semester 5 onwards.

Admission Procedure

- Online application
- MS Teams interviews with pre-selected candidates

Mandatory Internship

- Minimum 10 weeks in Austria or abroad

Semester Abroad

- Semesters abroad and internships are encouraged and actively supported
- international@fh-wels.at

Tuition Fees

- Our university is publicly funded. Only a contribution to our running costs is collected from students: EUR 3.888,- for the first year
- EUR 726,- for every additional semester (reduced by 50% for EU citizens)



Curriculum

Preparation (English)

01 + 02 Sem	Social Skills	Mathematics + Physics	Science Electives: Biology + Chemistry	English	German
--------------------	---------------	-----------------------	--	---------	--------

→ A-level/high school diploma or equivalent / English at B2 level (IELTS or TOEFL)

Qualification (English – lectures and German – seminars and laboratories)

03 + 04 Sem	Social Skills + Economics	Engineering basics	Biology	Chemistry	Electives	German
--------------------	---------------------------	--------------------	---------	-----------	-----------	--------

→ German at B2 level

Specialization (German)

05 Sem	Specialization Agricultural Technology & Management	Specialization Bio & Environmental Technology	Specialization Food Technology & Nutrition	Electives
06 Sem	Soil science Animal nutrition Environmental technology Agricultural engineering Business administration Strategic marketing Innovation management ...	Biotechnology Micro- and molecular biology Environmental technology Clean water Clean air Quality assurance Life-cycle analysis ...	Natural science Nutritional science Food Technology Food process engineering Quality assurance Laboratory practice Product engineering ...	
07 Sem				

08 Sem	Social Skills	Professional Internship	Bachelor Thesis
---------------	---------------	-------------------------	-----------------

→ Bachelor of Science in Engineering (BSc)



I chose the FH Upper Austria Wels for its strong emphasis on practical skills and industry relevance. The focus on hands-on experience and real world application ensure you are being well prepared for the professional landscape.

The international diversity of the student body is another thing that I really appreciate. Interacting with people from various countries not only enriches you academically but also broadens your cultural understanding. The diverse environment provides a global perspective that extends beyond the classroom.

Regina Vazquez
Mexico

Contact

Head of Studies

- Dipl.oec.trophⁱⁿ Claudia Probst Ph.D.
- Manuel Selg Ph.D.
- FH-Prof. Priv.-Doz. Dr. Julian Weghuber

Program administration

- Andrea Bögl

University of Applied Sciences Upper Austria
School of Engineering
Stelzhamerstrasse 23, 4600 Wels/Austria
+43 5 0804 43134 | greenscience@fh-wels.at