

# Sustainable Energy Systems

## Come Join Us in Pioneering the Future

Sustainability is the key driver of our future development, especially when it comes to energy utilization and consumption. As natural resources are becoming increasingly scarce or more expensive, the sustainable use of energy is becoming more and more important. This degree program combines education in energy systems with regard to sustainable energy resources (solar, wind), hydrogen and battery technology and applications, e-mobility, energy efficiency, the decarbonization of the traditional energy system as well as the management of international energy-related projects. Special emphasis is placed on learning and working in multicultural teams.

### Career Profile

Students specialize individually in the two elective subject groups "Renewable energy systems" and "Hydrogen and Battery systems" in the second and third semester of their studies. Career prospects include the management and technical implementation of energy infrastructure projects, e.g. large-scale PV or wind power plants, energy efficiency measures, smart grids and grid connection of renewable energies as well as energy storage systems. Possible career opportunities include: Engineer for the design, construction, maintenance and retrofit of energy systems, technical consultant, expert for project financing and management, technical adviser for banks and insurance companies.

### Study Focus

- Interdisciplinary, technical program with a focus on sustainable energy resources
- Energy storage, energy distribution, energy efficiency, as well as energy markets and management
- Hydrogen and battery technology and application
- Business administration and intercultural management
- International project management and development
- International study groups
- English as the language of tuition

### Practical Experience and Research

The goal of the degree program is that students become part of a lifelong network of energy experts. The collaboration with industry partners guarantees the presence of international experts as well as the possibility of international internships. Due to extensive R&D activities on campus, students can get hands-on experience in energy-related research projects.

### Degree

- Master of Science in Engineering (MSc)

### Duration

- 4 Semester (120 ECTS)

### Mode of study

- Full-time, 1 day per week no classes

### Admission Requirements

- Completed Bachelor's degree (180 ECTS or equivalent) in Engineering or technical field
- good English language skills

### Application

- Online, details & deadline on [fh-ooe.at/application](http://fh-ooe.at/application)

### Admission Procedure

- Personal interview (e.g. MS Teams)

### Language of Tuition

- 100% English

### Semester Abroad

- More information: [international@fh-wels.at](mailto:international@fh-wels.at)

### Tuition Fees

- EU/EEA citizens: 363.36 EUR per semester (plus Austrian Student Union fee).
- Citizens from non-EU/EEA countries: 726.72 EUR per semester (plus Austrian Student Union fee). Scholarships available.



