



JOIN THE ISAE4W

INTERNATIONAL SUMMER ACADEMY IN ENGINEERING FOR WOMEN

12th – 27th July 2022

University of Applied Sciences Upper Austria | Europe

www.fh-ooe.at/isae4w



**UNIVERSITY
OF APPLIED SCIENCES
UPPER AUSTRIA**

WHAT IS THE ISAE4W?

For the 8th time the University of Applied Sciences Upper Austria offers a unique opportunity for a selected group of highly-motivated and talented women (high school, college or undergraduate students) to experience top-class and challenging university-level coursework. The Academy's intensive, two and a half week programme combines sophisticated theory with hands-on practical experience in engineering and natural sciences. Besides knowledge transfer in these fields, social, cross-cultural and gender aspects are covered and discussed during lectures and workshops.

Why participate?

- » Broaden technical & scientific knowledge
- » Explore the impact of technology on our society in the future
- » Earn academic credit (4 ECTS)
- » Improve language and intercultural skills
- » Make friends from all over the world
- » Creativity, fun and experience
- » Explore (Upper) Austria

COVID-19

We are cautiously planning, subject to further developments, an on-site event in compliance with the strictest measures. Our institution is closely monitoring the global COVID-19 health situation and developments at all times.

Essential Information

- » Date: 12th - 27th July 2022
- » Target group: women from 18 to 25 years
- » Language of instruction: English
- » Venue: University of Applied Sciences Upper Austria, Wels, Austria | Europe
- » Fees: € 810,- including tuition fees, room for the entire stay, meals on weekdays (weekends are free for individual activities), numerous field trips
- » Application*: Please send an e-mail to isae4w@fh-ooe.at. You will then receive a personalized registration link to our online application portal (application deadline: 30th April 2022)

*Please note that due to limited capacities a total of four students per institution can be accepted. Acceptance decisions will be made exclusively based on the students' qualifications and the fit with the offered specialization. **Competitive entry:** We reserve the right to decline applicants.





Programme

Engineering Areas

- » Environmental Engineering and Biotechnology
 - GMO Detection in Food
 - Hydropower
- » Electronics & Automation
 - Robotics Workshop
 - Current Topics in Medical Technology
- » Industrial Engineering
- » Mechanical Engineering
- » Applied Mathematics

Further Topics*

Applied Sciences in Theory and Practice

- » Group project: cutting-edge technologies and their impact on society
- » Project Management
- » Internet of Things for Astronomical Observation
- » Intercultural communication
- » Creative Science: Discover Golden Ratio
- » Dynamics of Space Vehicles
- » Scientific World View

Interesting Places to Visit*

- » Companies: Visit to Rosenbauer, a manufacturer of systems for firefighting and disaster protection, Andritz Hydro (Water Turbines)
- » Museums: Ars Electronica Center – museum for information technology and technological advancements in society
- » Cultural highlights in Upper Austria: Pflasterspektakel – street performance festival, MusikFestiWels 2022

Women in Engineering

- » The role of women in science and research
- » Science World Café: successful scientists from the FH Upper Austria report from their careers and research projects

* subject to modification

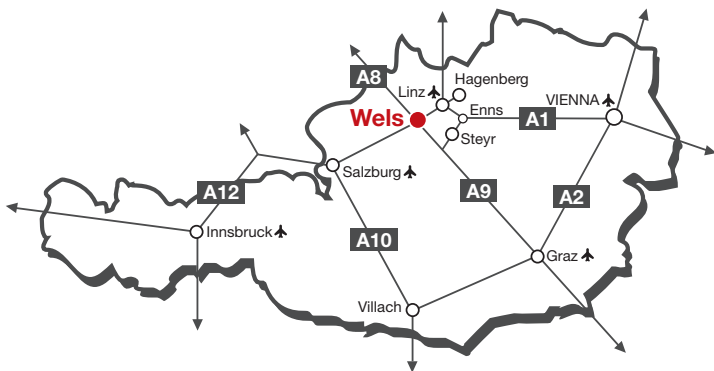
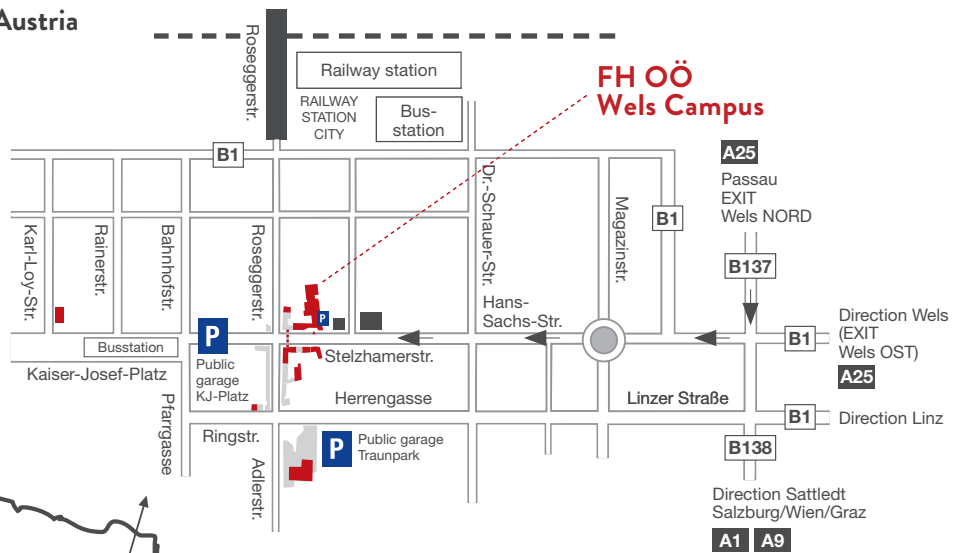


HAGENBERG | LINZ | STEYR | WELS

University of Applied Sciences Upper Austria
School of Engineering

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