JOIN THE ISAE4W

INTERNATIONAL SUMMER ACADEMY IN ENGINEERING FOR WOMEN

11th – 26th July 2023
University of Applied Sciences Upper Austria | Europe

www.fh-ooe.at/isae4w
WHAT IS THE ISAE4W?

For the 9th 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 und 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: 11th - 26th July 2023
» Target group: female STEM students 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 2023)

* 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. Competitive entry: We reserve the right to decline applicants.
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 2023

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

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