Summer School in HUNGARY at the University of Dunaújváros

Experience excellent academic content and have fun at the same time!

CONSTRUCTION AND MAINTENANCE OF NUCLEAR POWER PLANTS

CONTENT

This summer school course introduces students to the basics of safe nuclear energy, such as the types of nuclear power plants and their construction, the main operating processes, and material testing methods that qualify the safe operation of the main units. In addition to expanding their theoretical knowledge, students participating in the course receive practical tasks from individual material tests, visit an operating nuclear power plant and its training base, as well as enlarge their knowledge concerning the integrity of nuclear power plants.

COURSE AIM

After studying this course, you will:

- develop knowledge and understanding of operation of Nuclear Power Plants (NPP), including each unit;
- get an overview of production technologies of reactor vessel, focused on casting, plastic deformation processes and heat treatment of reactor steels;
- be introduced to destructive and non-destructive material testing for reactor vessel qualification
- earn practical experience in an operating nuclear power plant.

QUICK FACTS

- Application deadline: 30. April 2025.
- 7 July – 18 July 2025
- Study format: short term
- Teaching method: on campus
- Credit points: 10 ECTS
- Workload: 40 teaching hours
- Qualification: micro-credentials from UOD
- Language: English

CONTACT

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TARGET GROUP

This course is suitable for students from the field of mechanical engineering and material engineering, especially those with a special nuclear knowledge.

FEES

Course fee: 1750 EUR

Registration fee: 100 EUR

THIS INCLUDES

- All tuition, including lectures, seminars, and tutorials.
- Assessment, transcript of records and certificate.
- Accommodation at the student hostel
- Breakfast and lunch during the summer course
- Social activities, including two excursions to the Hungarian countryside

For detailed information about the course fee, visa support and cancellation and refund policy, please visit the following link:

General information on the university website

DUNAÚJVÁROSI EGYETEM
UNIVERSITY OF DUNAÚJVÁROS