

Summer School in HUNGARY at the University of Dunaújváros

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



IMMERSIVE FUTURES - VR SUMMER SCHOOL FOR GLOBAL LEARNERS

CONTENT

The course covers the fundamental concepts of space science, virtual reality, and their educational applications through immersive, practice-based learning. Students explore the universe, the Solar System, and planetary environments using realistic VR simulations, with a special focus on the International Space Station and Mars missions. The program includes interactive experiences related to orbital operations, spacewalks, docking procedures, and rover control. Participants learn about the role of drone technologies in space research, Earth observation, and surface mapping, combined with VR-based simulations. Historical and contemporary space missions, such as the Apollo 11 mission and NASA's Space Launch System, are presented through guided virtual tours. The course integrates lectures, hands-on VR practice, and simulation-based tasks to support experiential and autonomous learning.



COURSE AIM

- To introduce students to the fundamentals of space science, space missions, and related technologies through immersive VR environments.
- To develop practical skills in virtual navigation, mission execution, and technology operation within simulated space scenarios.
- To enhance problem-solving, systems thinking, and decision-making abilities through interactive and mission-based learning.
- To demonstrate the educational and research potential of VR and drone technologies in space-related contexts.
- To foster autonomous, responsible, and reflective learning aligned with modern pedagogical and technological standards.

QUICK FACTS

- 6 July - 17 July 2026
- Study format: short term
- Teaching method: on campus
- Credit points: 5 ECTS
- Workload: 40 teaching hours
- Qualification: Certificate from UOD
- Language: English

COURSE FEE

1600 EUR

THIS INCLUDES

- Registration fee (100 EUR)
- 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](#)



TARGET GROUP

The course is designed for international undergraduate and graduate students interested in space science, technology, education, and innovative learning methods. It is particularly suitable for participants with an interest in VR, simulation-based learning, and emerging digital technologies, regardless of their prior technical background.



CONTACT

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