VILNIUS TECH

Erasmus+
Enriching lives, opening minds.

INTERNATIONALISATION 360°

International
Teaching and Training Staff Week

April 5-9th, 2027
VILNIUS, LITHUANIA

MONDAY

REGISTRATION

GETTING TO KNOW EACH OTHER

UNIVERSITY PRESENTATIONS

LITHUANIAN CULTURAL EXPERIENCE

TUESDAY

VISITING FACULTIES

INTERNATIONAL BUFFET BREAK

TEACHING ACTIVITIES*

WEDNESDAY

VISITING FACULTIES

TEACHING ACTIVITIES*

GUIDED CITY TOUR

THURSDAY

VISITING FACULTIES

FAREWELL DINNER

FRIDAY

INDIVIDUAL MEETINGS

*ONLY FOR STA (STAFF MOBILITY FOR TEACHING)

Antanas Gustaitis Aviation Institute

Aviation Engineering and Aircraft Systems	Bachelor
Aircraft Maintenance and Airworthiness	Bachelor
Avionics Systems and Technologies	Bachelor
Air Traffic Management and Air Navigation	Bachelor
Flight Operations and Pilot Training	Bachelor
Unmanned Aerial Vehicles (UAVs) and Drone Technologies	Bachelor
Aerospace Engineering and Space Technologies	Bachelor
Satellite Systems and Small Satellite Technologies	Bachelor
Aircraft Structures, Materials and Manufacturing Technologies	Bachelor
Aircraft Propulsion Systems	Bachelor
Aerodynamics and Flight Mechanics	Bachelor
Aviation Safety, Human Factors and Risk Management	Bachelor
Aviation Management and Sustainable Aviation	Bachelor
Artificial Intelligence and Digital Technologies in Aviation	Bachelor
Research Methods and Experimental Methods in Aerospace Engineering	Bachelor

Faculty of Architecture

Trends in 21st-Century Architecture	Bachelor / Master
Contemporary Challenges in Urban Planning	Bachelor / Master
Rethinking Architectural Heritage in Contemporary Cities	Bachelor / Master

Faculty of Electronics

Integrated Circuit (ASIC / SoC) Design and Testing	Bachelor / Master
Artificial Intelligence and Machine Learning in Embedded Systems	Bachelor / Master
Renewable Energy Integration and Smart Grids	Bachelor / Master
Cybersecurity in IoT and Communication Networks	Bachelor / Master
Elements of Quantum Technologies and Quantum Electronics	Bachelor / Master
Communications/Control of Unmanned Vehicles and Autonomous Svstems	Bachelor / Master
Defense Electronics, Sensorics, and Radioelectronics	Bachelor / Master
Biomedical Electronics and Digital Health Technologies	Master
Bioelectromagnetics, Pulsed Field Technologies, and Medical Engineering	Master

Faculty of Creative Industries

Cultural Studies	Bachelor
Marketing and Advertiseing	Bachelor
Communication and Media Studies	Bachelor
Media Production and Digital Technologies	Bachelor
Audio-visual Techniques and Media Production	Bachelor
Public Relations	Bachelor

Faculty of Business Management

Innovative pricing solutions in modern markets	Bachelor
Why do projects fail? The most common reasons for failure and what can be learned from them.	Bachelor
Project Risk Management	Bachelor
Teamwork Challenges: How to Achieve Better Results When Working in Diverse Teams	Bachelor
Artificial Intelligence in Human Resource Management	Bachelor
Foreign exchange markets	Bachelor
International trade financing	Bachelor
Foreign direct investment	Bachelor / Master
Global financial institutions	Bachelor / Master
Financial aspects of migration	Bachelor
People at the Heart of Business Change: How to Reduce Resistance to Change	Bachelor
Change Communication in the Organization: Why Informing Employees Determines the Success of Change?	Bachelor

Faculty of Environmental Engineering

Biodiversity and Soil Protection	Bachelor
Air Quality Management Technologies	Bachelor
Design and Modelling of Water Supply Networks	Bachelor
Environmental Law	Bachelor
Renewable Energy Technologies	Bachelor
Thermodynamics and Heat Transfer	Bachelor
Environmental Monitoring and Research Methods	Bachelor
Integrated Plumbing Systems	Bachelor
Wastewater Treatment Technologies	Bachelor
Human's Safety	Bachelor
Environmental Project Management	Bachelor
Management and Maintenance of Environmental Systems	Master
Geoinformation Systems	Master
Climate Change Mitigation Technologies	Master
Advanced Environmental Management Systems	Master
Physical Pollution and Reduction Technology	Master
Environmental Risk Assessment	Master
Sustainable Waste Management	Master
Managing Sustainable Development Projects of Organizations	Master
Circular Economy	Master
Development of a Sustainable Supply Chain	Master
Energy Demand Management	Master

Faculty of Civil Engineering

Risks Disclose and Assessment in Building Construction	Bachelor / Master
Calculation and design of steel structures	Bachelor / Master
Calculation and design of timber structures	Bachelor / Master
Calculation and design of steel-concrete composite structures	Bachelor / Master
Calculation and Design of Composite Building Structures	Bachelor / Master
Sustainable Construction and Green Buildings	Bachelor / Master
Circular Economy in Construction	Bachelor / Master
Modern Construction Technologies and Innovations	Bachelor / Master
Facility Management	Bachelor / Master
Building Renovation and Adaptive Reuse	Bachelor / Master
Smart Buildings and Smart Cities	Bachelor / Master
Decision-Making Methods in Construction and Real Estate	Bachelor
Future Skills and Competences for Construction and Real Estate Professionals	Bachelor
International Construction and Real Estate Management Practices	Bachelor
Specific Features of the Application of Reinforced Concrete Load-bearing Members in Buildings	Masters
Specific features of the design and calculation of reinforced concrete structures	Bachelor / Master
Loads assessment in buildings and structures	Bachelor / Master
Calculation and Design of Precast and Prestressed Concrete Structures	Bachelor / Master
Numerical modeling in geotechnics.	Bachelor / Master
Soil research in laboratory and field conditions.	Bachelor / Master
Geotechnical structure design.	Bachelor / Master
Retaining wall design.	Bachelor / Master
Geotechnical structure installation technologies.	Bachelor / Master
Soil reinforcement.	Bachelor / Master
Sustainable solutions in geotechnics.	Bachelor
Monitoring of geotechnical structures.	Bachelor
Hydrogeology in geotechnics.	Bachelor

Faculty of Fundamental Sciences

Programming Techniques (JAVA)	Bachelor
System Integration	Master
Business Analytics	Master
Artificial Intelligence and Knowledge Systems	Bachelor
Integral Calculus	Bachelor
Econometrics	Bachelor
Programming in Python	Bachelor
Modern Databases: From Relational to Distributed Systems	Master
Bayesian Methods	Master
Advanced Machine Learning	Master
Object-Oriented Programming	Bachelor
Databases	Bachelor / Master
Probability Theory and Mathematical Statistics	Bachelor

Faculty of Mechanics

Application of Artificial Intelligence in Biomedical Engineering	Bachelor
Sustainable Materials and Energy Efficiency in Mechanical Engineering	Bachelor
Robotics and Automation in Modern Manufacturing	Master
Artificial Intelligence and Robotics in Engineering	Master
The Role of Robotics and Artificial Intelligence in Modern Engineering	Bachelor
Smart Technologies in Rehabilitation	Master

Faculty of Transport Engineering

Vehicle Mechanics	Bachelor
Energetics of Heat Engines	Bachelor
Chassisis and Their Interaction with Road	Bachelor / Master
Technologies of Vehicle Production and Repair	Bachelor
The Elements of Transport System	Master
Traffic Flows	Bachelor
Design Fundamentals	Bachelor
Development and Training of Leaders in Transport Sector	Bachelor
Environment Protection in Transport	Master
Automotive electronic control systems. Features of modern OBD-II systems	Bachelor
Automotive design (course project). Modern car (electric vehicle) transmission and its features	Master
Reliability of mechanical systems. Reliability features of a modern passenger cars	Bachelor
Tyre–road interaction. Vehicle aerodynamics	Bachelor
Active vehicle safety systems. Passive vehicle safety systems	Bachelor
Traditional and alternative vehicle fuels: production, properties, application possibilities	Bachelor
Advanced construction materials for vehicles	Bachelor / Master
Materials for vehicle low- and high-voltage electrical circuit batteries	Bachelor / Master