

Green, Smart and Integrated Transport and Logistics

WE WILL PROVIDE YOU WITH...

A holistic understanding of different technology options and methods, cross-disciplinary abilities, all the necessary competences to develop, analyze and manage innovative and advanced sustainable systems for transportation and logistics.

Learning outcomes:

- Knowledge and skills for international sustainable transport and logistics;
- Extensive knowledge of smart, green and integrated transport solutions as well as logistics;
- Skills in software technology, data science, planning methods, airport operations, assessment and transport management, logistic optimization;
- Skills in research, technology management and leadership, pre-requisite for career progression in international sustainable transport and logistic industry.

Carrier Opportunities:

Environmental Analyst, Pollution Engineer, Environmental Protection Professional, Transport Operations manager, Specialist in Smart Transport Technologies, Logistics Management.

APPLICATIONS SUBMISSION

Deadline: **29th of October 2021**

ENTRY REQUIERMENTS

Applicants must hold a Bachelor's degree.

The admission requirements for Romanian students are described at: <https://upb.ro/admitere/>

The admission requirements for foreign students are described at: <http://international.upb.ro/>

Language: English

Duration: 2 years (4 semesters)

ECTS: 120

Number of available spots

25 without tuition fee

20 with tuition fee

Year 1

FIRST SEMESTER

- Data Analysis and Statistics
- Economic and Financial Analysis
- Green Technologies in Transport Systems
- Organizational Behavior, HR and Intercultural Management
- E-commerce and Transport Marketing
- Intermodal Transportation
- Scientific research

SECOND SEMESTER

- Sustainable Transport and Logistics Management
- Knowledge Management and Innovation in Transport Services
- Quality-Security-Environment in Transport Services
- Project Management
- Scientific Research
- **Optional 1:**
 - Safety Management Systems
 - Optimization in Air Transport
- **Optional 2:**
 - Road and Rail safety
 - Sustainable Urban Transportation and Mobility

Year 2

THIRD SEMESTER

- Regulatory Policies and Transport Law
- Strategic Management in Transport
- Scientific Research
- **Optional 1:**
 - Aviation and Environment
 - Sustainable Management and Infrastructure of Airports
 - Air Transport Operations
 - ICT in Air Transport
- **Optional 2:**
 - Transportation and Land-Use Integration
 - Green Vehicles
 - Advanced Operations in Terminals
 - Intelligent Transport Systems and ICT

FOURTH SEMESTER

- Scientific research and dissertation development
- Ethics

**Students will choose from the first year one of the two packages of optional courses, which will continue in the second year.*



Contact

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