

# MASTER PROGRAMME

## 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.

### General admission requirements:

Applicants must hold a Bachelor 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/>
- ↪ <http://www.unesco.chair.upb.ro/>

Language: English

2years (4 semesters)

ECTS :120

Number of allocated places:

25 without tuition fees,

20 with tuition fees

2 full scholarships for African students





# YEAR 1

## FIRST SEMESTER

- ❖ Data analysis and statistics
- ❖ Economic and Financial Analysis
- ❖ Quality-security-environment in transport services
- ❖ Organizational Behavior, HR and Intercultural management
- ❖ E-commerce and Transport Marketing
- ❖ Project management
- ❖ Scientific research

## SECOND SEMESTER

- ❖ Sustainable Transport and Logistics Management
- ❖ Knowledge Management and Innovation in Transport Services
- ❖ Green technologies in transport systems
- ❖ Intermodal transportation
- ❖ Scientific research

### Optional 1:

- Safety management systems/
- Optimization in air transport

### Optional 2:

- Road and Rail safety

# 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 US

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