SLOVENSKO
OGRODJE
KVALIFIKACIJ

Magister inženir prometa/magistrica inženirka prometa

Selected qualifications

Name of qualification	Magister inženir prometa/magistrica inženirka prometa
Translated title (no legal status)	Master of Arts in transport engineering
Type of qualification	Diploma druge stopnje
Category of qualification	Izobrazba
Type of education	Master's education
Duration	2 years
Credits	120 credits

Admission requirements

• A completed first-cycle (Bologna) study programme or a pre-Bologna professional higher education programme in the field of Transport Services consisting of 180 credits; or
• a completed first-cycle (Bologna) study programme at the Faculty of Maritime Studies and Transport (professional higher education programme in Nautical Studies consisting of 180 credits, professional higher education programme in Marine Engineering consisting of 180 credits, professional higher education programme in Transport Technology and Transport Logistics consisting of 180 credits, academic higher education programme in Transport Technology consisting of 180 ECTS credits); or
• a completed pre-Bologna study programme at the Faculty of Maritime Studies and Transport (professional higher education programme in Transport Technology consisting of 180 credits, professional higher education programme in Transport and Power Engineering consisting of 180 credits, professional higher education programme in Maritime Studies consisting of 180 credits); or
• a completed first-cycle (Bologna) programme or a pre-Bologna professional higher education programme in the natural science, mathematics and computing or engineering fields, if prior to enrolment the candidate has completed course units essential for further study, determined with reference to how different the field of study is, as follows: Technology of Transport (8 credits), Transport Logistics (6 credits); together these course units amount to 14 credits; candidates may complete them during the first-cycle programme or by passing examinations before enrolment in the second-cycle (master's) programme in Transport; or
• a completed first-cycle (Bologna) programme or a pre-Bologna professional higher education programme in another field consisting of at least 180 credits, if prior to enrolment the candidate has completed course units essential for further studies with regard to how different the field of study is, as follows: Technology of Transport (8 credits), Transport Logistics (6 credits), Intelligent Transport Systems (4 credits), Transport Safety (5 credits); together the course units amount to 23 credits; candidates may complete them during the first-cycle programme or by passing examinations before enrolment in the second-cycle (master's) programme in Transport; or
• completed equivalent education in another country.
In the case of selection of candidates for enrolment, admission criteria will apply.

ISCED field

Field
Transport, varnost, gostinstvo in turizem, osebne storitve

ISCED subfield

subfield transport

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

(general competences)

- analyse problems in transport studies, synthesise knowledge and information and envisage potential solutions, their implementation and consequences,
- resolve problems through an interdisciplinary systemic approach and analytical thinking, using research methods and various sources, and transfer and apply acquired knowledge in practice,
- integrate acquired in-depth theoretical and practical knowledge and apply it in existing and new technological solutions,
- independently and autonomously create improvements to existing transport, traffic and transport logistics processes,
- pursue lifelong learning,
- adopt and address environmental and protective measures in the working environment,
- work in a team, communicate and develop professional ethics in national and international environments, in particular in the various EU institutions,

(subject-specific competences)

- demonstrate familiarity with and understanding of transport systems and organisations, transport technology, transport logistics and transport safety from both the theoretical and practical points of view,
- demonstrate familiarity with and understanding of the factors of exploitation of transport infrastructure and means of transport, transport planning and management and characteristics of transport flows,
- demonstrate understanding of the general structure and planning of selected technological processes of transport technologies, transport and the environment, geographic information systems, in accordance with legal, economic and other provisions or regulations,
- demonstrate knowledge and understanding of factors of logistics processes and logistics networks and legal and economic support for these processes,
- demonstrate understanding of the general structure and planning of logistics distribution centres, logistics marketing, reverse logistics and other processes in accordance with strategic management, information support and other types of support,
- demonstrate knowledge and understanding of factors of numerical analysis in transport, transport regulation, technical reports on transport accidents and the theoretical basis of transport safety in all branches of transport,
- demonstrate understanding of the general structure of biomechanics in transport, vehicle dynamics and ergonomics in transport and relevant knowledge of transport engineering, reliability and maintenance of intelligent transport systems,
- develop and apply new methods in projects designed to address issues in transport technology, transport logistics and transport safety in all branches of transport,
- demonstrate understanding of specialised and scholarly literature and write and publish specialised and scholarly articles.

Assessment and completion

Students' knowledge is assessed by means of practical exercises and seminar papers, and also via products, projects, performances, services, etc. and by examinations. Examination performance is scored as follows: 10 (excellent); 9 (very good: above-average knowledge but with some mistakes); 8 (very good: solid results); 7 (good); 6 (adequate: knowledge satisfies minimum criteria); 5–1 (inadequate). In order to pass an examination, a candidate must achieve a grade between adequate (6) and excellent (10).

Progression

In order to progress to the next year, full-time and part-time students must have completed the course units prescribed by the study programme (lectures, practical classes, written tests, seminars, etc.) and gained the prescribed number of credits from the study programme by passing examinations (45 first-year credits to enrol in the second year, or 30 first-year credits to enrol in the second year as a part-time student).

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

In order to complete the programme, students must complete all course units in all subjects in which they have enrolled, and write and defend a master's thesis.

Awarding body

Faculty of Maritime Studies and Transport, University of Ljubljana

URL

http://www.fpp.uni-lj.si/eng/