



Faculty of Civil Engineering, Traffic Engineering and Architecture

UNIVERSITY OF MARIBOR
FACULTY OF CIVIL ENGINEERING, TRAFFIC ENGINEERING AND ARCHITECTURE
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2ND-CYCLE STUDY PROGRAMMES:

1. CIVIL ENGINEERING

2 study options: *Civil Engineering Structures and Construction Management*; *Civil Engineering Infrastructure*
The options are implemented in the first semester. Candidates select a desired option in their application.

2. TRAFFIC AND TRANSPORTATION ENGINEERING

3. ARCHITECTURE

Location: Maribor
Duration: 120 ECTS, 2 years

Access requirements:

1. CIVIL ENGINEERING

Candidates who completed the following may apply for the 2nd-cycle (master's) study programme in *Civil Engineering*:

1. A 1st-cycle (bachelor's) study programme in one of the following fields: building and civil engineering encompassing the entire field (0732) or industrial engineering - civil engineering option (0788).
2. A 1st-cycle (bachelor's) study programme in one of the following fields: transport services (traffic) (1041), engineering and engineering trades (traffic engineering) (0788), architecture (0731), mechanics (0715), or town planning (0731).

Prior to enrolment, candidates shall fulfil study obligations corresponding to between 10 and 60 ECTS credits under the 1st-cycle (bachelor's) study programme, a supplementary study programme, or by taking bridging exams. Candidates shall fulfil study obligations from the following areas of expertise: structural mechanics, geotechnics, hydro-engineering, engineering structures, construction operations, traffic engineering, and construction materials.

3. An undergraduate professional study programme adopted prior to 11 June 2004 in the following field: building and civil engineering encompassing the entire field (0732).
4. An undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: transport services (traffic) (1041), mechanics (0715), or town planning (0731).

Prior to enrolment, candidates shall fulfil study obligations corresponding to between 10 and 60 ECTS credits under the 1st-cycle (bachelor's) study programme, a supplementary study programme, or by taking bridging exams. Candidates shall fulfil study obligations from the following areas of expertise: structural mechanics, geotechnics, hydro-engineering, engineering structures, construction operations, traffic engineering, and construction materials.

5. An undergraduate academic study programme adopted prior to 11 June 2004 in one of the following fields: building and civil engineering encompassing the entire field (0732) or industrial engineering - civil engineering option (0788).

Candidates are typically awarded 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.

6. An undergraduate academic study programme adopted prior to 11 June 2004 in one of the following fields: transport services (traffic) (1041), architecture (0731), mechanics (0715), or town planning (0731).

Candidates are typically awarded up to 40 ECTS credits and may enrol in the corresponding year of study.

7. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004 in the following field: building and civil engineering encompassing the entire field (0732).

Candidates are typically awarded 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.

8. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: transport services (traffic) (1041), mechanics (0715), or town planning (0731).

Candidates are typically awarded up to 40 ECTS credits and may enrol in the corresponding year of study.

Selection criteria in the event of limited enrolment:

If the number of applications exceeds the number of available enrolment places, candidates shall be ranked according to:

- grade point average (100%).

Transfer criteria:

Candidates may transfer between study programmes in accordance with the Higher Education Act, Criteria for Transferring Between Study Programmes and other rules.

In accordance with the Criteria for Transferring Between Study Programmes, candidates may enrol:

- in the second year of the 2nd-cycle (master's) study programme in *Civil Engineering* if they have ceased their studies in the previous study programme and will continue them under a new study programme at the same level, or if a higher education graduate is enrolling in a new study programme at the same level.

Candidates may transfer from study programmes in the field of building and civil engineering or industrial engineering - civil engineering option.

Candidates may transfer to the study programme provided they fulfil the following criteria:

- criteria for enrolment in the first year of the 2nd-cycle study programme in Civil Engineering;
- they are transferring from a study programme leading to the acquisition of comparable competences or learning outcomes;
- at least half of the study obligations evaluated according to the ECTS credit system of the previous study programme relating to compulsory courses of the new study programme are recognised.

The transfer shall be addressed by a competent senate committee of the faculty where the candidate intends to continue his studies. In accordance with the Rules on the Recognition of Knowledge and Skills in Study Programmes of the University of Maribor, the candidate shall submit to the faculty:

- an application for the recognition of knowledge and skills at the University of Maribor;
- proof of fulfilled study obligations (exams) including grades and ECTS credits;
- validated course syllabi according to which knowledge was acquired;
- a receipt of payment for the recognition procedure.

When transferring from one study programme to another, fulfilled study obligations that may be recognized fully or partially are identified, taking into account the content, extent, and level of complexity of the new study programme, and study obligations required for completion of the new study programme are laid down.

Mode of study: full-time and part-time

Part-time: Organized forms of teaching correspond to 50% of the educational process for full-time students. Courses for part-time students shall be conducted only in the event of 10 or more enrolled students. If fewer than 10 students enrol, the part-time programme shall be implemented in the form of individual consultations.

2. TRAFFIC AND TRANSPORTATION ENGINEERING

Candidates who completed the following may apply for the 2nd-cycle (master's) study programme in *Traffic and Transportation Engineering*:

1. A 1st-cycle (bachelor's) study programme in one of the following fields: transport services (traffic, traffic technology, logistics) (1041), engineering and engineering trades (traffic engineering, mechatronics) (0788), building and civil engineering (0732), industrial engineering - civil engineering option (0788), mechanics (0715), electricity (0713, 0714), architecture (0731), town planning (0731), environmental engineering (0788), computer science and informatics (0610), geography (0388, 0314), economics (0311, 0413, 0388, 0488), or environmental sciences (0521).

2. A 1st-cycle (bachelor's) study programme in a field not specified under point 1.

Prior to enrolment, candidates shall fulfil study obligations corresponding to between 10 and 60 ECTS credits under the 1st-cycle (bachelor's) study programme, a supplementary study programme, or by taking bridging exams. Candidates shall fulfil study obligations from the following areas of expertise: spatial and traffic planning, transportation routes design, and transport economics.

3. An undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: transport services (traffic, traffic technology, logistics) (1041), engineering and engineering trades (traffic engineering) (0788), building and civil engineering (0732), mechanics (0715), electricity (0713), computer science and informatics (0610), or economics (0311).

4. An undergraduate professional study programme adopted prior to 11 June 2004 in a field not specified under point 3.

Prior to enrolment, candidates shall fulfil study obligations corresponding to between 10 and 60 ECTS credits under the 1st-cycle (bachelor's) study programme, a supplementary study programme, or by taking bridging exams. Candidates shall fulfil

study obligations from the following areas of expertise: spatial and traffic planning, transportation routes design, and transport economics.

5. An undergraduate academic study programme adopted prior to 11 June 2004 in one of the following fields: transport services (traffic, traffic technology, logistics) (1041), engineering and engineering trades (traffic engineering, mechatronics) (0788), building and civil engineering (0732), industrial engineering - civil engineering option (0788), mechanics (0715), electricity (0713), architecture (0731), town planning (0731), environmental engineering (0788), computer science and informatics (0610), geography (0388), economics (0311), or environmental sciences (0521).

Candidates are typically awarded 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.

6. An undergraduate academic study programme adopted prior to 11 June 2004 in a field not specified under point 5. Candidates are typically awarded up to 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.

7. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: transport services (traffic, traffic technology, logistics) (1041), building and civil engineering (0732), engineering and engineering trades (traffic engineering, mechatronics) (0788), mechanics (0715), electricity (0713), computer science and informatics (0610), or economics (0311).

Candidates are typically awarded 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.

8. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004 in a field not specified under point 7.

Candidates are typically awarded up to 60 ECTS credits and may enrol in the corresponding year of study.

Selection criteria in the event of limited enrolment:
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If the number of applications exceeds the number of available enrolment places, candidates shall be ranked according to:

- grade point average (100%).

Transfer criteria:

Candidates may transfer between study programmes in accordance with the Higher Education Act, Criteria for Transferring Between Study Programmes and other rules.

In accordance with the Criteria for Transferring Between Study Programmes, candidates may enrol:

- in the second year of the 2nd-cycle (master's) study programme in *Traffic and Transportation Engineering* if they have ceased their studies in the previous study programme and will continue them under a new study programme at the same level, or if a higher education graduate is enrolling in a new study programme at the same level.

Candidates may transfer from study programmes in the fields of transport services (traffic, traffic technology, logistics) (1041), engineering and engineering trades (traffic engineering, mechatronics) (0788), building and civil engineering (0732), industrial engineering - civil engineering option (0788), mechanics (0715), electricity (0713, 0714), architecture (0731), town planning (0731), environmental engineering (0788), computer science and informatics (0610), geography (0388, 0314), economics (0311, 0413, 0388, 0488), or environmental sciences (0521).

Candidates may transfer to the study programme provided they fulfil the following criteria:

- criteria for enrolment in the first year of the 2nd-cycle study programme in *Traffic and Transportation Engineering*;
- they are transferring from a study programme leading to the acquisition of comparable competences or learning outcomes;
- at least half of the study obligations evaluated according to the ECTS credit system of the previous study programme relating to compulsory courses of the new study programme are recognised.

The transfer shall be addressed by a competent senate committee of the faculty where the candidate intends to continue his studies. In accordance with the Rules on the Recognition of Knowledge and Skills in Study Programmes of the University of Maribor, the candidate shall submit to the faculty:

- an application for the recognition of knowledge and skills at the University of Maribor;
- proof of fulfilled study obligations (exams) including grades and ECTS credits;
- validated course syllabi according to which knowledge was acquired;
- a receipt of payment for the recognition procedure.

When transferring from one study programme to another, fulfilled study obligations that may be recognized fully or partially are identified, taking into account the content, extent, and level of complexity of the new study programme, and study obligations required for completion of the new study programme are laid down.

Mode of study: full-time and part-time

Part-time: Organized forms of teaching correspond to 50% of the educational process for full-time students. Courses for part-time students shall be conducted only in the event of 10 or more enrolled students. If fewer than 10 students enrol, the part-time programme shall be implemented in the form of individual consultations.

3. ARCHITECTURE

Candidates who completed the following may apply for the 2nd-cycle (master's) study programme in *Architecture*:

1. A 1st-cycle (bachelor's) study programme in the following field: architecture (0731).
2. An undergraduate academic study programme adopted prior to 11. 6. 2004 in the following field: architecture (0731).
Candidates are typically awarded 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.

Selection criteria in the event of limited enrolment:
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If the number of applications exceeds the number of available enrolment places, candidates shall be ranked according to:

- grade point average (100%).

Transfer criteria:

Candidates may transfer between study programmes in accordance with the Higher Education Act, Criteria for Transferring Between Study Programmes and other rules.

In accordance with the Criteria for Transferring Between Study Programmes, candidates may enrol:

- in the second year of the 2nd-cycle (master's) study programme in *Architecture* if they have ceased their studies in the previous study programme and will continue them under a new study programme at the same level, or if a higher education graduate is enrolling in a new study programme at the same level.

Candidates may transfer from study programmes in the field of architecture and town planning.

Candidates may transfer to the study programme provided they fulfil the following criteria:

- criteria for enrolment in the first year of the 2nd-cycle study programme in *Architecture*;
- they are transferring from a study programme leading to the acquisition of comparable competences or learning outcomes;
- at least half of the study obligations evaluated according to the ECTS credit system of the previous study programme relating to compulsory courses of the new study programme are recognised.

The transfer shall be addressed by a competent senate committee of the faculty where the candidate intends to continue his studies. In accordance with the Rules on the Recognition of Knowledge and Skills in Study Programmes of the University of Maribor, the candidate shall submit to the faculty:

- an application for the recognition of knowledge and skills at the University of Maribor;
- proof of fulfilled study obligations (exams) including grades and ECTS credits;
- validated course syllabi according to which knowledge was acquired;
- a receipt of payment for the recognition procedure.

When transferring from one study programme to another, fulfilled study obligations that may be recognized fully or partially are identified, taking into account the content, extent, and level of complexity of the new study programme, and study obligations required for completion of the new study programme are laid down.

Mode of study: full-time

3RD-CYCLE STUDY PROGRAMMES:

1. CIVIL ENGINEERING
2. TRAFFIC AND TRANSPORTATION ENGINEERING

Location: Maribor
Duration: 180 ECTS, 3 years

Access requirements:

1. CIVIL ENGINEERING

Candidates who completed the following may apply for the 3rd-cycle (doctoral) study programme in *Civil Engineering*:

1. A 2nd-cycle (master's) study programme.
2. An undergraduate academic study programme adopted prior to 11 June 2004.
3. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004.

Prior to enrolment, candidates shall fulfil study obligations corresponding to at least 45 ECTS credits awarded for a wide variety of courses under the 2nd-cycle (master's) study programme in *Civil Engineering* (mathematics, steel structures, transportation routes design, geotechnics, hydro-engineering, and construction operations). These study obligations may be fulfilled under a supplementary study programme or by taking bridging exams. Candidates shall fulfil study obligations determined by the relevant committee of the Senate of the Faculty of Civil Engineering, Transportation Engineering and Architecture.

4. A study programme educating students for professions regulated by EU directives or another integrated (long-cycle) master's study programme corresponding to 300 ECTS credits.

Selection criteria in the event of limited enrolment:

If the number of applications exceeds the number of available enrolment places, candidates shall be ranked according to:

- grade point average (100%).

Transfer criteria:

Candidates may transfer between study programmes in accordance with the Higher Education Act, Criteria for Transferring Between Study Programmes and other rules.

In accordance with the Criteria for Transferring Between Study Programmes, candidates may enrol in the second year of the 3rd-cycle study programme in *Civil Engineering* if they have completed:

- a master of science study programme adopted prior to 11 June 2004; or
- a specialisation following an undergraduate academic study programme adopted prior to 11 June 2004.

Candidates may transfer to the study programme provided they fulfil the following criteria:

- criteria for enrolment in the first year of the 3rd-cycle study programme in *Civil Engineering*;
- they are transferring from a study programme leading to the acquisition of comparable competences or learning outcomes;
- at least half of the study obligations evaluated according to the ECTS credit system of the previous study programme relating to compulsory courses of the new study programme are recognised.

The transfer shall be addressed by a competent senate committee of the faculty where the candidate intends to continue his studies. In accordance with the Rules on the Recognition of Knowledge and Skills in Study Programmes of the University of Maribor, the candidate shall submit to the faculty:

- an application for the recognition of knowledge and skills at the University of Maribor;
- proof of fulfilled study obligations (exams) including grades and ECTS credits;
- validated course syllabi according to which knowledge was acquired;
- a receipt of payment for the recognition procedure.

When transferring from one study programme to another, fulfilled study obligations that may be recognized fully or partially are identified, taking into account the content, extent, and level of complexity of the new study programme, and study obligations required for completion of the new study programme are laid down.

Mode of study: part-time

Application and admission procedure:

Candidates shall submit their application for enrolment and all supplemental documents required for application electronically via the eVŠ information system within the deadline determined by the Call for Enrolment. Prior to enrolment, a candidate for doctoral studies shall choose, as a rule, a working supervisor and narrow area of research, and prepare a framework programme of doctoral studies. The candidate will be asked to provide this information immediately upon receipt of their application for study.

2. TRAFFIC AND TRANSPORTATION ENGINEERING

Candidates who completed the following may apply for the 3rd-cycle (doctoral) study programme in *Traffic and Transportation Engineering*:

1. A 2nd-cycle (master's) study programme.
2. An undergraduate academic study programme adopted prior to 11 June 2004.
3. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004.
Prior to enrolment, candidates shall fulfil study obligations corresponding to at least 45 ECTS credits under a supplementary study programme or by taking bridging exams. Candidates shall fulfil study obligations determined by the relevant committee of the Senate of the Faculty of Civil Engineering, Transportation Engineering and Architecture.
4. A study programme educating students for professions regulated by EU directives or another integrated (long-cycle) master's study programme corresponding to 300 ECTS credits.

Selection criteria in the event of limited enrolment:
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If the number of applications exceeds the number of available enrolment places, candidates shall be ranked according to:

- grade point average (100%).

Transfer criteria:

Candidates may transfer between study programmes in accordance with the Higher Education Act, Criteria for Transferring Between Study Programmes and other rules.

In accordance with the Criteria for Transferring Between Study Programmes, candidates may enrol in the second year of the 3rd-cycle study programme in *Traffic and Transportation Engineering* if they have completed:

- a master of science study programme adopted prior to 11 June 2004; or
- a specialisation following an undergraduate academic study programme adopted prior to 11 June 2004.

Candidates may transfer to the study programme provided they fulfil the following criteria:

- criteria for enrolment in the first year of the 3rd-cycle study programme in *Traffic and Transportation Engineering*;
- they are transferring from a study programme leading to the acquisition of comparable competences or learning outcomes;
- at least half of the study obligations evaluated according to the ECTS credit system of the previous study programme relating to compulsory courses of the new study programme are recognised.

The transfer shall be addressed by a competent senate committee of the faculty where the candidate intends to continue his studies. In accordance with the Rules on the Recognition of Knowledge and Skills in Study Programmes of the University of Maribor, the candidate shall submit to the faculty:

- an application for the recognition of knowledge and skills at the University of Maribor;
- proof of fulfilled study obligations (exams) including grades and ECTS credits;
- validated course syllabi according to which knowledge was acquired;
- a receipt of payment for the recognition procedure.

When transferring from one study programme to another, fulfilled study obligations that may be recognized fully or partially are identified, taking into account the content, extent, and level of complexity of the new study programme, and study obligations required for completion of the new study programme are laid down.

Mode of study: part-time

Application and admission procedure:

Candidates shall submit their application for enrolment and all supplemental documents required for application electronically via the eVŠ information system within the deadline determined by the Call for Enrolment. Prior to enrolment,

a candidate for doctoral studies shall choose, as a rule, a working supervisor and narrow area of research, and prepare a framework programme of doctoral studies. The candidate will be asked to provide this information immediately upon receipt of their application for study.

Number of available enrolment places: The number of available enrolment places is published in tables that represent an integral part of the Call.
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