SLOVENSKO
OGRODJE
KVALIFIKACIJ

Magister inženir gradbeništva/magistrica inženirka gradbeništva

Selected qualifications

Doktor znanosti/doktorica znanosti s področja socialne in politične psihologije	
Doktor znanosti/doktorica znanosti s področja senzorske tehnologije	
Compare Selected	Clear

Name of qualification
Magister inženir gradbeništva/magistrica inženirka gradbeništva

Translated title (no legal status)
Master of Science of Construction Management

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 study programme in civil engineering; or
• a completed first-cycle study programme in another field, if prior to enrolment the candidate has completed course units essential for further studies, totalling 10 to 60 credits; or
• a completed professional higher education programme in civil engineering under an old programme; or
• a completed professional higher education programme under the former programme in another field, if prior to enrolment the candidate has completed course units essential for further studies, consisting of 10 to 60 credits.

ISCED field

Field
Tehnika, proizvodne tehnologije in gradbeništvo

ISCED subfield

subfield gradbeništvo

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

(general competences)

- demonstrate broad general knowledge and knowledge of academic fields and scientific methods of work,
- define, research, understand and creatively address problems, principles and theories,
- critically read and understand texts, acquire knowledge and find sources autonomously,
- think critically, analytically and synthetically,
- transfer and apply theoretical knowledge into practice, resolve technical and work-related problems and make interdisciplinary connections,
- develop professional and ethical responsibility,
- develop scientific literacy, speak in public and communicate with customers, disseminate and communicate knowledge and results,
- use foreign technical language in written and oral communication, communicate in international and national scientific circles,
- use information and communication technologies,
- take into account safety-related, functional, economic, environmental protection and ecological aspects in their work,
- develop moral and ethical criteria (an honest attitude towards work with customers, offering impartial advice, independence and professionalism in accordance with applicable legislation),
- create an objective view of the environment and society,

(subject-specific competences)

- demonstrate mastery of basic and specific specialised knowledge in the field of civil engineering: above all in the fields of the planning, organisation, administration, management and implementation of construction works and construction manufacturing, construction informatics, ecology, spatial planning, spatial regulation and environmental policy,
- autonomously plan complex buildings in their entirety,
- autonomously manage projects in the field of civil engineering,
- demonstrate understanding of the reciprocal influences of technical and environmental problems and the design and construction of environmentally friendly structures,
- perform complex tasks in the field of civil engineering both autonomously and within a group and within the activities described in the first indent,
- organise, manage and implement development activities in the field of civil engineering,
- demonstrate mastery of basic knowledge in the civil engineering field (natural sciences, mathematics, informatics, mechanics, construction materials), integrate knowledge from various fields and apply acquired knowledge,
- apply knowledge in specialised fields of civil engineering (hydraulic engineering, civil engineering structures, utilities engineering, organisation/informatics and transport engineering),
- demonstrate understanding of the basic structure of the fundamental discipline and the links between its sub-disciplines,
- use the information and communication technologies and systems that are most commonly used in practice in the field of civil engineering,
- manage civil engineering and related enterprises and services.

Assessment and completion

Examination performance is graded 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

Students may enrol in the next year if by the end of the academic year they have completed course units prescribed by syllabuses consisting of at least 45 ECTS credits.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

In order to complete the programme, students must complete all prescribed course units, for a total of 120

ECTS credits.

Awarding body

University of Ljubljana, Faculty of Civil and Geodetic Engineering

URL

https://www.en.fgg.uni-lj.si/