SLOVENSKO
OGRODJE
KVALIFIKACIJ

Diplomirani inženir gradbeništva (vs)/diplomirana inženirka gradbeništva (vs)

Selected qualifications

Magister gospodarski inženir/magistrica gospodarska inženirka	
Magister ekonomskih in poslovnih ved/magistrica ekonomskih in poslovnih ved	
Compare Selected	Clear

Name of qualification
Diplomirani inženir gradbeništva (vs)/diplomirana inženirka gradbeništva (vs)

Translated title (no legal status)
Bachelor of Applied Science in Construction Engineering

Type of qualification
Diploma prve stopnje (VS)

Category of qualification
Izobrazba

Type of education
Professional bachelor's education

Duration
3 years

Credits
180 credits

Admission requirements

• Matura or
• vocational matura; or
• school-leaving examination (prior to 1 June 1995) under any four-year secondary school programme.

ISCED field

Field
Tehnika, proizvodne tehnologije in gradbeništvo

ISCED subfield

subfield gradbeništvo

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- demonstrate mastery of basic knowledge from the field of civil engineering,
- apply knowledge in practice,
- perform professional work autonomously,
- develop communication skills and abilities, particularly in the international environment,
- take into account safety-related, functional, economic, environmental protection and ecological aspects in their work,
- learn,
- make decisions,
- communicate orally and in writing in Slovene,
- demonstrate basic computer skills,
- demonstrate a capacity for ethical reflection and a commitment to professional ethics,
- demonstrate proficiency in a foreign language,
- show cooperativeness and work in a group (including in an international environment),

(subject-specific competences)

- demonstrate mastery of professional knowledge from the field of civil engineering: in particular from the fields of planning, organisation, management and leadership of construction works and construction manufacturing, construction informatics, ecology, urban planning and environmental policy,
- autonomously determine the dimensions of individual construction elements,
- demonstrate understanding of the reciprocal influences of technical and environmental problems and the design and construction of environmentally friendly structures,
- perform specific (less complex) tasks in the field of civil engineering both autonomously and within a group and participate in the management of existing technological procedures within the activities described in the first indent,
- identify, formulate and resolve specific, generally typical work problems through the application of various procedures,

- demonstrate mastery of basic knowledge in the civil engineering field (natural sciences, mathematics, informatics, mechanics, construction materials), integrate knowledge from various fields and apply it,
- apply knowledge in specialised fields of civil engineering (structures, transport, hydraulic engineering, technology of building),
- develop skills and expertise in the application of knowledge in the field of civil engineering,
- demonstrate familiarity with and understanding of the foundations and history of the development of construction science,
- 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,

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 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 a higher year if by the end of the academic year they have met all enrolment requirements defined by the study programme.

Transitions

Second-cycle master's study programmes (SQF level 8)

Condition for obtaining certificate

In order to complete the programme, students must complete all prescribed course units, for a total of 180 ECTS credits, including practical training and a bachelor's thesis.

Awarding body

University of Ljubljana, Faculty of Civil and Geodetic Engineering

URL

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