
diplomirani inženir gradbeništva (VS)/diplomirana inženirka gradbeništva (VS)

Selected qualifications

Name of qualification	diplomirani inženir gradbeništva (VS)/diplomirana inženirka gradbeništva (VS)
Translated title (no legal status)	Bachelor of Applied Science in civil 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

Enrolment in the professional higher education study programme is open to candidates who meet at least one of the following conditions:

- a completed final examination in any four-year secondary school programme (in line with the previous law);
- a completed vocational matura in a secondary school programme;
- a completed matura and can communicate in the Slovenian language.

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:

- on the basis of obtained fundamental knowledge of the basic natural sciences, information technology, basic knowledge of the fundamental subjects of the civil engineering discipline and basic knowledge of technical civil engineering subjects, plan and implement civil engineering works with regard to adequate quality and price, taking into account ethical principles of civil engineering, with an emphasis on the relationship towards environment;
- analyse and synthesise, carry out critical and self-critical assessment;
- perform creative teamwork, develop cooperativeness and demonstrate communicational skills, including the communication in an international environment;
- demonstrate a greater creativity and innovativeness as a result of the elective element of the study modules;
- apply the obtained knowledge into practice;
- protect our architectural cultural heritage, have an ethical reflection and a commitment to professional ethics;
- act autonomously in planning and implementing construction in the field of civil and building engineering which according to the Construction Act do not fall under the demanding construction works;
- synthesize between economy and problem areas relating to safety at work and a broader social viewpoint of health protection and protection of the landscape and ecological aspects of planned or implementing construction developments in the environment;
- analyse problems, integrating various scientific disciplines to highlight specific problems from various angles, and on this basis envisage the possible consequences and suggest solutions;
- demonstrate knowledge of computer basics and usage of computer tools which through internet inclusions in the globalised world can mean a more efficient business communication and planning.

Subject-specific competences:

- identify, formulate and resolve specific, generally typical work problems through the application of various procedures, approach to resolving those problems according to scientific principles, methods and procedures;
- understand the reciprocal influences of technical and environmental problems, design, plan and construct environmentally friendly structures;
- demonstrate knowledge of general and basic technical use of ICT and systems that are most frequently used in civil engineering;
- apply the knowledge in more narrow specialised construction fields (the field of civil engineering and the field of building engineering);
- integrate knowledge in an interdisciplinary manner and apply it in practice;
- demonstrate skills for using their acquired knowledge in construction practice, place new information and interpretations in the context of the fundamental discipline.

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

Conditional for enrolment in the second year: at least 42 ECTS credits: A student progresses to year three if he or she completes at least 90 credits (75% of obligations).

Transitions

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

Condition for obtaining certificate

Students complete their studies by completing the prescribed study programme and collecting 180 ECTS credits.

Awarding body

Visoka šola za gradbeno inženirstvo Kranj

URL

<https://vsgi.si/studijski-program/visokosolski-strokovni-program-gradbenistvo/>
