SLOVENSKO
OGRODJE
KVALIFIKACIJ

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 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)

- plan and implement construction works with regard to adequate quality and price and carry out independent professional evaluations of construction problems on the basis of scientific and professional analysis and synthesis,
- anticipate solutions and consequences,
- master the basics of research methods, procedures and processes and critical and self-critical assessment,
- demonstrate communication skills and abilities in a national and international environment,
- perform professional work autonomously,
- demonstrate a capacity for ethical reflection and a commitment to professional ethics,
- apply knowledge in practice,
- resolve practical problems,
- demonstrate the ability to cooperate in a team in a national and international environment,
- undertake creative work in a team of construction planners and construction contractors,
- integrate the basics of engineering economics and environmental protection issues with issues of planning structures and construction products,
- show creativity and innovation as the result of the interdisciplinary nature of the study programme,

(subject-specific competences)

- demonstrate mastery of knowledge from the field of planning, organisation, management and leadership of construction works and construction manufacturing, construction informatics, ecology, urban planning and environmental policy,
- demonstrate understanding of the construction profession from the point of view of its historical development,
- communicate within an organisation and outside it with partners and customers (subjects: Architecture, Economics in civil engineering, Organisation of construction works, etc.),
- resolve individual (less complex) work problems through the application of professional knowledge and scientific methods and procedures,
- autonomously and creatively perform standard professional tasks in the field of civil engineering, perform individual more complex tasks within a group and assist in the management of existing technological procedures within the activities described in the first indent and update them,
- participate in a project team to perform specific professional tasks,
- determine the dimensions of construction elements and plan whole buildings, which for such a profile and level of qualification are defined by the ZGO-I, although increased autonomy and legal

liability for complex work can be achieved through suitable practical experience as defined by the ZGO-I,
- demonstrate coherent mastery of basic knowledge (natural sciences, mathematics, informatics, mechanics, construction materials), integrate knowledge from various fields and apply it;
- use information and communication technologies and systems in their fundamental and basic professional field,
- place new information and interpretations in the context of the fundamental discipline,
- demonstrate understanding of the basic structure of the fundamental discipline and the links between its sub-disciplines,
- develop skills in the application of knowledge in a specific professional field.

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 course units prescribed by the programme for a total of at least 180 ECTS credits.

Awarding body

University of Maribor, Faculty of Civil Engineering

URL

http://www.fg.um.si/eng/