SLOVENSKO
OGRODJE
KVALIFIKACIJ

Diplomirani inženir arhitekture (un)/diplomirana inženirka arhitekture (un)

Selected qualifications

Name of qualification	Diplomirani inženir arhitekture (un)/diplomirana inženirka arhitekture (un)
Translated title (no legal status)	Bachelor of Science Engineer in Architecture
Type of qualification	Diploma prve stopnje (UN)
Category of qualification	Izobrazba
Type of education	Academic bachelor's education
Duration	3 years
Credits	180 credits

Admission requirements

• Matura or
• vocational matura in any secondary school programme and an examination in the matura subject of mathematics, or in a foreign language if the candidate has already taken mathematics as part of the 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 arhitektura, prostorsko načrtovanje in urbanizem

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 architectural profession, including from the fields of the sciences, the humanities, informatics,
- demonstrate familiarity with the basic competences of the architectural profession,
- demonstrate creativity and innovation in planning processes,
- analyse, synthesise and anticipate solutions and consequences,
- master the basics of research methods, procedures and processes, develop critical and self-critical assessment,
- apply knowledge in practice,
- develop communication skills and abilities, including communication in the international environment,
- demonstrate a capacity for ethical reflection and a commitment to professional ethics,
- show cooperativeness and work in a group, in both interdisciplinary and international environments,

(subject-specific competences)

- meet aesthetic and technical requirements on the basis of fundamental knowledge required in the field of architectural planning,
- demonstrate familiarity with and understanding of the history and theory of architecture and related arts, technologies and sciences,
- demonstrate familiarity with the fine arts and their influence on the quality of architectural planning,
- demonstrate understanding of elements of urban planning, planning and other skills from the field of spatial planning,
- integrate the basics of engineering economics and environmental protection issues with issues of planning structures and construction products,

- work within the process of architectural planning and architectural supervision of construction works with regard to adequate quality and price and carry out independent technical evaluations on the basis of scientific analysis and synthesis,
- demonstrate understanding of the importance of establishing a harmonious relationship between human beings and buildings and between buildings and their environment, with the aim of satisfying human needs and establishing a suitable criterion,
- demonstrate understanding of elements of the profession of architect (architectural ethics) and the social role of the architect,
- demonstrate familiarity with and understanding of the design of architectonic structures and other engineering knowledge relating to the planning of structures,
- demonstrate familiarity with and understanding of the technical segments of the "function" of a building with the aim of satisfying needs for quality living,
- demonstrate familiarity with and understanding of the process of the architectural planning of a building in interdependence with the economics of planning,
- demonstrate familiarity with and understanding of the synthetic knowledge that has a key influence on the process of architectural planning, with partial mastery of individual segments,
- demonstrate familiarity with and understanding of modular coordination,
- demonstrate familiarity with and understanding of the basics of the historical development of architecture and art,
- demonstrate familiarity with and understanding of the basics of spatial planning and urban planning,
- demonstrate familiarity with and understanding of the basics of protection of built heritage,
- resolve individual (less complex) work problems through the application of scientific methods and procedures,
- participate in the technical elaboration of architectural plans,
- autonomously and creatively perform specific (less complex) tasks in the field of architectural planning and perform individual more complex tasks within a planning group,
- adequately implement less complex architectural and structural details from the planning/technical point of view,
- communicate within an organisation and outside it with partners and customers,
- 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 study 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/