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# Diplomirani inženir geodezije (vs)/diplomirana inženirka geodezije (vs)

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## Selected qualifications

Name of qualification	Diplomirani inženir geodezije (vs)/diplomirana inženirka geodezije (vs)
Translated title (no legal status)	Bachelor of Applied Science in land surveying
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	<ul style="list-style-type: none"><li>• Matura or</li><li>• vocational matura with additional examination, or</li><li>• school-leaving examination (prior to 1 June 1995) under any four-year secondary school programme.</li></ul>

## 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 broad general knowledge and knowledge of academic fields,
- define, understand and creatively address problems, principles and theories,
- critically observe and understand the situation in the environment, plans and texts, and acquire knowledge and find sources autonomously,
- think critically, analytically and synthetically,
- transfer and apply theoretical knowledge into practice and resolve technical and work-related problems,
- develop professional and ethical responsibility,
- develop linguistic and numerical literacy, speak in public and communicate with customers,
- use foreign technical language in written and spoken communication,
- use information and communication technologies,
- make interdisciplinary connections,
- take into account safety-related, functional, economic, environmental protection and ecological aspects in their work,
- develop high 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,
- accept obligations towards customers and employers and towards society as a whole,

(subject-specific competences)

- demonstrate knowledge of the role and importance of management of immovable property in a sustainably oriented society with the support of land surveying and geo-informatics,
- autonomously tackle all types of typical practical tasks in the field of recording data in a multipurpose land register,
- demonstrate understanding of modern geodetic technology and methodology and apply them professionally to create and maintain databases,
- record ownership and other immovable property rights,
- evaluate and estimate various immovable property values such as: market and non-market value, investment or tax value, value with regard to use, and so on,
- record data and maintain databases for immovable property taxation purposes,
- demonstrate knowledge of and interpret the meaning, form, quality, sources, acquisition and collection of spatial data for the needs of urban and rural spatial planning and the determination of land use,

- participate in the preparation of spatial planning documents (spatial management),
- participate in the planning, design and implementation of spatial developments,
- plan, organise, lead and implement land surveying work in the course of detailed geodetic measurement,
- plan, organise, lead and implement land surveying work in the course of the construction of less complex structures,
- carry out surveying and technical work in the context of administrative procedures for the needs of immovable property records,
- operate and maintain geographic, cartographic and land information systems,
- prepare cartographic representations of spatial data,
- coordinate work between developers, planners and spatial development contractors,
- demonstrate knowledge of basic aspects of the legal and administrative system important for land surveyors and for spatial management and spatial records,
- manage small immovable property and land surveying companies.

## 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/>

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