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

Selected qualifications

Name of qualification	Diplomirani inženir geologije (un)/diplomirana inženirka geologije (un)
Translated title (no legal status)	Bachelor of Science in geology
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 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
Naravoslovje, matematika in statistika

ISCED subfield

subfield geoznanosti

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- demonstrate knowledge of academic fields (broad general perspective),
- develop the ability to define, understand and creatively address problems, principles and theories,
- critically read and understand texts,
- autonomously acquire knowledge and find sources,
- think critically, analytically and synthetically,
- transfer and apply theoretical knowledge in practice,
- resolve technical and work-related problems,
- develop professional and ethical responsibility,
- develop linguistic and numerical literacy, speak in public and communicate with customers,
- use information and communication technologies,
- make interdisciplinary connections,
- take an objective view of the environment and society,
- accept obligations towards customers and employers and towards society as a whole,

(subject-specific competences)

- study the Earth system as a whole and its various subsystems,
- autonomously obtain and evaluate geological data using geological mapping, sampling and profiling,
- analyse and interpret the geological structure of a territory and the processes that shape it,
- research, evaluate and plan the use of deposits of mineral raw materials and water sources,
- estimate and evaluate risks due to geological and anthropogenic phenomena (landslides, earthquakes, subsidence, floods, pollution) and plan remediation measures,
- prepare technical geological information for spatial planning and urban planning and for the planning and realisation of civil and industrial infrastructure (buildings, roads, railways, tunnels, etc.).

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 scored 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 the second year if by the end of the academic year they have completed all course units prescribed by syllabuses and accumulated at least 54 credits. Students may enrol in the third year if by the end of the academic year they have completed all course units prescribed by syllabuses and have accumulated 60 first-year credits and at least 54 second-year credits.

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 in all subjects in which they have enrolled, for a total of 180 credits, including a bachelor's thesis.

Awarding body

University of Ljubljana, Faculty of Natural Sciences and Engineering

URL

<http://www.ntf.uni-lj.si/en/>
