SLOVENSKO
OGRODJE
KVALIFIKACIJ

Diplomirani inženir geotehnologije in rudarstva (vs)/diplomirana inženirka geotehnologije in rudarstva (vs)

Selected qualifications

Name of qualification	Diplomirani inženir geotehnologije in rudarstva (vs)/diplomirana inženirka geotehnologije in rudarstva (vs)
Translated title (no legal status)	Bachelor of Applied Science in geotechnology and mining
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 rudarstvo in drugo pridobivanje rudnin

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- manage implementation processes of service activities in the fields of geotechnology, mining, geotechnical structures, tunnel building, management of waste materials, etc.,
- apply basic knowledge of mathematics, physics and chemistry in engineering problems,
- demonstrate mastery of theoretical and practical knowledge within their professional field,
- apply the techniques, skills and modern engineering tools needed in practice,
- undertake individual work and planning work in the field of geotechnology and mining,
- demonstrate understanding of ethical and professional responsibility,
- recognise the need for lifelong learning and participate in it,
- participate in projects in the field of geotechnology and mining,

(subject-specific competences)

- demonstrate mastery of basic technical knowledge in the field of mining and geotechnology,
- demonstrate understanding of technical topics in science and engineering, including their theoretical background,
- participate in development work and transfer research and development achievements into practice within the geotechnology and mining field,
- demonstrate understanding of the interdependence of science and technology,
- communicate with co-workers and experts from related disciplines,
- demonstrate professional, ethical and environmental responsibility,
- adopt a critical attitude and show responsibility in matters relating to their profession.

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:

Progression

Students may progress to the next year if by the end of the academic year they have completed all requirements defined by the study programme for progression to the next year.

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.

Awarding body

University of Ljubljana, Faculty of Natural Sciences and Engineering

URL

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