SLOVENSKO
OGRODJE
KVALIFIKACIJ

Magister inženir geologije/magistrica inženirka geologije

Selected qualifications

Name of qualification	Magister inženir geologije/magistrica inženirka geologije
Translated title (no legal status)	Master of Science in geology
Type of qualification	Diploma druge stopnje
Category of qualification	Izobrazba
Type of education	Master's education
Duration	2 years
Credits	120 credits

Admission requirements

• A completed first-cycle academic higher education programme in geology or a comparable first-cycle study programme in geology, either in Slovenia or abroad; or
• a completed first-cycle academic higher education programme in another field, either in Slovenia or abroad, if prior to enrolment the candidate has completed course units essential for further study from the range of subjects of the first-cycle academic higher education programme in geology, consisting of 10–60 credits.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield geoznanosti

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

(general competences)

- demonstrate broad general knowledge and knowledge of academic fields,
- use abstraction and analysis,
- synthesise and critically assess solutions to problems,
- resolve practical problems,
- carry out autonomous professional work and research and work in a group,
- critically read and understand texts, acquire knowledge and find sources autonomously,
- think critically, analytically and synthetically,
- transfer and apply theoretical knowledge into practice and resolve complex technical and work-related problems,
- show a sense of professional and ethical responsibility,
- show linguistic and numerical literacy, speak in public and communicate with customers and the non-specialist and specialist public,
- use foreign technical language in written and spoken communication,
- use modern information and communications technology, including in an international environment,
- make interdisciplinary connections, including in an international environment,
- take into account safety-related, functional, economic, environmental protection and ecological aspects in their work,

(subject-specific competences)

- study the Earth system as a whole and its various subsystems and adopt a scientific and interdisciplinary approach to resolving problems,
- scientifically process and provide in-depth evaluation of geological and other relevant data,
- critically analyse and interpret the geological structure of a territory and the processes that shape it,

using innovative methods and approaches,
- research the formation and conditions of formation of deposits of minerals and energy and water sources, and evaluate and plan their exploitation,
- research, estimate, evaluate and predict risks relating to geological and anthropogenic phenomena (landslides, earthquakes, subsidence, floods, pollution) and propose and plan remediation measures,
- analyse, research and interpret various mineral materials using innovative methods and approaches, and define their quality and usefulness,
- transfer their findings, knowledge and research results to a wide circle of users using both scientific and non-scientific language.

Assessment and completion

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 45 credits.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

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 120 credits, including a master's thesis.

Awarding body

University of Ljubljana, Faculty of Natural Sciences and Engineering

URL

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