
Diplomirani meteorolog geofizik (un)/diplomirana meteorologinja geofizičarka (un)

Selected qualifications

Doktor znanosti/doktorica znanosti s področja nanoznanosti in nanotehnologije	<input checked="" type="checkbox"/>
Magister profesor predšolske vzgoje/magistrica profesorica predšolske vzgoje	<input checked="" type="checkbox"/>
Compare Selected	Clear

Name of qualification Diplomirani meteorolog geofizik (un)/diplomirana meteorologinja geofizičarka (un)

Translated title (no legal status) Bachelor of Science in meteorology and geophysics

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 four-year secondary school programme and an examination in a matura subject, which may not be a subject which the candidate has already taken in the vocational matura; the subjects taken in the matura or vocational matura must include mathematics; 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)

- abstract and analyse basic, simple events in the atmosphere and from general geophysical findings,
- synthesise and critically assess solutions of these basic, simple problems,
- apply acquired knowledge in practice,
- carry out autonomous professional work on simple problems and slightly more complex work as part of a team,

(subject-specific competences)

- show a general awareness of the basic natural laws governing the weather, climate and certain other geophysical phenomena,
- show connections between various natural phenomena,
- demonstrate proficiency in basic measurement and observation skills,
- deal qualitatively with events,
- make critical comparisons between modelled and actually measured values,
- carry out quantitative analysis of elementary problems,
- analyse and present results in tabular, graphical or some other clear form.

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

In order to enrol in the second year, students must have passed Physics I and II, Mathematics I and II, Physics Practicum I and II and Computer Science Practicum, and have accumulated a total of at least 52 credits. In order to enrol in the third year, students must have passed all first-year examinations, Meteorology, Meteorological Observations and Instruments, Geophysics, Modern Physics I, Statistical Thermodynamics, Mathematics III and IV, and have accumulated a total of at least 50 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, consisting of 60 credits per year (a total of 180 credits).

Awarding body

University of Ljubljana, Faculty of Mathematics and Physics

URL

<https://www.fmf.uni-lj.si/en/>
