
Magister matematike/magistrica matematike

Selected qualifications

Name of qualification Magister matematike/magistrica matematike

Translated title (no legal status) Master of Science in mathematics

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 (Bologna) study programme in mathematics or mathematics for education; or
- a completed old (pre-Bologna) professional higher education programme in practical mathematics; or
- a completed first-cycle programme in an engineering or natural science field, where the candidate has already mastered the basics of mathematical analysis and linear algebra; such fields include, for example, financial mathematics, physics, computer science and information science; prior to enrolment candidates must also complete course units essential for further study; these requirements are determined with reference to the field in question and consist of between 10 and a maximum of 60 credits.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield matematika

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

(general competences)

- use abstraction and analyse problems,
- synthesise and critically assess solutions,
- apply knowledge in practice,
- undertake autonomous professional work and work in an (international) group,
- critically assess and present their results,
- pursue further independent learning and keep abreast of literature,

(subject-specific competences)

- demonstrate familiarity with traditional and modern results in the field of theoretical and applied mathematics and disciplines closely connected to mathematics (computer science, mechanics, etc.),
- demonstrate understanding of more complex mathematical proofs,
- abstract practical problems,
- use mathematical literature,
- use various mathematical methods to solve specific problems,
- carry out programming using relevant programming tools.

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

In order to enrol in the second year students must have passed first-year examinations worth at least 50 credits.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

In order to complete the programme, students must pass all examinations, including a final examination, and write and defend a master's thesis.

Awarding body

University of Ljubljana, Faculty of Mathematics and Physics

URL

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