
Magister finančne matematike/magistrica finančne matematike

Selected qualifications

Name of qualification	Magister finančne matematike/magistrica finančne matematike
Translated title (no legal status)	Master of Science in financial 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 programme (bachelor's degree) in the fields of mathematics in economics and finance, financial mathematics or mathematics; or
- a completed professional higher education programme (bachelor's degree) (programmes adopted before 11 June 2004) in the fields of mathematics in economics and finance, financial mathematics or mathematics; or
- a completed study programme in another field that is equivalent in duration and scope to the programme referred to in the first or second indent, if prior to enrolment the candidate has completed additional course units, the content and scope of which depend on the previously completed study programme.

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)

- analyse, synthesise and anticipate solutions and the consequences of factors in the field of financial mathematics,
- critically assess developments in the field of mathematics in financial engineering,
- develop communication skills,
- cooperate, work in a team and work on projects,
- autonomously seek out and acquire specialist knowledge and integrate it with existing knowledge,
- seek and interpret new information and place it in the context of the mathematics field,
- demonstrate autonomy in professional work,

(subject-specific competences)

- describe a given situation through the correct use of mathematical symbols and notations,
- demonstrate understanding of mathematical concepts and principles,
- solve mathematical (and other) problems through the application of modern technology,
- apply an algorithmic approach; develop an algorithm to resolve a given problem,
- analyse a given problem,
- deduce new logical conclusions from given data,
- confidently address a given financial-mathematical problem and find a solution.

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 progress to the second year if they have completed at least 48 credits from the current year.

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 envisaged by subject syllabuses and the study programme.

Awarding body

University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies

URL

<http://www.famnit.upr.si/en>
