SLOVENSKO
OGRODJE
KVALIFIKACIJ

Diplomirani finančni matematik (un)/diplomirana finančna matematičarka (un)

Selected qualifications

Procesničar/procesničarka v logistiki farmacevtske industrije

Name of qualification	Diplomirani finančni matematik (un)/diplomirana finančna matematičarka (un)
Translated title (no legal status)	Bachelor of Science in financial mathematics
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 matematika

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- use abstraction and analyse problems,
- synthesise and critically assess solutions,
- apply knowledge to the resolution of practical problems,
- use and keep abreast of literature in their field,
- present technical topics in writing and orally,
- undertake autonomous professional work and work in an (international) group,
- pursue lifelong learning,

(subject-specific competences)

- demonstrate mastery of basic mathematical knowledge,
- demonstrate mastery of basic knowledge of information science,
- demonstrate mastery of basic knowledge of economics and finance,
- solve nondeterministic problems using probability calculations and statistics,
- solve deterministic problems with the help of optimisation and operations research,
- find approximative solutions to problems using numerical methods,
- use a computer to solve problems and present results.

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 a higher year, students must have passed examinations worth at least 50 credits in subjects from the current year, where the following examinations are compulsory:

- for enrolment in the second year: Analysis 1, Analysis 2, Algebra 1 and Computer Science practicum,
- for enrolment in the third year: all first-year examinations, Probability Calculation 1, Analysis 3 and Seminar 1.

Transitions

Second-cycle master's study programmes (SQF level 8)

Condition for obtaining certificate

Students must complete all requirements defined by the study programme in order to complete their studies.

Awarding body

University of Ljubljana, Faculty of Mathematics and Physics

URL

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