
Diplomirani matematik (vs)/diplomirana matematičarka (vs)

Selected qualifications

Name of qualification	Diplomirani matematik (vs)/diplomirana matematičarka (vs)
Translated title (no legal status)	Bachelor of Applied Science in mathematics
Type of qualification	Diploma prve stopnje (VS)
Category of qualification	Izobrazba
Type of education	Professional bachelor's education
Duration	3 years
Credits	180 credits
Admission requirements	<ul style="list-style-type: none">• Matura or• vocational matura; 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)

- critically assess solutions,
- apply knowledge in practice,
- work professionally in a group,
- use and keep abreast of literature in their field,
- keep abreast of specialised information online,
- present technical topics in writing and orally,
- adapt to new computing environments,
- demonstrate understanding of the role of thorough knowledge of information technologies,
- distinguish statistically significant properties,
- pursue lifelong learning,

(subject-specific competences)

- use mathematical tools in the resolution of practical problems,
- detect mathematical processes in the working environment,
- analyse results obtained,
- present results,
- use mathematical tools in an everyday environment,
- introduce and prepare software upgrades,
- optimise the business process,
- mathematically model technological processes,
- use numerical methods to solve mathematical problems.

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 54 credits in subjects from the current year. In order to enrol in the third year, students must also have passed all first-year examinations.

Transitions

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

Condition for obtaining certificate

In order to complete the programme, students must pass all examinations in the subjects set out by the programme.

Awarding body

University of Ljubljana, Faculty of Mathematics and Physics

URL

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