
Doktor znanosti/doktorica znanosti s področja matematičnih znanosti

Selected qualifications

Name of qualification	Doktor znanosti/doktorica znanosti s področja matematičnih znanosti
Translated title (no legal status)	Doctor of Philosophy in the field of mathematical sciences
Type of qualification	Doktorat
Category of qualification	Izobrazba
Type of education	Doctoral education
Duration	3 years
Credits	180 credits

Admission requirements

- A master's degree in mathematics (or another field); or
- a completed study programme referred to in Article 36(4) of the Higher Education Act, if the programme consists of 300 credits; or
- a bachelor's degree from an earlier academic study programme (study programmes adopted before 11 June 2004) in the field of mathematics, computer science and mathematics, physics and other natural science disciplines.

Enrolment in the programme is also open to candidates who have completed a second-cycle programme in a field related to mathematics (computer science or physics) and other candidates who have completed a second-cycle programme and passed a differential examination in analysis and algebra.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield matematika

Qualification level

SQF 10
EQF 8
Third level

Learning outcomes

Qualification holders are qualified to:

(general competences)

- analyse, synthesise and anticipate solutions and the consequences of factors in mathematics,
- place mathematics within the broader social context,
- reflect critically on developments in society at large,
- critically assess developments in the field of mathematics,
- work in the wider social community,
- autonomously seek out and obtain professional knowledge and integrate it with existing knowledge,
- demonstrate autonomy in professional work and research,

(subject-specific competences)

- use mathematical and computing tools in specific research,
- place mathematics in the broader social context,
- move confidently in international mathematical circles,
- carry out in-depth analysis of the development of a specialised field,
- communicate in the context of global mathematical science and society,
- create a hierarchy that breaks a problem down into sub-problems and combine partial solutions using engineering techniques.

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 next year if they have completed 40 credits from the current year and completed all course units from the previous year.

Condition for obtaining certificate

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

Awarding body

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

URL

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