SLOVENSKO
OGRODJE
KVALIFIKACIJ

Magister inženir računalništva in informatike/magistrica inženirka računalništva in informatike

Selected qualifications

Name of qualification	Magister inženir računalništva in informatike/magistrica inženirka računalništva in informatike
Translated title (no legal status)	Master of Science in computer and information technology engineering
Type of qualification	Diploma druge stopnje
Category of qualification	Izobrazba
Type of education	Master's education
Duration	2 years
Credits	120 credits

Admission requirements

• Diploma from a first-cycle study programme from the relevant vocational fields (e.g. computer and information science, computer science and mathematics, mathematics, electrical engineering, etc.) and at least 180 accumulated ECTS credits, or
• diploma from a previous study programme leading to a higher professional qualification (programmes adopted prior to 11 June 2004) from the relevant vocational fields. Candidates who have completed study programmes of equivalent duration and scope from other vocational fields must meet study requirements from the following subjects: Formal Languages and Compatibility, Software Engineering, Information Technology Management and Computer Networks.

ISCED field

Field
Informacijske in komunikacijske tehnologije (IKT)

ISCED subfield

subfield informacijske in komunikacijske tehnologije (ikt), podrobneje neopredeljeno

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder is qualified to:

(general competences)

- analyse, synthesise and anticipate solutions and the consequences of factors in the computer profession,
- critically assess developments relating to computer and information sciences,
- develop communication skills,
- cooperate, and work in a group and in projects,
- autonomously search for and obtain professional knowledge and integrate it with existing knowledge,
- search for and interpret fresh information, and apply it in the context of the computer profession, and
- autonomously work in a professional manner.

(subject-specific competences)

- describe a given situation by properly using mathematical and computer symbols and notations,
- explain own understanding of computer concepts and principles,
- resolve problems through the application of modern technologies,
- systematically analyse given problems,
- apply an algorithmic approach,
- draw new logical completion,

- confidently face a given computer problem and search for solutions, and
- extrapolate a problem into larger problems and engineer partial solutions.

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 enrol in a higher year if by the end of the academic year they have met all enrolment requirements defined by the study programme.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

Master's degree students must meet all study requirements (e.g. homework, seminars and examinations) by the end of their studies. Students must accumulate at least 120 credits to complete their studies; 30 of those credits are achieved by drawing up and successfully presenting a master’s thesis.

Awarding body

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

URL

https://www.famnit.upr.si/en