
Diplomirani inženir računalništva in informatike (un)/diplomirana inženirka računalništva in informatike (un)

Selected qualifications

Name of qualification	Diplomirani inženir računalništva in informatike (un)/diplomirana inženirka računalništva in informatike (un)
Translated title (no legal status)	Bachelor of Science of computer and information science engineer
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 with additional examination, or
- school-leaving examination prior to 1 June 1995

ISCED field

Field
Informacijske in komunikacijske tehnologije (IKT)

ISCED subfield

subfield informacijske in komunikacijske tehnologije (ikt), podrobneje neopredeljeno

Qualification level

SQF 7
EQF 6
First 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,
- autonomously work in a professional manner.
- 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 a given problem,
- apply an algorithmic approach to resolve a given problem to develop an algorithm,
- draw new logical conclusions,
- confidently face a given computer problem and search for solutions, and
- extrapolate a problem into larger problems and apply an engineering-based approach to combine partial solutions.

(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 a given problem,
- apply an algorithmic approach to resolve a given problem to develop an algorithm,
- conclude new logical conclusions from given data,
- face a given computer problem and search for solutions, and
- extrapolate a problem into supra problems and apply an engineering-based approach to combine

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 progress to a higher year if they accumulate 42 credits for the current year and meet all requirements for the previous year.

Transitions

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

Condition for obtaining certificate

To complete their studies, students must meet all requirements for all subjects in which they have enrolled, and prepare a presentation of a final project task, to be presented in the scope of a seminar.

Awarding body

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

URL

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