
magister profesor računalništva in informatike/magistrica profesorica računalništva in informatike

Selected qualifications

Name of qualification

magister profesor računalništva in informatike/magistrica profesorica računalništva in informatike

Translated title (no legal status)

Master of Arts Professor of Computer and Information Sciences

Type of qualification

Diploma druge stopnje

Category of qualification

Izobrazba

Type of education

Master's education

Duration

2 years

Credits

120 credits

Admission requirements

Enrolment in the study programme Computer and Information Sciences Teaching is open to candidates who have completed:

- a first-cycle study programme in relevant fields of expertise (ZVIS, Article 38.a, first indent): Computer Science, Mathematics, Engineering and Teacher training for individual subjects – a two-subject teacher, one of the subjects being Computer Science, in the extent of at least 180 credits, without extra requirements;
- a first-cycle study programme in another field of expertise (ZVIS, Article 38.a, second indent), in the extent of at least 180 credits, if prior to enrolment they have fulfilled the study requirements, essential for the continuation of the studies. The requirements are jointly determined by the FRI Study Affairs Commission and the PeF Commission for second-cycle postgraduate studies, according to the difference of the field of expertise, and they comprise from 10 to 60 credits. Candidates may complete these study requirements during the first-cycle programme, during supplementary study programmes or by passing examinations before enrolment in the master's programme;
- a professional higher education study programme, adopted under statutory provisions, valid before 11 June 2004, in relevant fields of expertise, determined under the point 29.a;
- a professional higher education study programme, adopted under statutory provisions, valid before 11 June 2004, in other fields of expertise, if prior to enrolment they have fulfilled the study requirements, essential for the continuation of the studies. The requirements are jointly determined by the FRI Study Affairs Commission and the PeF Commission for second-cycle postgraduate studies, according to the difference of the field of expertise, and they comprise from 10 to 60 credits. Candidates may complete these study requirements during the first-cycle programme, during supplementary study programmes or by passing examinations before enrolment in the master's programme;
- conditions for enrolment are also met by candidates who have completed education equivalent to the qualifications at a foreign university, and who enrol under the same conditions as those that apply to candidates who have completed education in Slovenia. Before they can enrol in the study programme, they must pass the procedure of education recognition for the continuation of studies.

* In the selection examination one can achieve 40%, consisting of:

- 40% of a knowledge test from the field of computer science and pedagogical subjects.

ISCED field

Field
Informacijske in komunikacijske tehnologije (IKT)

ISCED subfield

subfield interdisciplinarne izobraževalne aktivnosti/izidi, pretežno informacijske in komunikacijske tehnologije (ikt)

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

Students will be able to:

General competences:

- demonstrate knowledge of and apply relevant research approaches and own practice development;
- conduct research and apply the findings in practice;
- assume responsibility for own professional development, and learn by evaluation and reflection of own work;
- establish partner relations with users and other groups;
- develop new knowledge and understanding of the field;
- act in line with ethical norms and professional code;
- participate in an interdisciplinary team and communicate with all included subjects in working process;
- reflect on and evaluate the existing practice, and recognise undeveloped potential for its quality improvement;
- develop higher cognitive skills, related to creating new knowledge;
- demonstrate knowledge and understanding of development characteristics, differences and needs of pupils, and recognise learning abilities and issues, perceive a pupil as a whole, encourage a pupil to be a responsible member of society;
- apply specialist pedagogical knowledge for working with children with special needs;
- adapt educational approaches according to the individual, social, linguistic and cultural diversity of pupils;
- demonstrate knowledge and understanding of teaching process contents characteristics;
- understand and apply expert knowledge for achieving the curriculum objectives;
- create an encouraging learning atmosphere and interpersonal relationships, effectively resolve disciplinary problems and help pupils to develop social skills.

Subject-specific competences:

- show a high level of competence in the field of computer and information sciences didactics, and computer-supported technologies in education;
- manage and be actively involved in projects for didactic software and e-material development;
- critically analyse computer-supported didactic tools and material;
- understand and put the knowledge in the field of computer and information science into context in various fields of education in other disciplines;
- demonstrate practical knowledge and skills in using systems for computer-supported education (online classrooms, social networks, digital libraries, etc.);
- participate in the projects of computerisation of education institutions;
- autonomously perform complex developmental and organisation tasks in their own fields and cooperate with experts from other fields in the addressing of complex tasks and problems.

Assessment and completion

Examination performance is graded 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 the second year, students must have completed all first-year course units.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

In order to complete the programme, all course units in the enrolled subjects must be completed, a master's thesis must be written and submitted in accordance with rules and successfully defended in public.

Awarding body

University of Ljubljana, Faculty of Computer and Information Science; Faculty of Education

URL

<https://fri.uni-lj.si/sl/studijski-program/pedagosko-racionalnistvo-informatika>

<https://www.pef.uni-lj.si/925.html>
