Doktor znanosti/doktorica znanosti s področja računalništva in informatike

Selected qualifications

Name of qualification

Doktor znanosti/doktorica znanosti s področja računalništva in informatike

Translated title (no legal status)

Doctor of Philosophy in the field of computer and information science

Type of qualification

Doktorat

Category of qualification

Izobrazba

Type of education

Doctoral education

Duration

3 years

Credits

180 credits

Admission requirements

• Completed second-cycle study programme or
• a non-structured master's degree study programme totalling 300 credits or
• completed study programme leading to a university qualification (adopted prior to 11 June 2004), or
• completed first-cycle professional study programme (adopted prior to 11 June 2004) and a study programme leading to a specialised qualification. Prior to enrolment, such candidate must meet requirements totalling at least 60 credits from the second-cycle media study programme Computer and Information Science, or
• previously completed master's programmes leading to a Master's of Science. Study requirements totalling 60 credits are recognised for candidates.

ISCED field

Field
Informacijske in komunikacijske tehnologije (IKT)

ISCED subfield

subfield informacijske in komunikacijske tehnologije (ikt), podrobneje neopredeljeno

Qualification level

SQF 10
EQF 8
Third level

Learning outcomes

The qualification holder is qualified to:

(general competences)

- perform scientific research and development work creatively and independently, and resolve the scientific research problems of future employers,
- understand and critically assess solutions for demanding and complex problems, and
- creatively and independently address scientific research problems, critically assess research results, develop new research methods and transfer new technologies and knowledge into practice.

(specific competences)

- use state-of-the-art computer and information methods and procedures in resolving issues in research and development systems,
- place computer and information science in the broader social context,
- apply engineering principles in resolving complex problems, and
- communicate and report on work and the results to the field of global computer science and society.

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

To progress to the second year, students must accumulate at least 45 credits, of which 35 credits derive from organised forms of study that must include the following first-year subjects:

- topical subject (5 credits),
- one in-depth subject (5 credits),
- one elective subject (5 credits),
- Scientific Skills I and II (10 credits),
- two seminars (10 credits), and
- at least 10 credits from research work.

Students must meet all requirements totalling at least 115 credits to advance to the third year. Those requirements include:

- the successful fulfilment of all first-year requirements (60 credits),
- the successful completion of second-year research work (50 credits),
- the successful completion of one second-year seminar (5 credits), and
- an approved doctoral dissertation topic.

Condition for obtaining certificate

Candidates must meet all requirements prescribed by the study programme and successfully present their doctoral dissertation.

Awarding body

University of Ljubljana, Faculty of Computer and Information Science

URL

https://www.fri.uni-lj.si/en