

# Doktor znanosti/doktorica znanosti s področja računalništva in informatike

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## Selected qualifications

<b>Name of qualification</b>	Doktor znanosti/doktorica znanosti s področja računalništva in informatike
<b>Translated title (no legal status)</b>	Doctor of Philosophy in the field of computer and information science
<b>Type of qualification</b>	Doktorat
<b>Category of qualification</b>	Izobrazba
<b>Type of education</b>	Doctoral education
<b>Duration</b>	3 years
<b>Credits</b>	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>

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