

RIN3 Introduction meeting for new students and mentors

23.10.2025 9:00-11:00

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<https://upr-si.zoom.us/j/62949830152?pwd=VqsUOmpbkmh4sUFkAjacBVUKJaipbv.1>

Meeting ID: 629 4983 0152

Passcode: 441865

Key website

English:

<https://www.famnit.upr.si/en/education/doctoral/computer-science/>

Slovenian:

<https://www.famnit.upr.si/sl/izobrazevanje/podiplomski-doktorski-studij/racunalnistvo-i-n-informatika/>

Course structure

The framework of the Doctoral degree study programme is partly structured, but mainly individually-based. These are main components:

- in-depth courses in computer science,
- elective skills courses,
- seminars,
- individual research work,
- doctoral dissertation.

Structure of the study programme (Year 1)

Year of Study	Study obligation	ECTS-credits (ECTS)	
		ECTS	ECTS/ Year of Study
1.	In-depth course in computer science	9	60
	In-depth course in computer science	9	
	Elective skills course	6	
	Seminar 1	6	
	Individual Research Work 1	30	

In-depth course in computer science

In-depth courses are grouped in the following fields:

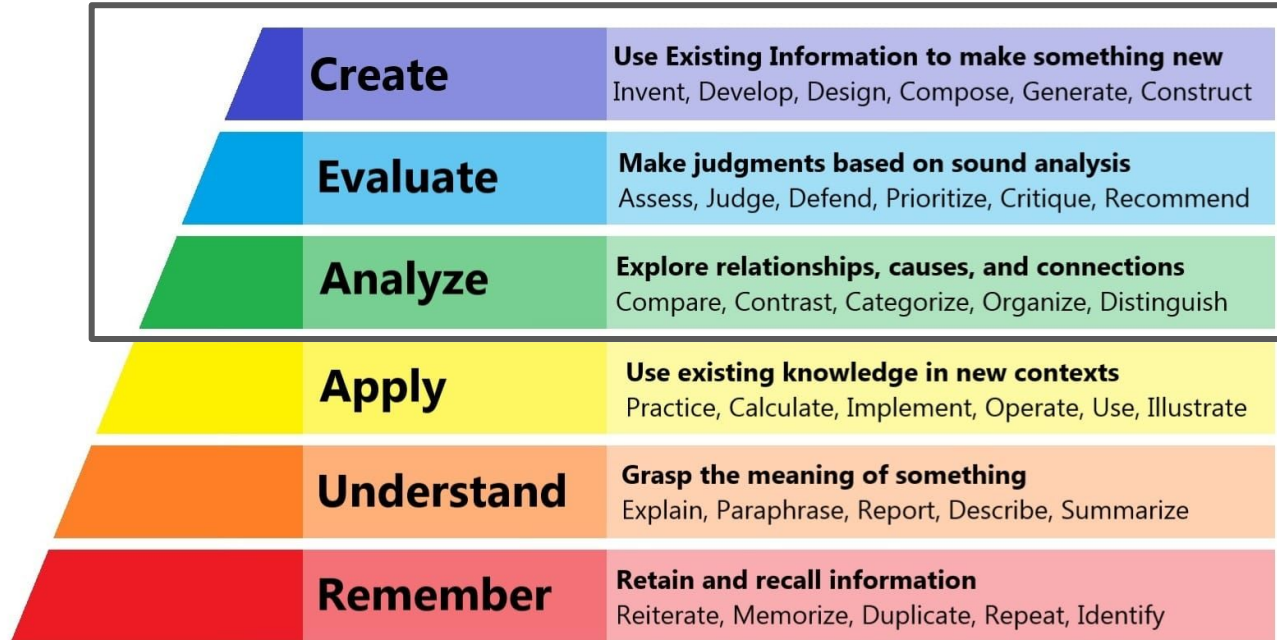
- data structures and algorithms;
- theoretical computer science;
- programming languages and techniques;
- computer communications and computing systems;
- system theory and information analysis.

Each In-depth course must have a syllabus which is authored and signed by the supervisor.

Syllabus for In-depth course in computer science

Student (name and surname)	Arsen Matej Golubovikj
Mentor (name and surname)	Marko Tkalčič
Course title (selected from the 5 listed above)	Computer communications and computing systems;
Course implementation title	Selected Topics in Probabilistic Machine Learning (in-depth course)
Level	Computer Science, PhD (3rd level)
Year of studies	2
ECTS	9

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Syllabus for In-depth course in computer science

Example 1:

<https://docs.google.com/document/d/1f4dm8z51WJvBg4LV6FLUpJD9ptlYPa9O/edit?usp=sharing&oid=106018241013635092373&rtpof=true&sd=true>

Example 2:

<https://docs.google.com/document/d/1e2ChDui7BJA8XmAB43hz3SntaWsCUu8y/edit?usp=sharing&oid=106018241013635092373&rtpof=true&sd=true>

Elective skills courses

Elective skills courses are designed for acquiring knowledge of scientific research skills, such as: communication in science, writing scientific texts, presenting scientific achievements to the scientific, professional and general public, and for proficiency in methodological principles for designing, analysing and planning experiments. The student may also be offered a choice of elective courses by the *Committee for monitoring the implementation of the doctoral study program*.

2 elective courses are available in the study programme:

- Scientific skills - Design and analysis of planned experiments (6 ECTS-credits);
- Scientific skills - Scientific writing and presentation (6 ECTS-credits);

Seminars

- **Format:** Each student must present their work both **orally** and **in written form**.

- **Oral Presentation:**

The oral presentation takes place during the **Monday Computer Science Seminar**, coordinated by **Branko Kavšek**.

Online presentations are **discouraged** and permitted **only in exceptional cases**, subject to approval by both the seminar and programme coordinators.

- **Written Presentation:**

Each student must produce **one written contribution per year**, submitted to an appropriate **local or international conference or journal**, matching the expected quality for their year of study.

For Q1 & Q2 journal submissions and full papers at conferences with ranks CORE B and above, **manuscripts under review** are considered a valid written component.

- **Attendance at the Monday Computer Science Seminar is compulsory.** Students are expected to attend presentations by their peers as well as research talks delivered by guest lecturers. If a student is unable to attend a seminar, they must notify the program coordinator in advance by email, using the email subject line: **“Absence from Monday Computer Science Seminar.”**

Quality of publications

CORE ranking for conferences:

<https://portal.core.edu.au/conf-ranks/?search=EICS&by=all&source=CORE2023&sort=atitle&page=1>

Mednarodne baze podatkov for journal

https://home.izum.si/COBISS/bibliografije/seznami_za_mednarodne_baze/2023/ser-SCIE-tuje.html

Doctoral dissertation

- The Doctoral dissertation is an original contribution to science and has to conform to the University PhD rules and regulations. The Doctoral dissertation may also be a collection of related scientific contributions, prepared in accordance to the University PhD rules and regulation.
- Students may select the topic of the doctoral dissertation upon enrolment in the 3rd year of study and passing no less than three In-Depth Courses. Exceptions must be approved by the COMMISSION PREVOD.
- The procedure for preparing a doctoral dissertation is regulated by the [Rules on the preparation and defence of the doctoral dissertation at the University of Primorska](#).

To progress to the **fourth year**, the **doctoral dissertation topic must be formally approved**. Students should note that the **approval process typically takes up to six months** from the date of topic submission.

Advancement requirements

- Students may advance to the 2nd year upon acquiring 42 ECTS-credits in the 1st year of study and obtaining a **positive review of the annual report on the student's progress** of his/her scientific research from the Committee for monitoring the implementation of the doctoral study programme Computer Science (Committee), **the mentor or both**.

Committee for monitoring the implementation of the doctoral study programme Computer Science

- Enrolment in the doctoral study programme
- General knowledge from the field of computer science
- Monitoring progress:
 - The Committee annually reviews the annual reports on the student's progress of their scientific research, and the mentor's report. Before giving an opinion, the Committee can ask the mentor for additional commentary or invite the student for an interview. In particular, the Committee considers pursuing the objectives set out in the research work plan and meeting the structured obligations of the doctoral program. A positive opinion from the Committee, the mentor or both, is a condition for advancing to a higher year.

Questions?