

Master's Study Programme Computer Science

Why Computer Science?

During the programme, students acquire the **knowledge and skills** required for careers in education and research. A degree in computer science **empowers the next generation** to apply their creativity in developing new technologies that address everyday challenges and **drive future innovation**.



Modern
equipment

General information

Duration: 2 years

Mode of study: full-time

Language of study: Slovene

Degree awarded: Master's degree in Computer Sciences

Location: Koper



Laboratory and
fieldwork
research

Benefits of the study at UP FAMNIT?

- Access to the **latest computer hardware and technologies**
- Opportunities to participate in **laboratory work and research**, including the development of applications and software in collaboration with industry partners
- An **international team** of lecturers and researchers
- Workshops, seminars, and professional training opportunities
- Opportunities for international student **exchange and training abroad**
- Study in a **pleasant Mediterranean environment** with a vibrant student life and a wide range of extracurricular activities



International
exchanges



Various
extracurricular
activities

My career opportunities

Graduates may pursue careers in:

- Systems administration in IT companies and other organisations
- Software development and programming
- Information systems design and development, as well as education
- Technology companies specialising in software development and IT support for large-scale systems
- Technical fields such as mechanical engineering and civil engineering, where advanced computing expertise is increasingly in demand

Graduates may also teach computer science in secondary schools after completing the required teacher education programme.

What do students think about studying at UP FAMNIT?

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I would describe the programme as a combination of hard work, exciting new projects, and a truly inspiring learning environment. I especially appreciate the wide range of elective courses, which gives us the flexibility to tailor our studies and specialize in the areas that interest us most.

- Milan -



Course structure

1st year

4x Basic Course
3x Elective Course I – Internally Selected
Elective Course IV – Externally Selected
Seminar I
Seminar II

2nd year

3x Elective Course – Internally Selected
Elective Course VIII – Externally Selected
Seminar III
Master's Thesis

Basic Courses

Selected Topics in Theoretical Computer Science (Core A)
Selected Topics in Theory of Algorithms (Core A)
Intelligent Systems (Core B)
Applied Statistics (Core B)

