

Master's Study Programme Data Science

Why Data Science?

In a world where **2.5 quintillion bytes** of data are generated every day, data science professionals are among the most sought-after experts.

Through this study programme, you will learn how to **collect, manage, and analyse** both structured and unstructured data in the form of numbers, text, images, video, audio, and more.

General information

Duration: 2 years

Mode of study: full-time

Language of study: Slovene, English

Degree awarded: Master's degree in Data Science engineering

Location: Koper



Modern
equipment



Laboratory and
fieldwork
research



Practical training
at companies and
institutions

Benefits of the study at UP FAMNIT?

- An **internationally** oriented study programme
- A unique combination of **creativity, logical thinking**, domain expertise, and practical experience
- **Practical training** in collaboration with industry partners
- **Career opportunities** in business, the public sector, non-governmental organizations, and research
- Opportunities for **international student exchange** and training abroad
- Study in a pleasant **Mediterranean environment** with a vibrant student community and a wide range of extracurricular activities



International
exchanges



Various
extracurricular
activities

My career opportunities

Graduates can pursue careers in a wide range of professional environments, including:

- Research institutions
- IT companies
- Banks
- Insurance companies
- Transport and logistics organizations
- Other organizations that collect and manage large volumes of data

With a passion for understanding data, you will be able to transform seemingly meaningless information into valuable insights that support business decision-making and public policy, enhance understanding of users, improve the use of customer data, refine products, services, and user experiences, and help organizations grow.

Career opportunities in this field continue to expand. In addition to the role of Data Scientist, graduates may also pursue positions such as Data Architect, Data Manager, Data Analyst, Business Analyst, Business Intelligence Manager, and many others.

What do students think about studying at UP FAMNIT?



We make decisions based on information derived from data. But we should not forget that data can exist without becoming meaningful information—and that is precisely what makes it so fascinating.

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NEW

Opportunity to earn a double degree in cooperation with the University of Trieste.

Course structure

1st year

Data Engineering and Distributed Information Systems
Data Science Ethics
Mathematical Practicum
Selected Topics in Discrete Mathematics
Statistics
Selected Topics in Information Visualisation
Intelligent System
Data Practicum I
Databases for Big Data
Data Science Seminar I
Data Science Seminar II
External Elective Course I

2nd year

Selected Topics in Numerical Mathematics
Mining Massive Data
Data Practicum II
2x External Elective Course
Practical Training (3 weeks)
Master's Thesis

University of Primorska
Faculty of Mathematics, Natural Sciences and
Information Technologies

Glagoljaška ulica 8,
SI-6000 Koper



05/611 75 75



referat@famnit.upr.si