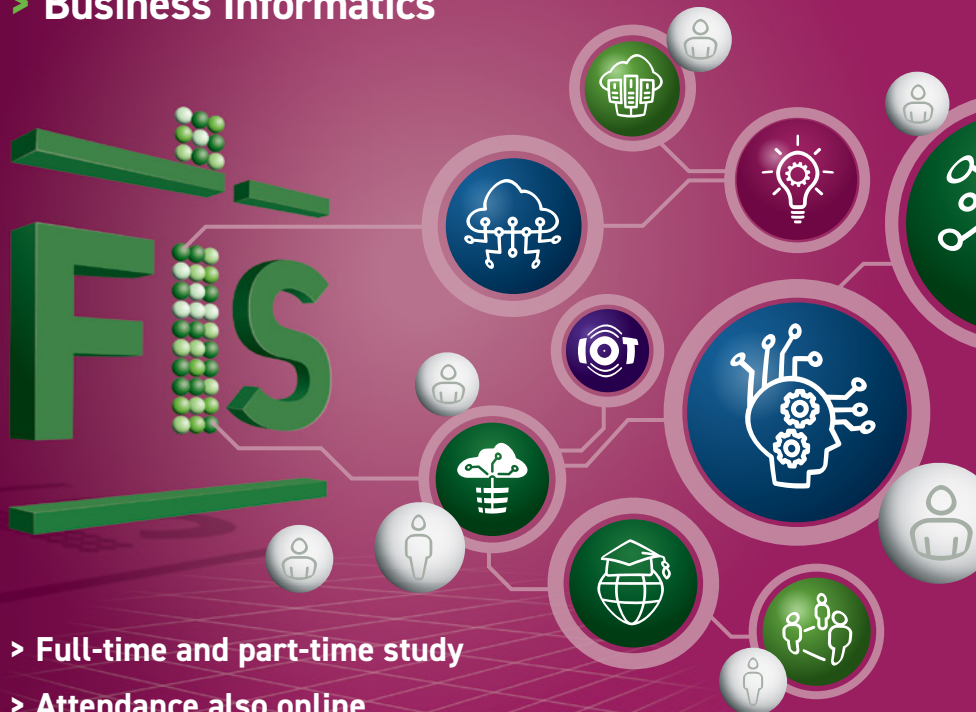


MASTER'S STUDY FOR THE FUTURE

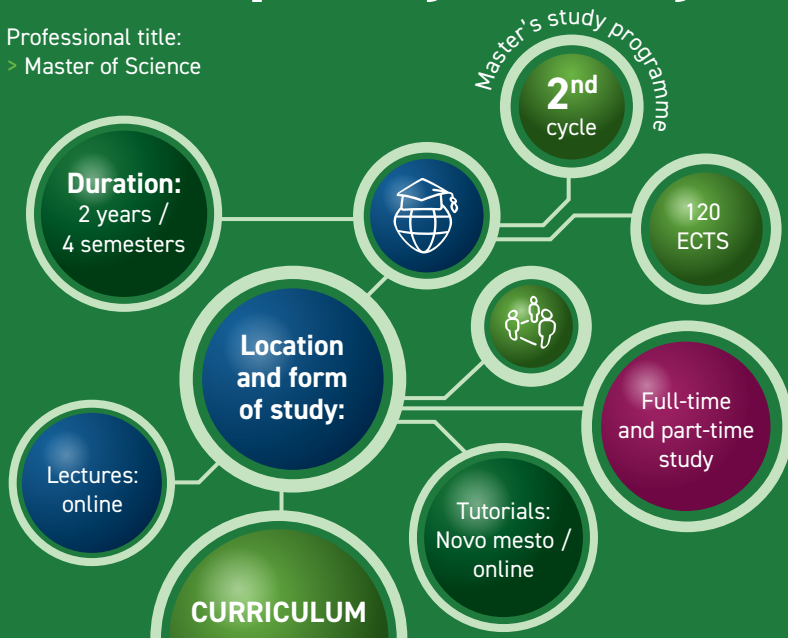
At the Faculty of Information Studies in Novo mesto

- Informatics in Contemporary Society
- Computer Science and Web Technologies
- Data Sciences
- Cyber Security
- Business Informatics



> Informatics in Contemporary Society

Professional title:
> Master of Science



1st year

Virtual communities
Quantitative and qualitative analysis methods
Management information systems
User experience design
Information technology projects
Security of electronic commerce
Informatisation of organisation
Data warehouses and data analytics
Digital marketing communication
Elective course 1

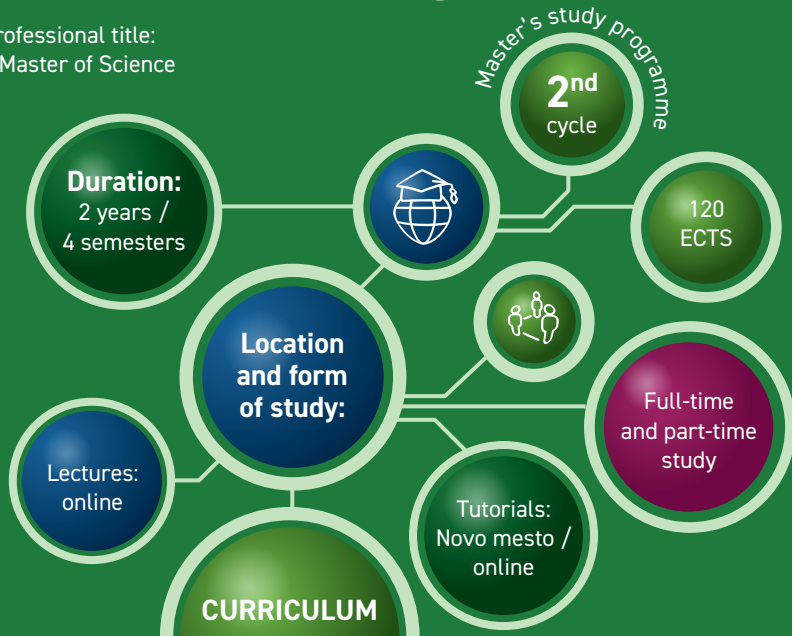
2nd year

Thesis seminar
Modelling of decision making processes
Testing, evaluation and auditing of information systems
Elective course 2
Elective course 3
Master's thesis

> Computer Science and Web Technologies

Professional title:

> Master of Science



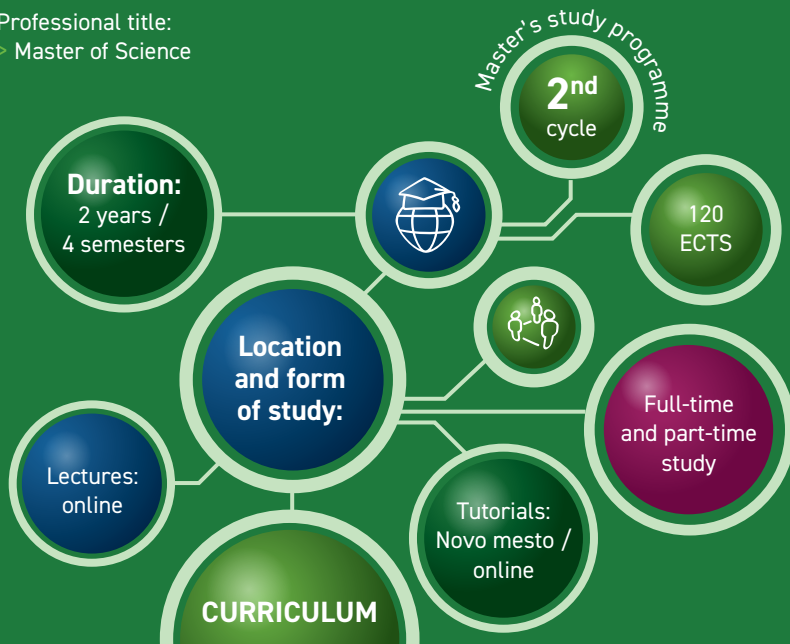
1st year

Discrete mathematics	Machine learning
Advanced statistics	Software development
Programming	Modelling of multi-criteria decision making processes
Business intelligence systems and methods	User experience design
Advanced web user interface development	Data warehouses and data analytics
Development of server side web applications	Thesis seminar
Cyber security	Master's thesis
Algorithms	
Elective course 1	
Elective course 2	

> Data Sciences

Professional title:

> Master of Science



1st year

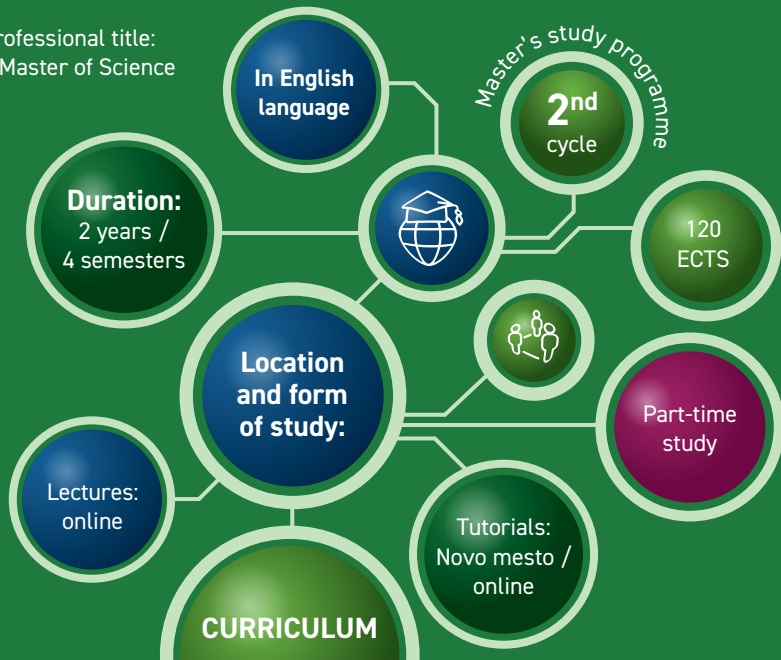
Linear algebra and optimization
Selected topics in probability and statistics
Introduction to data science
Data science programming
Data visualization
Data mining
Categorical data analysis
Machine learning 1
Elective course 1
Elective course 2
Elective course 3

2nd year

Data warehouses and data analytics
Big data analysis
Machine learning 2
Statistical learning and modelling
Thesis seminar
High performance computing
Creativity and critical thinking
Master's thesis

> Cyber Security

Professional title:
> Master of Science



1st year

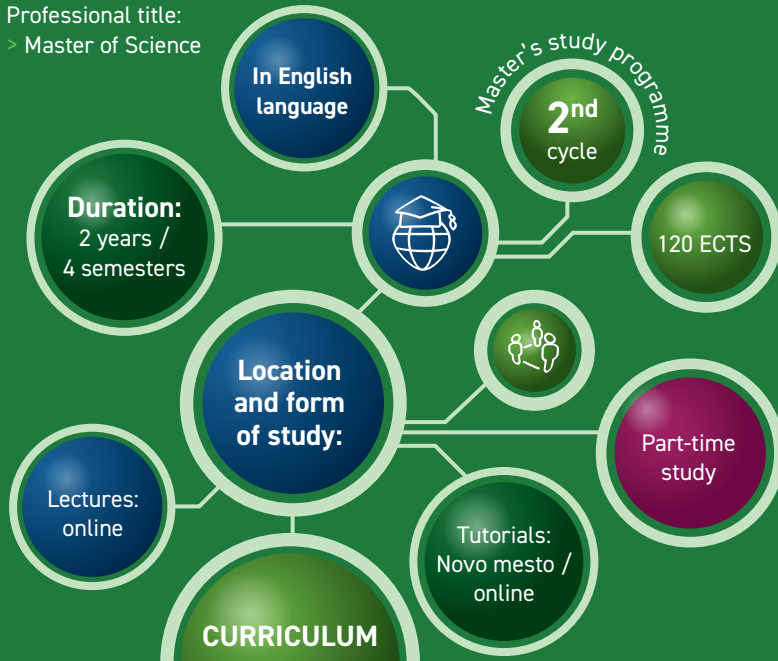
Information security law
Network security
Personal cyber security
Data security and protection
Systems security
Organizations' security
Component security
Cyber security
Elective course 1
Elective course 2
Elective course 3

2nd year

Secure software development
Qualitative and quantitative research methodology
Internet of things and operational technologies cyber security
Assessment and audit of cyber security
Thesis seminar
Security of web and mobile applications
Master's thesis

> Business Informatics

Professional title:
> Master of Science



1st year

Digitalization of business
Organisational change management
Economics for business informatics
Development of business information system
Decision support systems
Information technology projects
Qualitative and quantitative research methodology
Digital transformation of business processes
Elective course 1
Elective course 2

2nd year

Thesis seminar
Digital marketing
Digital transformation technologies
Data warehouses and data analytics
Security of electronic commerce
Elective course 3
Master's thesis



Why choose FIŠ?



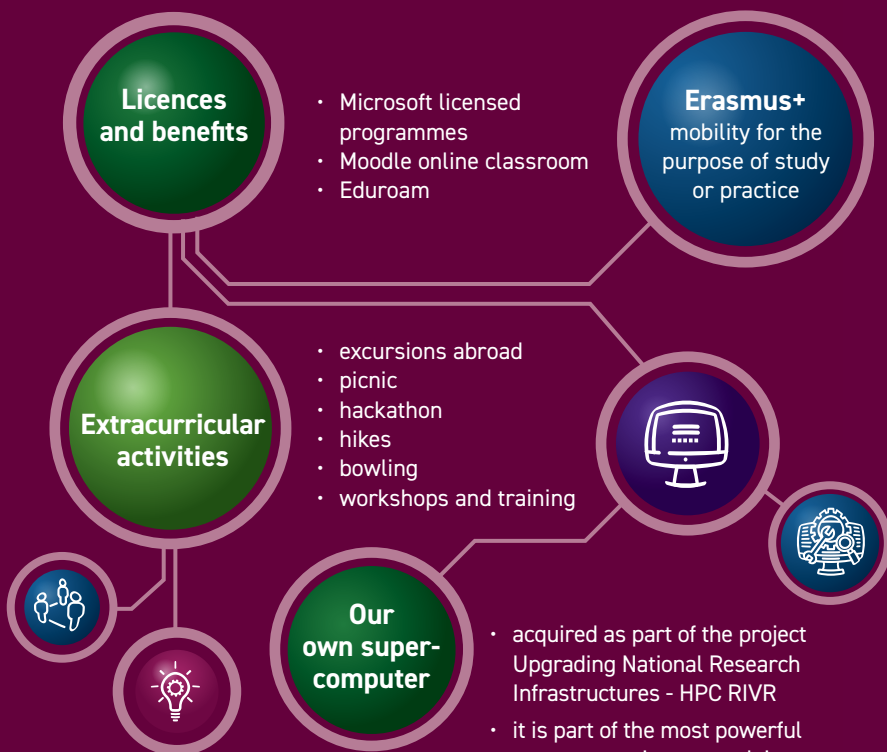
- personal approach to students, approachable and friendly staff
- a wide range of subjects and up-to-date knowledge
- excellent professional academic staff
- we train professionals for well-paid professions of the present and the future
- Erasmus+ international mobility
- free study also for the employed
- attendance also online at lectures and tutorials for all study programmes



Employment prospects



- senior positions:
 - information and communication technology companies
 - IT and analytics departments of companies and public institutions
 - organisations where data are collected and statistically processed
- primary and secondary schools as IT teachers (after completing the Master's degree in Informatics in Contemporary Society, Computer Science and Web Technologies or Business Informatics)
- for project management
- one's own companies to develop applications and programmes



**Fakulteta za
informatijske študije**
Faculty of information studies

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Student Affairs Office

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www.fis.unm.si

