



BUSINESS INFORMATICS

Programme type	Master's studies (university)
Field of study	Information Systems
Study area	Informatics Sciences
Qualification awarded	Master in Informatics Sciences
Length of programme	2 years (4 semesters)
Scope of programme (ECTS)	120
Language of instruction	English
Location	Kaunas, Lithuania
Starting date	1 st of September
Tuition fee EU students	3236 EUR/ per year
Tuition fee Non-EU students	3300 EUR/ per year

PROGRAMME DESCRIPTION

- *The objective*

The goal of this programme is to educate specialists with professional skills in Informatics/IT, Economics, Management and Financial Systems. The programme includes studies in the development of business models and design and implementation of contemporary business information systems. It also deals with the research and development of the current IT models (computational intelligence) and systems. In addition to acquisition of special knowledge, the students will improve their capacity for analytical thinking, ability to co-operate and communicate, to be creative and critical.

- *Career opportunities*

Graduates of the programme may work in business and (or) e-business IT companies, banks, investment firms, stock exchange, finance management departments of companies. Graduates may work as managers

of programmer groups, software engineers, business and IT system analysts, IT project managers, IT, computer network and system administrators.

- *Access to further studies*

A completed Master's programme opens up wide opportunities to continue research in the PhD level study programmes

KEY LEARNING OUTCOMES

Graduates of Business Informatics are able to: analyse on the professional level the flows of information in enterprises; detect the information channels that are crucial to business processes; determine the directions of the development of information systems and the required IT instruments; create the models for the enterprises' activities and typical business processes and employ these models in decision support systems; to design, implement, maintain and evaluate the information systems suitable to traditional enterprises, services and business companies.

COURSE INFORMATION

The programme has the following structure

Course Type	1st Semester	2nd Semester	3rd Semester	4th Semester
Compulsory Courses	Enterprise Information Architecture (5 ECTS)	Neural Networks and Neurocomputations (4 ECTS)	Knowledge Bases and Expert Systems (5 ECTS)	Statistical Analysis of Business Environment (5 ECTS)
	Control of Dynamic Objects in Internet (5 ECTS)	Data Modelling and Retrieval Methods (5 ECTS)	Financial Risk Management (5 ECTS)	Knowledge Based System Engineering (5 ECTS)
	Multimedia Technologies (5 ECTS)	CASE and Information Systems Engineering (5 ECTS)	Groupware IT and Infrastructure (6 ECTS)	IT Strategies in Knowledge Society (5 ECTS)
	Master's Research Work I/III (10 ECTS)	Information Systems Project Management (4 ECTS)	Intranet Technologies (6 ECTS)	Final Master's Thesis (Study field: Information Systems) (15 ECTS)
		Master's Research Work II/III (12 ECTS)	Master's Research Work III/III (8 ECTS)	
Elective Courses	Intelligent Systems in Financial Markets (5 ECTS)			
	Management Accounting Information Systems (5 ECTS)			

GRADUATION REQUIREMENTS

Public defence of the Master's Thesis.

ADMISSION REQUIREMENTS AND SELECTION CRITERIA

- Bachelor's degree or its equivalent in Economics, Informatics and Mathematics;
- English language proficiency - the level not lower than B2 (following the Common Framework of Reference for Language approved by the Council of Europe).

EXAMINATION AND ASSESSMENT REGULATIONS

The main form of evaluation is an examination. Every course unit is concluded with either a written or written-oral examination or pass/fail evaluation. Student's knowledge and general performance during the examination are assessed by using a grading scale from 1 (very poor) to 10 (excellent).

Academic contact

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Admission contact

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