

Official Length of Programme, Mode of study

240 credits, full-time studies, four year studies

Qualification Degree

Bachelor of Computing

Field of Study

Informatics

Faculty

Faculty of Informatics

State Code

6121BX010

Head of the Field's Study Programmes

Assoc. Prof. Ingrida LAGZDINYT -BUDNIK
email ingrida.lagzdinyte@ktu.lt

Objective(s) of a Study Programme:

To prepare bachelors which have knowledge of informatics theory, computer software and hardware; to acquire skills of choosing effectively or creating software required for solving various practical tasks of informatics; to be capable of formulating tasks and designing their salvation systems, to work individually and in group.

Access to Professional Activity

The graduate can work as information technologies (IT) systems administrator; computer network infrastructure, virtual server infrastructure designer and developer; IT services cloud computing, network and mobile applications developer; interactive websites, e-marketing and training systems developer; computing and interactive environments and systems, game designer and programmer; multimedia systems analyst.

Become the most



Informatics

	Module code	Module title and description	ECTS credits		Module code	Module title and description	ECTS credits	
1 Semester	P175B505	Computer Graphics	6	5 Semester	T120B145	Computer Networks and Internet Technologies	6	
	T120B196	Introduction to Studies of Informatics	9		P170B328	Concurrent Programming	6	
	P130B001	Mathematics 1	6		P170B114	Fundamentals of Information Systems	6	
	P175B118	Object-Oriented Programming 1	9		P170B115	Numerical Methods and Algorithms	6	
2 Semester					Competence Electives (Select One)			
					Subjects of Specializations (Select One)			
					Internet Informatics	6		
					Multimedia Systems	6		
					Competence Subjects of BA+	6		
					Optional Subjects	6		
3 Semester	P130B002	Mathematics 2	6	6 Semester	T120B195	Project of Information Technology Product Development Electives	12	
	P175B123	Object-Oriented Programming 2	6				6	
	P190B101	Physics 1	6			Competence Electives (Select One)		
	P175B100	The First Principles of Digital Logic	6			Subjects of Specializations (Select One)		
		Electives of Philosophy and Sustainable Development 2019 (Select One)				Internet Informatics	12	
	H120B111	Media Philosophy	6		Multimedia Systems	12		
	S183B001	Sustainable Development	6		Competence Subjects of BA+	12		
					Optional Subjects	12		
4 Semester				7 Semester	T120B180	Development and Deployment of Network Based Services	6	
	H570B104	Academic and Technical Communication in English (Level C1)	6		T120B192	Mobile Internet Systems	6	
	P175B125	Computer Architecture	6			Optional Subjects 2019	6	
	P175B014	Data Structures	6			Competence Electives (Select One)		
	P170B008	Discrete Structures	6			Subjects of Specializations (Select One)		
	P160B003	Theory of Probability and Statistics	6			Internet Informatics	12	
					Multimedia Systems	12		
					Competence Subjects of BA+	12		
					Optional Subjects	12		
5 Semester	P175B602	Databases	6	8 Semester	P175B139	Final Degree Project	15	
	P170B400	Design and Analysis of Computer Algorithms	6		P175B138	Final Practice	15	
	P175B304	Operating Systems	6					
	P175B163	System Simulation	6					
	P175B314	Software Engineering	6					