Informatics Systems
Minor Study Program

Purpose of the Study Program	The goal of the program is to provide core knowledge in the field of information technology and to develop skills that enable the application of these technologies, the design, development, implementation, and administration of computer systems across various areas of activity, as well as the use of data analysis and artificial intelligence methods and tools.
Learning Outcomes (Competencies Acquired)	Students who complete this program will be able to: • understand the possibilities for applying modern information technologies; • design, implement, and manage computer systems; • formalize and specify real-world problems solved using information technologies and describe them at an abstract level; • develop application software; • apply fundamental data analysis and modeling methods, as well as artificial intelligence methods.
Contacts	**Faculty of Informatics** Address: Universiteto str. 10, LT-53361, Akademija, Kauno r. Phone Number: +370 37 327 900 E-mail: if@vdu.lt

Title of the Subject	Subject code	ECTS
Mandatory subjects		
Fundametals of Programming	INFN1003	6
Databases and Information Systems	INF3017	6
Internet Technologies	INF3002	6
Software Engineering	INF4019	6
Choose one subject (6 ECTS):		
Object-Oriented Programming	INF1007	6
Distributed IT Project Management	INF4040	6
Enterprise IT Management	INF3066	6
Choose one subject (6 ECTS):		
Information Modelling	INF3037	6
Artificial Intelligence Applications	INF3043	6
Deep Learning Systems	INF4039	6
Choose one subject (4 ECTS):		
Natural Language Technologies	INF4036	4
Cross-Platform System Engineering	INF4043	4
Information System Security	INF4012	4
	Total:	**40**