

Institution
 Faculty, department
 Study programme, code of study programme
 Study credits and study form
 Admission
 Chairperson of the Study Programme Committee

Alytaus kolegija
 Faculty of Information and Communication Technologies,
Department of Information Systems
 Information Systems Technologies, 6531BX001
 180, full-time (3 years)
 Start to study 2019 February
 Lecturer of Department of Information Technologies Rasa
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FULL-TIME STUDY PLAN

SUBJECT	CREDITS
FIRST-YEAR	60
SEMESTER 1	30
General Subjects of College Studies	
Mathematics	6
Foreign Language (English)	6
Compulsory Subjects	
Basics of Programming	6
Operating Systems	3
Computer Aided Design	3
Practical training	
Practical Training in Application Programs	6
SEMESTER 2	30
General Subjects of College Studies	
Foreign Language (English)	3
Compulsory Subjects	
Databases	6
Electric Technique For Students of Informatics	6
Numerical methods and Discrete mathematics	3
Objecting - Oriented Programming	6
HTML Technologies	6
SECOND-YEAR	60
SEMESTER 3	30
Compulsory Subjects	
Fundamentals of Law	3
Data Structures and Algorithms	6
Fundamentals of Business	6
Information Systems	6
Data Analysis	3
Environmental and Health Safety	3
Optional Subjects	
Computers and Peripheral Devices / Computer Architecture	3
SEMESTER 4	30
Compulsory Subjects	
Data security	3
Fundamentals of Computer Networks	6
Programming PHP*	6
Practical training	
Training in Professional Skills	9
Practical Training in Creating Information Systems	3
Alternative Subjects**	
	3
THIRD-YEAR	63
SEMESTER 5	30
Compulsory Subjects	
Virtualization	3
Design of Computer Systems	6
Internet Systems	6
Application Programs	6
Optional Subjects	
Computer Graphics and Modeling / Multimedia and Internet	3
Practical training	
Practical Training in Programming of Internet Systems	6

SEMESTER 6	33
Compulsory Subjects	
Business Information Systems	3
Application development	3
Human – Computer Interaction	3
Foreign Language (LT)	3
Practical training	
Speciality Final Practical Training	6
Final Thesis	12
Alternative Subjects**	3

* – Course Project

** – List of Alternative Subjects www.akolegija.lt