

3. INFORMATION ABOUT LITHUANIA, ŠIAULIAI AND ŠIAULIAI STATE COLLEGE

3.4. GENERAL DESCRIPTION OF STUDY PROGRAMMES

3.4.4. BUSINESS INFORMATICS (Code 653I13001)

Qualification Degree and/or Qualification: Professional Bachelor in Applied Informatics

Objectives of the programme:

To prepare a programmer, able to analyse and evaluate information flow distribution in a company or an organisation, to project, develop and implement information systems, software, database management systems, websites of companies and organisations, select and install operating systems and application software.

Study modes: full-time, part-time

The structure of the study programme:

1 semester		
Subjects	Credits	ECTS credits
Basics of Economics	3	4.5
Philosophy	2	3
Mathematics 1	4	6
Discrete Mathematics	2	3
Mathematical Logic	2	3
Information and Database Management	4	6
Graphics and Visualisation	3	4.5
Physical Education		
Total:	20	30

2 semester		
Subjects	Credits	ECTS credits
<i>Elective Subjects:</i>		
Professional English Language	4	6
Professional German Language		
Professional Russian Language		
Professional French Language		
Mathematics 2	4	6
Internet Technology Software	3	4.5
Basics of Algorithmisation and Formal Languages	2	3
Basics of Programming	3	4.5
<i>Database Management and Internet Technology Practice</i>	4	6
Physical Education		
Total:	20	30

3 semester		
Subjects	Credits	ECTS credits
Basics of Law	3	4.5

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3 semester		
Subjects	Credits	ECTS credits
Operating Systems	2	3
Computerised Accounting	2	3
Business Planning and Management (Course Paper)	3	4.5
<i>Practice of Economic and Financial Activities</i>	4	6
<i>Elective Subjects:</i> Network Programming C++ Programming	4	6
<i>Optional Subject</i> Physical Education	2	3
Total:	20	30

4 semester		
Subjects	Credits	ECTS credits
Basics of Professional Language	2	3
Computer Architecture	2	3
Marketing	3	4.5
Mathematical Statistics	2	3
<i>Programming Practice</i>	5	7.5
<i>Elective Subjects:</i> Artificial Intellect Methods and Technologies Mathematical Modelling	4	6
<i>Optional Subject</i> Physical Education	2	3
Total:	20	30

5 semester		
Subjects	Credits	ECTS credits
Computer Networks	2	3
Software Systems Engineering	2	3
Remote Database Management	4	6
Project Planning and Management	2	3
Workgroup System	5	7.5
<i>Information Systems Development Practice</i>	3	4.5
<i>Optional Subject</i> Civil Safety	2	3
Total:	20	30

6 semester		
Subjects	Credits	ECTS credits
Projection of Information Systems and CASE Technologies (Course Project)	4	6

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6 semester		
Subjects	Credits	ECTS credits
Human-Computer Interaction	2	3
<i>Elective Subjects:</i>	2	3
Computer Communications Mobile and Wireless Network Technologies		
<i>Pre-graduation Practice</i>	4	6
Graduation Project	8	12
Total:	20	30