

RIGA TECHNICAL UNIVERSITY

Faculty of Computer Science and Information Technology

Foreign Students Department

STUDY PROGRAM (international students)

Profile:	Computer Systems
Study program:	Master Studies
Duration of studies	2 years
Number of credits:	81 Credit Point (CP) or 121 ECTS
Previous education:	Bachelor of Engineering Sciences in Computer Science
Degree awarded:	Master of Engineering Sciences in Computer Systems

	RTU program code	ADMD0
A. COMPULSORY COURSES	37 CP	
1.DIP485 Software Metrology and Planning Methods		4 CP
2.DSP451 Large Databases		4 CP
3.DPI502 Object Oriented Systems Analysis		4 CP
4.DSP422 Artificial Intelligence		4 CP
5.DPI401 Programming of Processes		4 CP
6.DPI503 Evolution of Object-Oriented Software		4 CP
7.DIP414 Computer Aided Solution Processing		4 CP
8.DIP501 Special Data Processing Technologies		4 CP
9.DSP555 Requirements Engineering		4 CP
10.IDA117 Basics of Occupational Safety		1 CP
11.DIP513 Theory of Software Reliability		4CP
B. LIMITED CHOICE	20 CP	
B.1. Specialized Courses	16 CP	
1.1.DSP411 Theory of Systems and Processes		4 CP
1.2.DSP412 Computer Systems Design (Scientific Seminar)		2 CP
1.3.DSP505 Computer Systems Design Methods (Scientific Seminar)		2 CP
1.4.DSP450 Information Systems and CASE Tools		4 CP
1.5.DSP560 Knowledge Management		4 CP
1.6.DPI538 Software Quality		4 CP
1.7. DPI402 Workshop of Applied Computer Science		4 CP
1.8. DPI504 CASE Tools for Object-Oriented System Development		4 CP
1.9. DPI508 Methods and Evolution Trends of Applied Computer Science		4 CP
1.10.DIP415 Network Software		4 CP
1.11.DIP484 Applied Software Systems (scientific seminar)		2 CP
1.12.DIP409 Advanced Software Technologies (scientific seminar)		2 CP
1.13.DIP483 Development Methods of Applied Intelligent Software Systems		4 CP
1.14.DIP513 Theory of Software Reliability		4 CP
B.2. Humanities and social sciences	4 CP	
2.1. HSP483 Industrial Relations		2 CP
2.2. HSP488 Business Sociology		2 CP
2.3. HSP430 Social Psychology		2 CP
2.4. HFL432 Ethics		2 CP
2.5. HFL433 Presentation Skills		2 CP
2.6. HFL438 European Classical Philosophy		2 CP
2.7. HSP446 Pedagogy		2 CP
2.8. HSP484 Psychology		2 CP
2.9. IUV453 Management of Small Business		2 CP
2.10. IRO405 Small Business Organization		2 CP

2.11. IUE439	Planning of Enterprise Operation		2 CP
2.12. IUE409	New Product Marketing		2 CP
2.13. IRO398	Commerce		2 CP
C.	FREE CHOICE COURSES	4CP	
E.	FINAL EXAMINATION	20 CP	
1. DSP002	Master Thesis		20 CP
2. DPI002	Master Thesis		20CP
3. DIP002	Master Thesis		20CP
	TOTAL:	81 CP	