

RIGA TECHNICAL UNIVERSITY

Faculty of Electronics and Telecommunications

Foreign Students Department

STUDY PROGRAM (international students)

Profile:	Telecommunication
Study program:	Master
Duration of studies	2 years
Number of credits:	82 Credit Points (CP) or 123 ECTS
Previous education:	Bachelor of Engineering Sciences in Electrical Engineering
Qualification:	Master of Engineering Sciences in Telecommunications

	RTU program code	AEMC0
A. COMPULSORY COURSES	40 CP	
1. DMS436 Mathematical Statistics		3 CP
2. RDE417 Information Optical Processing Physics		4 CP
3. RDE418 Telecommunications Theory (special course)		4 CP
4. RDE419 Fiber Optics Transmission Systems		5 CP
5. RAE475 Telecommunications and Computer Networks		5 CP
6. RAE473 Computer Technology for Telecommunications		3 CP
7. RAE555 Teletraffic Theory		3 CP
8. RDE425 Research Seminars		4 CP
9. RDE432 Transmission Systems (special course)		4 CP
10. RDE433 Design and Maintenance of Optical Networks		4 CP
11. IDA117 Basics of Occupational Safety		1 CP
B. LIMITED CHOICE	18 CP	
1. Specialized courses	14 CP	
1.1. RAE533 Telecommunications System Engineering		3 CP
1.2. RDE416 Microwave Telecommunications Systems		4 CP
1.3. RAE556 Mobile Communications Systems		3 CP
1.4. RAE554 Telecommunications Networks Design Theory		3 CP
1.5. RAE419 Telecommunications Marketing		2 CP
1.6. RAE428 Management in Telecommunications Area		2 CP
1.7. RAE411 Telecommunication Software		4 CP
1.8. RAE472 Digital Switching Systems II		3 CP
1.9. RAE553 Signalling Systems and Protocols		3 CP
1.10. RAE454 Power Supply for Telecommunications Devices		3 CP
2. Humanities and social sciences	4 CP	
2.1. IUE452 Business Economics		4 CP
2.2. IRO578 Organization and Planning of Production. Management or Enterprise		4 CP
2.3. HSP484 Psychology		2 CP
2.4. HSP446 Pedagogy		2 CP
2.5. HFL432 Ethics		2 CP
2.6. HFL433 Presentation Skills		2 CP
C. FREE CHOICE COURSES	4CP	
E. FINAL EXAMINATION	20 CP	
1. RDE002 Master Thesis		20 CP
TOTAL:	82 CP	