

RIGA TECHNICAL UNIVERSITY

Faculty of Electronics and Telecommunications

Foreign Students Department

STUDY PROGRAM (international students)

Profile:	Environmental Sciences
Study program:	Master
Duration of studies:	2 years
Number of credits:	80 Credit Points (CP) or 120 ECTS
Previous education:	Bachelor of Environmental Sciences or Engineering Sciences
Qualification:	Master of Environmental Sciences

	RTU program code	AEMX0
A. COMPULSORY COURSES	35 CP	
1. EAS702 Environmental Technologies		11 CP
2. EAS706 Advanced Energy Technologies		6 CP
3. EAS703 Environmental Management		4 CP
4. EAS722 Environmental Policy and Economics		5 CP
5. EAS502 Ecodesign		4 CP
6. IDA117 Basics of Occupational Safety		1 CP
7. EAS507 Environmental Impact Assessment		4 CP
B. LIMITED CHOICE	21 CP	
1. Specialized courses	17 CP	
1.1. EAS715 Experiment Planning and Simulation of Processes		4 CP
1.2. EAS700 Energy Conversion and Efficiency		4 CP
1.3. EAS708 Heat Supply Optimization		3 CP
1.4. EAS723 Renewable Energy Sources		4 CP
1.5. EAS504 Life Cycle Analysis		2 CP
1.6. EAS505 Environmental Audit		2 CP
1.7. ҚNF503 Environmental Chemistry and Technology		2 CP
1.8. ҚNF532 Water Chemistry and Microbiology III		2 CP
1.9. ҚST520 Recycling of Industrial Waste		2 CP
1.10. EAS509 Innovative Technologies and Solutions of Energy Supply		3 CP
1.11. EAS508 Fundamentals of Environmental Scientific Research		3 CP
1.12. EAS725 Waste Management System		3 CP
1.13. EAS710 Geographic Information Systems		3 CP
1.14. EAS724 Energy efficiency of Buildings		4 CP
1.15. BÜK504 Water Treatment Technology		5 CP
1.16. ҚNF433 Environmental Protection Problems I		2 CP
1.17. ҚVҚ405 Environmental Protection Problems II		2 CP
2. Humanities and social sciences	4 CP	
2.1. IUE475 Environmental Economics		4 CP
2.2. EAS704 Socio-Economic Aspects of Energy Supply		4 CP
2.3. HFL433 Presentation Skills		2 CP
2.4. HSP488 Business Sociology		2 CP
2.5. HSP485 Communication Psychology		2 CP
2.6. HSP430 Social Psychology		2 CP
C. FREE CHOICE COURSES	4CP	
E. FINAL EXAMINATION	20 CP	
1. EAS002 Master Thesis		20 CP
TOTAL:	80 CP	