

Annex 1: Study plan

Study plan for the full-time program

Name	Semester				Graded
	1	2	3	4	
Required modules, Master's thesis and final oral examination					
Management of Natural Resources Systems	5				X
Environmental Economics and Governance	5				X
Project Management		5			X
International Cooperation		5			X
Project I: Regional Systems Problem Definition	5				X
Project II: Solution Design		5			X
Project III: Implementation and Evaluation			5		X
Master's Thesis Preparation			5		N
Master's Thesis and final oral examination				30	X
Elective modules					
Methods and Tools					
Scientific Work	5				X
Geographic Information Systems and Remote Sensing	5				X
Statistics	5				X
Empirical Social Research Methods		5			X
Environmental Monitoring		5			X
Economic Valuation Methods			5		X
Water Energy Food Security Nexus			5		X
<i>Eco-Balancing</i>		5			X
<i>Environmental Assessment</i>			5		X
<i>Entrepreneurship</i>			5		X
Special Topics					X
Integrated Water Resources Management – IWRM					
Water Resources Management	5				X
Hydrology		5			X
Hydraulic Infrastructure		5			X
Water and Agriculture		5			X
Watershed Management		5			X
Flood Management			5		X
Water Scarcity and Drought			5		X
Water System Analysis			5		X
<i>Water Economics and Governance</i>		5			X
<i>Urban Water Management</i>			5		X
Special Topics					X

Natural Resources Management and Development - NRM					
Farming Systems – Urban Systems	5				X
Soil Management		5			X
Farming Systems Economics		5			X
Ecosystem Management and Conservation		5			X
Public Services and Housing Governance		5			X
Ecological and Social Risks			5		X
Food Security			5		X
Resources Efficient and Resilient Cities			5		X
<i>Natural Resources Governance and Sustainability Transition</i>			5		X
Special Topics					X
Renewable Energy Management – REM					
Energy Resources and Energy Systems	5				X
Introduction to Renewable Thermal Energy Science		5			X
Energy Economics, Efficiency and the Environment		5			X
Photovoltaics		5			X
Energy Policy and System Transition			5		X
Wind Energy			5		X
Decentralized Energy Systems			5		X
<i>Energy Infrastructures</i>		5			X
Special Topics					X