

Type	Environmental Engineering Track (LU)	Environmental Applications track (LU)	Natural resource management Track (ITC)
Compulsory	Introduction to GIS 15 ECTS Introduction to Remote Sensing 10 ECTS Introduction to Natural Resource Management 5 ECTS GIS and statistics analysis 5 ECTS Mapping and Monitoring of Natural Resources 10 ECTS		
Electives	Geographical Databases 7.5 ECTS	Climate Change 7.5 ECTS	Systems Analysis 5 ECTS
	Open Source GIS 7.5 ECTS	GIS in Tourism and Recreational Planning 7.5 ECTS	Environmental Impact Analysis 5 ECTS
	Programming in Python 5 ECTS	Spatial Data Infrastructure 5 ECTS	Spatial Biological Modelling and Climate Change 5 ECTS
	Web GIS 7.5 ECTS	GIS and spatially distributed Hydrological modelling 7.5 ECTS	Food security 5 ECTS
	Algorithms in GIS 7.5 ECTS	GIS and Biodiversity 7.5 ECTS	RS and GIS for Climate Change Mitigation in Forest Ecosystems 5 ECTS
			Spatial temporal models 5 ECTS
		Capita Selecta 5 ECTS	
Compulsory	Research skills methods 5 ECTS		
Compulsory	Proposal writing, defence 5 ECTS		
Compulsory	Thesis 30 ECTS		