Type	Semester	Environmental Engineering Track (LU)	Environmental Applications track (LU)	Natural resource management Track (ITC)	Responsible university
Compulsory	1	Introduction to GIS 15 ECTS			LU
Compulsory	1	Introduction to Remote Sensing 10 ECTS			UT/ITC
Compulsory	1	Systems approach for the Management of Natural Resources 7,5 ECTS			UT/ITC
Compulsory	2	GIS and statistics 5 ECTS			LU
Compulsory	2	Earth observation for natural resources management: 7,5 ECTS			UT/ITC

Type	Semester	Environmental Engineering Track (LU)	Environmental Applications track (LU)	Natural resource management Track (ITC)	Responsible university
Elective	2 and 3	Databases 7.5 ECTS	GIS and Climate change 7.5 ECTS	Geojounalism 5 ECTS	Depending on choice of electives
		Open source GIS 7.5 ECTS	GIS and Tourism 7.5 ECTS	SEA and EIA, applying spatial decision support tools 5 ECTS	
				Spatial biological modelling 5 ECTS	
		Programming in Python 5 ECTS	Spatial Data Infrastructure 5 ECTS	Web based estimates of food productivity for enhanced food security 5 ECTS	
		Internet GIS 7.5 ECTS	Hydrological modeling 7.5 ECTS	Climate change mitigation in forest ecosystems 7.5 ECTS	
		Algorithms and GIS 7.5 ECTS	GIS and biodiversity 7.5 ECTS	Entrepreneurial skills for Geo scientists 5 ECTS	
				Capita Selecta 5 ECTS	
Compulsory	3	Research skills and methods 5 ECTS			LU

Compulsory	3	Proposal writing, defence 5 ECTS			Coordinated by UT/ITC
Compulsory	4	Thesis 30 ECTS	Thesis 30 ECTS	Thesis 30 ECTS	all

Detailed overview of the programme, compulsory and elective courses.