

Geoinformatics

Course name	Semester	ECTS Credits	Number of teaching hours		
			In all	lectures	classes
Foreign language laboratory	1	2	30		30
GIS programming	1	3	45	15	30
Information technology in geomatics	1	2	30	15	15
Mathematics	1	2	30	15	15
Space Radio-Diagnostic techniques	1	2	30	15	15
GNSS surveying	1	2	30	15	15
Advanced Satellite Remote Sensing	1	3,5	45	15	30
Advanced geodesy	1	4	45	15	30
Database design	1	3	45	15	30
Geostatistics	1	3	45	15	30
Etiquette	1	0,5	4	4	
Safety and Hygiene at Work	1	0,5	4	4	
Intellectual Property Protection	1	0,25	2	2	
Ergonomics	1	0,25	2	2	
All-campus lecture	1	2	30	30	
SUM		30	417	177	240
Airborne and Terrestrial laser scanning	2	3	45	15	30
Earth observation	2	3	45	15	30
Satellite navigation	2	3	45	15	30
GNSS data processing	2	3	45	15	30
GPR measurements	2	3	45	15	30
GNSS applications	2	3	45	15	30
WEB and mobile GIS	2	3	45	15	30
Master's thesis	2	5			
GIS modelling	2	3	45	15	30
Entrepreneurship	2	1	15	15	
SUM		30	375	135	240
Bathymetric surveys	3	2	45	15	30
Unmanned Aerial Vehicles (UAV)	3	2	45	15	30
Geovisualization	3	2,5	45	15	30
Spatial Data Infrastructure	3	2,5	45	15	30
Physical geodesy	3	1	30	15	15
Master's thesis	3	15			
Monographic lectures	3	1	30	30	
GIS analysis	3	2	45	15	30
All-campus lecture	3	2	30	30	
SUM		30	315	150	165
TOTAL SUM		90	1107	462	645