

Module Plan Geodesy and Geoinformatics (M.Sc.) Hydrography								
Domain	Semester 1	CP	Semester 2	CP	Semester 3	CP	Semester 4	CP
MINT	Geo-M-MOD-101 Engineering Mathematics	2,5						
	Geo-M-MOD-103 Software and Interface Technology	5						
Specialization Geodetic Measurement Techniques	Geo-M-MOD-110 GNSS	2,5	Geo-M-MOD-202 Terrestrial Laser Scanning 1	2,5				
			Geo-M-MOD-204 Integrated Navigation	5				
			Geo-M-MOD-205 Higher Geodesy	5				
Specialization Geoinformation Technology	Geo-M-MOD-105 GI-Science	2,5	Geo-M-MOD-209 Spatial data analysis	5				
			Geostatistics	2,5				
			Digital Elevation Models	2,5				
Specialization Hydrography	Geo-M-MOD-107 Basics of Hydrography	2,5	Geo-M-MOD-210 Advanced Hydrography	5	Geo-M-MOD-305 Nautical Charting	2,5		
	Determ. Of Positions and Water Depths	1,5	Advanced Hydrography	3				
	Practical Course 1	1	Practical Course 2	2				
	Geo-M-MOD-108 Hydr. Data Acquisition and Processing	7,5			Geo-M-MOD-306 Navigation in Hydrography	2,5		
	Underwater Acoustics	3			Nautical Science	1,5		
	Hydrographic Data Processing	2,5			Electronic Chart Display	1		
	Practical Course 2	2						
	Geo-M-MOD-109 Marine Environment	5			Geo-M-MOD-307 Oceanography	5		
	Marine Meteorology	3			Physical Oceanography and Tides	3		
	Legal Aspects	2			Oceanographic Data Processing	2		
					Geo-M-MOD-308 Marine Geology /Geophysics	5		
					Geology/Geomorphology	1		
					Seismics	2		
					Magnetics and Gravimetry	2		
					Geo-M-MOD 310 LiDAR and Remote Sensing	2,5		
					Geo-M-MOD-309 Hydrographic Practice	7,5		
					Supplementary Field Training	5		
					/Practical Course			
					Quality Management	2,5		
QBS	BS-M-MOD-001 Project Management			5	BS-M-MOD-002 Interdisciplinary Project			5
	Project Management Lecture	2,5	Projekt Management Seminar	2,5				
			Q-M-MOD-001 Q-Studies	5				
			Q-Studies I	2,5				
			Q-Studies II	2,5				
Thesis							Geo-M-MOD-401 Master-Thesis	30
							incl. Final exam	
Σ CP 180	Σ CP Semester 1	30	Σ CP Semester 2	30	Σ CP Semester 3	30	Σ CP Semester 4	30