Study Plan Master of Science (M. Sc.) Geodesy and Geoinformatics - Hydrography

Equivalences after start of BSPO 2023 in WiSe 2023/24

Students of the BSPO BSPO-MSc-Geo-17 complete modules not yet started and completed from WiSe 2023/24 in the following updated form. The adjustments serve to facilitate studies and to methodically update the teaching and learning forms.

Version as of February 15, 2017

Lehrbereich	Modul-Nr. Geo-M-Mod	Modul	Modultyp	CP Modul	Lehrveranstaltungen innerhalb der Module	HYD	LV	PVL	PL
MINT	101	Engineering Mathematics	PF	2,5	Engineering Mathematics	M1	VL /UE		K/M
	103	Software and Interface Technology	PF	5	Software and Interface Technology	M1	VL /UE	S	K/M
Specialization Geodetic Measurement Techniques	111	GNSS	PF	2,5	GNSS	M1	VL/UE	S	K/M
	202	Terrestrial Laserscanning 1	PF	2,5	Terrestrial Laserscanning 1	M2	VL /UE	S	K/M
	204	Integrated Navigation	PF	5	Integrated Navigation	M2	VL /UE		K/M
	205	Higher Geodesy	PF	5	Higher Geodesy	M2	VL /UE		K/M
Specialization Geoinformation Technology	105	GI-Science	PF	2,5	GI-Science	M1	VL /UE		K
	209	Spatial data analysis	PF	5	Geostatistics Digital Elevation Models	M2 M2	VL/UE VL/UE		K
Specialization Hydrography	107	Basics of Hydrography	PF	2,5	Determ. of Positions and Water Depths Practical Course 1	M1 M1	VL/UE UE	 S	K/M
	108	Hydr. Data Acquisition and Processing	PF	7,5	Underwater Acoustics Hydrographic Data Processing Practical Course 2	M1 M1 M1	VL/UE VL/UE UE	 S	K/M K/M
	109	Marine Environment	PF	5	Marine Metereology Legal Aspects	M1 M1	VL VL	 	K/M K/M
	210	Advanced Hydrography	PF	5	Advanced Hydrography Practical course 3	M2 M2	VL/UE UE	 S	K/M
	305	Nautical Charting	PF	2,5	Nautical Charting	M3	VL/UE		K/M
	306	Navigation in Hydrography	PF	2,5	Nautical Science Electronic Chart Display	M3 M3	VL VL	 	K/M
	307	Oceanography	PF	5	Physical Oceanography and Tides Oceanographic Data Processing	M3 M3	VL VL	 	K/M
	308	Marine Geology/Geophysics	PF	5	Geology/Geomorphology Seismics Magnetics and Gravimetry	M3 M3 M3	VL VL VL	 	K/M
	309	Hydrographic Practice	PF	7,5	Supplementary Field Training/ Practical Course Quality Management	M3 M3	VL/UE VL/UE	S 	K/M K/M
	310	LIDAR and Remote Sensing	PF	2,5	LIDAR and Remote Sensing	M3	VL/UE		K
Studium Fundamentale	BS-M-Mod-001	BASICS: Project Management	PF	5	Project Management - lecture Project Management - seminar	M1 M2	VL SE	 	K/S)1
	BS-M-Mod-002	BASICS: Joint Project	PF	5	Joint project	M3	)1	)1	)1
	Q-M-Mod-001	[Q] STUDIES	PF	5	Q-Studies I Q-Studies II	M2 M2	)1)1	)1)1	)1)1
Thesis	401	Master-Thesis	PF	30	Master-Thesis	M4	SE		TH, PR,KO
				120					

current equivalence (changes are marked)

Modul-Nr. Geo-M-Mod	Modul	Modultyp	CP Modul	Lehrveranstaltungen innerhalb der Module	HYD	LV	PVL	PL
101	Geodetic Mathematics	PF	2,5	Geodetic Mathematics	M1	VL /UE	S	K/M
103	Software and Interface Technology	PF	5	Software and Interface Technology	M1	VL /UE	S	K/M
Geo-M17-111	GNSS	PF	2,5	GNSS	M1	VL/UE	S	K/M
Geo-M17-202	Terrestrisches Laserscanning 1	PF	2,5	Geo-M-203-100 Terrestrisches Laserscanning 1	M2	VL /UE	S	K/M
204	Integrated Navigation	PF	5	Integrated Navigation	M2	VL /UE	S	K/M
205	Physical Geodesy	PF	5	Physical Geodesy	M2	VL /UE	-	K/M
Geo-M17-105	GI-Science	PF	2,5	REAP-M-104-100 GI-Science	M1	VL~~/UE~~		K
209	Spatial data analysis	PF	5	~~Geostatistics~~ Spatial data analysis ~~Digital Elevation Models~~	M2 ~~M2~~	VL/UE ~~VL/UE~~		K/M
107	Basics of Hydrography	PF	2,5	Determ. of Positions and Water Depths Practical Course 1	M1 M1	VL~~/UE~~ UE	 S	K/M
108	Hydr. Data Acquisition and Processing	PF	7,5	Underwater Acoustics Hydrographic Data Processing Practical Course 2	M1 M1 M1	VL~~/UE~~ VL/UE UE	 S	~~K/M~~ S ~~K/M~~
109	Marine Environment	PF	5	Marine Metereology Legal Aspects	M1 M1	VL VL	 	~~K/M~~ K/M ~~K/M~~
Geo-M17-210	Advanced Hydrography	PF	5	Geo-M-212-100 Advanced Hydrography Geo-M-212-200 Practical course 3	M2 M2	VL/UE UE	 S	K/M
305	Nautical Charting	PF	2,5	Nautical Charting	M3	VL/UE		K/M
306	Navigation in Hydrography	PF	2,5	Nautical Science Electronic Chart Display and Information System	M3 M3	VL VL	 	K/M
307	Oceanography	PF	5	Physical Oceanography and Tides Oceanographic Data Processing	M3 M3	VL VL	 S	K/M
308	Marine Geology/Geophysics	PF	5	Geology/Geomorphology Seismics Magnetics and Gravimetry	M3 M3 M3	VL VL VL	 	K/M
309	Hydrographic Practice	PF	7,5	Supplementary Field Training/ Practical Course Quality Management	M3 M3	VL/UE VL~~/UE~~	S 	~~K/M~~ S ~~K/M~~
310	LIDAR and Remote Sensing	PF	2,5	LIDAR and Remote Sensing	M3	VL~~/UE~~		~~K/M~~
BS-M-Mod-001	BASICS: Project Management	PF	5	Project Management - lecture Project Management - seminar	M1 M2	VL SE	 	K/S)1
~~BS-M-Mod-002~~	BASICS: Studienprogrammübergreifendes Projekt	PF	5	Studienprogrammübergreifendes Projekt	M3	)1	)1	)1
Q-M-Mod-001	[Q] STUDIES	PF	5	Q-Studies I Q-Studies II	M2 M2	)1)1	)1)1	)1)1
401	Master-Thesis	PF	30	Master-Thesis	M4	~~SE~~		~~TH,PR,KO~~ TH,PR/KO
			120					

)[1] Lehrveranstaltungsform, Prüfungsvor- bzw. Prüfungsleitung ergibt sich aus der gewählten Lehrveranstaltung

Erläuterungen

Sem. = Semester
LV = Lehrveranstaltungsform
PVL = Prüfungsvorleistung
PL = Prüfungsleistung
CP = Credit Points
VL = Vorlesung
SE = Seminar
UE = Übung
LP = Laborpraktikum
P = Projekt

Prüfungs(vor)leistungen

Dokumentation
Hausarbeit
Präsentation
Referat
Semesterarbeit
Klausur
Mündliche Prüfung
Präsentation
Thesis (Abschlussarbeit)

Modultyp

PF= PFLICHT