

### Course Programme for the Master in Geography (120 ECTS) - 2024/2025 - Options: Nature, Society and Politics (HG) / Dynamics in Glaciology and Geomorphology (PG)

Code	Teaching Unit Title (TU)	ECTS	Type of UE	Hours/semester	Evaluation: Acceptance	Evaluation: Mark Test/Duration	Semester	Day	Time	Lecturer-s	Room	Resp.	Comments
<b>I. Common Module (CM) - The entire module belongs to the Validation Package 1a</b>													
SGG.00409	Models, modelling and representations	3	C	28		Present. + Project	AS	Mon	10-12	MH, CB, LS, EP	223	M. Hoelzle	
SGG.00424	Hazards, risks and vulnerability	3	C	28		Written / 60 min.	AS	Mon	13-15	RD, LM, CG	Aud. 026	R. Delaloye	
SGG.00426	Climate change: state of the art and debates	3	S	28		Present. + Project	AS	Block		OG, SV		O. Graefe	
SGG.00425	Data and methods for environmental analysis	3	C	28		Project	AS	Block		HM, EP, JH	236	E. Pohl	
SGG.00512	Geocolloquium	3	C	28	Participation		AS/SS	Tue/Mon	16-18/11-12	All	Aud. 026	E. Schwarzenbach/L.Popova	in principle, 3 semesters of participation
<b>Total</b>		<b>15</b>											
<b>Ia. Dynamics in Glaciology and Geomorphology Module (DGG) - Compulsory courses (15 ECTS) belong to the Validation Package 1a - Elective courses (min. 10 ECTS, max. 18 ECTS) belong to the Validation Package 1b</b>													
<i>Compulsory courses</i>													
SGG.00444	Alpine cryosphere	3	C	28		Oral / 15 min.	AS	Tue	14-16	MH, CH, HM, CM, CHi	006	M. Hoelzle	
SGG.00445	Mountain geomorphology	3	C	28		Oral / 15 min.	SS	Block		RD	006/223/236/PER07 4.310	R. Delaloye	
SGG.00448	Modelling of glaciers and permafrost	3	C + P	28		Project	SS	Block		MH, CH, MHu	236	M. Hoelzle	
SGG.00441	Applied geophysical methods	3	C + P	30	Exercises		SS	Block		CH, TG, CM, CHi		C. Hauck	field course
SGG.00443	Project in cryosphere and geomorphology	3	P			Project	AS/SS			RD, MH, CH, EP, HM, LB, ...		R. Delaloye	to be achieved before the 4th sem.
<b>Total</b>		<b>15</b>											
<i>Elective courses</i>													
SGG.00451-52	Seminar in geomorphology **	2	S	28	Presentation / exam		AS	Thu	8-10/15-17	RD	223	R. Delaloye	
SGG.00449-50	Seminar in climatology and glaciology **	2	S	28	Presentation		SS	Tue	15-17	MH	223	M. Hoelzle	
SGG.00453-54	Field course in physical geography *	5	T	40		Project	SS	Block				H. Machguth	every 2 years : taking place in SS2025
<b>Ia. Nature, Society and Politics Module (NSP) - Compulsory courses (15 ECTS) belong to the Validation Package 1a - Elective courses (min. 8 ECTS, max. 16 ECTS) belong to the Validation Package 1b</b>													
<i>Compulsory courses</i>													
SGG.00484	Social theories (seminar)	3	S	28		Project	AS	Thu	10-12	OG	223	O. Graefe	
SGG.00473	Seminar in global change, development and ethics *	3	S	28		Project	SS	Thu	13-15	MF	223	M. Fautras	not taking place in SS2025
SGG.00471	New approaches in human geography *	3	S	28		Project	SS	Wed	13-15	RE	223	R. Emmenegger	every 2 years : taking place in SS2025
SGG.00477	Political ecology	3	S	28		Project	SS	Tue	13-15	RE	223	R. Emmenegger	
SGG.00485	Environmental History	3	P	28		Project	SS	Tue	10-12	CB	223	C. Bichsel	
<b>Total</b>		<b>15</b>											
<i>Elective courses</i>													
SGG.00486	Advanced social research methods	3	C + P	28		Project	AS	Tue	8-12	OG	223	C. Bichsel	7 x 4 hours (irregular schedule)
SGG.00480-81	Field course in human geography *	5	T	40		Project	SS	Block	CB, BB			C. Bichsel	every 2 years : not taking place in SS2025
SGG.00487	Issues in environmental ethics *	3	P	28		Project	AS	Mon	15-17	IWH, DR	226	I. Wallimann-Helmer	every 2 years : taking place in AS2024
<b>Total</b>													
* These courses are taught every second year.													
** These courses could be validated up to two times.													
<b>III. Supporting Courses Module (SC) - This entire module belongs to the Validation Package 1b (min. 30 ECTS) in addition to the elective courses of the specialization module Ia or IIb</b>													
<i>Elective supporting courses (suggestions only)</i>													
<b>English</b>													
	English for Masters Students of Science I B2-C2	3	C	28			AS						
	English for Masters Students of Science II B2-C2	3	C	28			SS						
<b>Geography at the University of Fribourg</b>													
Non selected courses from the specialization modules (Ia and IIb)													
<b>Others</b>													
Courses can also be chosen from other departments of the Faculty of Science and Medicine, from other faculties of the University of Fribourg as well as from other universities in Switzerland or abroad, with the consent of the supervisor of the Master thesis (list to be done at the latest during the Master preliminary).													
<b>IV. Master Thesis Module (MT) - This entire module (60 ECTS) corresponds to the Validation Package 2</b>													
SGG.00410	Master thesis seminar (preliminary)	2	S	14	Presentation					All		C. Bichsel	
SGG.00503	Master thesis (incl. final public presentation)	58	P			Thesis		Monday	15-17	All	Aud. 026	E. Pohl	
<b>Total</b>		<b>60</b>											

3 Validation Packages: VP1a = CM + compulsory of DGG/NSP (30 ECTS), VP1b = electives of DGG/NSP + SC (min. 30 ECTS), VP2 = MT (60 ECTS)

As the DGG/NSP modules offer optional TU, their ECTS volume can vary. Therefore, the SC module acts as a buffer to match a total amount of credits being equal or overpassing 120 ECTS.