

Course Programme for the Master in Geography (120 ECTS) - 2021/22 - 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
I. Common Module (CM) - The entire module belongs to the Validation Package 1a													
SGG.00409	Models, modelling and representations	3	C	28		Present. + Project	AS	Mon	10-12	CB, MH, NS, LS	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		CH, OG		O. Graefe	
SGG.00425	Data and methods for environmental analysis	3	C	28		Project	AS	Block		NS, EP	236	N. Salzmänn	
SGG.00512	Geocolloquium	3	C	28	Participation		AS/SS	Tue/Mon	16-18/11-12	All	PER 002/Aud. 026	E. Pohl/nn	in principle, 3 semesters of participation
Total		15				(with marks : 12 ECTS)							
Ila. 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													
<i>Compulsory courses</i>													
SGG.00444	Alpine cryosphere	3	C	28		Oral / 15 min.	AS	Tue	14-16	MH, CH, HM, NS	006	M. Hoelzle	
SGG.00445	Mountain geomorphology	3	C	28		Oral / 15 min.	SS	Block		RD	006/223/236	R. Delaloye	
SGG.00448	Modelling of glaciers and permafrost	3	C + P	28		Project	SS	Block		MH, CH, MHu	236	nn	dates not yet decided
SGG.00441	Applied geophysical methods	3	C + P	30	Exercises		SS	Block		CH, SM		C. Hauck	field course
SGG.00443	Project in cryosphere and geomorphology	3	P			Project	AS/SS			RD, MH, CH, NS, HM, LB, ...		R. Delaloye	to be achieved before the 4th sem.
Total		15											
<i>Elective courses</i>													
SGG.00451-52	Seminar in geomorphology *	2	S	28	Presentation		AS	Thu	8-10/15-17	RD	223	R. Delaloye	2nd half of semester
SGG.00449-50	Seminar in climatology and glaciology *	2	S	28	Presentation		SS	Tue	15-17	AT	223	C. Hauck	
SGG.00453-54	Field course in physical geography *	5	T	40		Project	SS	Block		RD (tbc)		R. Delaloye (tbc)	to be confirmed
* Could be validated up to two times													
Ila. 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													
<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 & ethics	3	S	28		Project	SS	Thu	13-15	MF	223	M. Fautras	
SGG.00471	New approaches in human geography	3	S	28		Project	SS	Wed	13-15	JB	---	J. Bluwstein	every 2 years : not in SS2022
SGG.00477	Political ecology	3	S	28		Project	SS	Tue	13-15	JB	223	O. Graefe	
SGG.00485	Environmental History	3	P	28		Project	SS	Tue	10-12	KD	223	C. Bichsel	
Total		15											
<i>Elective courses</i>													
SGG.00486	Advanced social research methods	3	C + P	28	Exercises		AS	Tue **	9-12	JB	223	J. Bluwstein	** : every 2 weeks
SGG.00480-81	Field course in human geography *	5	T	40		Project	SS	Block		CB, JB		C. Bichsel	to be confirmed
SGG.00487	Issues in environmental ethics	3	P	28		Project	AS	Wed	15-17	DR, OG	223	O. Graefe	every 2 years : not in AS2021
* Could be validated up to two times													
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 Ila or I Ib													
<i>Elective supporting courses (suggestions only)</i>													
English													
	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						
Geography at the University of Fribourg													
Non selected courses from the specialization modules (Ila and I Ib)													
Others													
Courses from any department of the Faculty of Sciences, from other faculties of the University of Fribourg, from other universities in Switzerland or abroad, with the consent of the supervisor of the Master thesis													
IV. Master Thesis Module (MT) - This entire module (60 ECTS) corresponds to the Validation Package 2													
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	C. Bichsel	
Total		60											

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.