

CURRICULUM
Field of study: **Geography**
Undergraduate/ Bachelor
STUDY PROGRAMME: HYDROLOGY AND METEOROLOGY
Year of study: **I (2019 – 2020)**
TYPE OF PROGRAMME – FULL TIME

N o.	DISCIPLINE TITLE		DISCIPLINE STATUS		HOURS						CREDITS			TYPE OF ASSESSMENT		
					1 st semester			2 nd semester			1 st semester	2 nd semester	Total	1 st semester	2 nd semester	
A. Core disciplines				I	II	C	S	L	C	S	L					
1 st SEMESTER		2 nd SEMESTER														
1.	Topography	Cartography	Com	Com	1	-	2	2	-	2	3	4	7	C	E	
2.	General Physical Geography	General Human Geography	Com	Com	2	-	1	1	-	1	4	2	6	E	C	
3.	Meteorology	Climatology	Com	Com	2	-	2	2	-	2	5	5	10	E	E	
4.	Hydrology (general and underground waters)	Hydrology (Potamology and Limnology)	Com	Com	2	-	2	1	-	2	5	4	9	E	E	
5.	Economic Geography		Com	-	2	-	1	-	-	-	3	-	3	C	-	
6.	Oceanography*		Op	-	2	-	1	-	-	-	4	-	4	E	-	
	Geography of Seas and Oceans*		Op	-	2	-	1	-	-	-	4	-	4	E	-	
7.		Geography of Industrial Activities*	-	Op	-	-	-	2	-	1	-	3	3	-	C	
		Geography of Natural Resources*	-	Op	-	-	-	2	-	1	-	3	3	-	C	
B. Specific disciplines																
1 st SEMESTER		2 nd SEMESTER														
1.	Measurements and Calculations in Meteorology*	Measurements and Calculations in Hydrology	Op	Com	1	-	1	1	-	1	2	2	4	V	V	
2.	Ethics and Academic Integrity*	Geography of the Black Sea	Op	Com	1	-	1	1	-	1	2	2	4	V	E	
C. Complementary disciplines																
1 st SEMESTER		2 nd SEMESTER														
1.	Introduction to GIS	Remote Sensing	Com	Com	-	-	1	2	-	2	1	4	5	V	C	

2.	General Geology		Com	-	2	-	1	-	-	-	3	-	3	C	-
3.		GIS*	-	Op	-	-	-	-	-	2	-	2	2	-	V
		Digital Cartography *	-	Op	-	-	-	-	-	2	-	2	2	-	V
4.		Geology of Romania	-	EL	-	-	-	2	-	1	-	3	3	-	C
5.	Foreign Language	Foreign Language	EL	EL	-	-	2	-	-	2	2	2	4	C	C
6.	Physical Education	Physical Education	EL	EL	-	-	2	-	-	2	-	2	2	-	V
7.	Applied Activities **	Applied Activities **	EL	EL	-	-	2	-	-	2	2	2	4	C	C
D. Fieldwork – 1week (5 working days* 8 hours + 2 hours assessment = 42 hours) – 2 nd semester			-	Com	-	-	-	-	-	3	-	2	2	-	C
TOTAL NUMBER OF HOURS, CREDITS, ASSESSMENT					14		12	12		14	30	30	60	4E, 3C, 2V	4E, 4C, 2V
<p>*One discipline out of the two suggested **Possible to be thought as a module Type of hours: C – course, S- seminar, L – practical work/laboratory Discipline status: Com - Compulsory; Op - Optional; EL – Elective Type of assessment: C – colloquy E – exam; V – test</p>															

RECTOR,
Prof. univ. dr. Mircea DUMITRU

DEAN,
Prof. univ. dr. Laura COMĂNESCU

University of Bucharest
Faculty of Geography

CURRICULUM
Field of study: **Geography**
Undergraduate/ Bachelor
STUDY PROGRAMME: HYDROLOGY AND METEOROLOGY
Year of study: **II (2019 – 2020)**
TYPE OF PROGRAMME – FULL TIME

No.	DISCIPLINE TITLE		DISCIPLINE STATUS		HOURS						CREDITS			TYPE OF ASSESSMENT		
					1 st semester			2 nd semester			1 st semester	2 nd semester	Total	1 st semester	2 nd semester	
1 st SEMESTER			2 nd SEMESTER			I	II	C	S	L	C	S	L			
A. Core disciplines																
1.	Geomorphology (morphosculptural)	Geomorphology (climatic and fluvial)	Com	Com	2	-	2	2	-	2	4	3	7	E	C	
2.	Geography of Soils	-	Com	-	2	-	2	-	-	-	4	-	4	C	-	
3.		Biogeography		Com	-	-	-	2	-	2	-	4	4	-	E	

4.	Population Geography		Com	-	2	1	-	-	-	-	3	-	3	C		
5.	Geography of Human Settlements*		-	Op	-	-	-	1	1	-	-	2	2	-	V	
	Geography of the Human Habitat*		-	Op	-	-	-	1	1	-	-	2	2	-	V	
B. Specific disciplines																
1st SEMESTER		2nd SEMESTER														
1	Topoclimatology	Agroclimatology	Com	Com	2	-	2	2	-	2	5	4	9	E	E	
2	Atmospheric and Climatic risk Phenomena	Hydric Risk Phenomena	Com	Com	2	-	1	2	-	1	4	3	7	V	V	
3	Hydrometry and Databases	Biometeorology	Com	Com	2	-	2	2	-	2	5	4	9	E	E	
4	Geography of Europe*		-	Op	-	-	-	1	-	1	-	2	2	-	C	
	European Geographical Regions*		-	Op	-	--		1	-	1	-	2	2	-	C	
C. Complementary disciplines																
1st SEMESTER		2nd SEMESTER														
1	Geography of Marine Energy Resources	Hydrological Forecasting	Com	Com	2	2		2	-	2	5	4	9	C	E	
2	Foreign Language	Foreign Language	EL	-	-	-	2	-	-	2	2	2	4	C	C	
3	Physical Education	Physical Education	EL	EL	-	-	2	-	-	2	-	2	2	-	V	
4		Hydrogeology	-	EL	-	-		2	-	1	-	3	3	-	V	
5	Applied Activities**	Applied Activities**	EL	EL	-	-	2	-	-	2	2	2	4	C	C	
D. Fieldwork – 2 weeks (10 working days * 8 hours + 4 hours assessment = 84 hours) – 2nd semester			-	Com	-	-	-	-	-	6	-	4	4	-	C	
TOTAL NUMBER OF HOURS, CREDITS, ASSESSMENT					14	3	9	14	1	12	30	30	60	3E, 3C, 1V	4E, 3C, 2V	
*One discipline out of the two suggested **Possible to be thought as a module Type of hours: C – course, S- seminar, L – practical work/laboratory Discipline status: Com - Compulsory; Op - Optional; EL – Elective; Type of assessment: C – colloquy E – exam; V – test																

RECTOR,
Prof. univ. dr. Mircea DUMITRU

DEAN,
Prof. univ. dr. Laura COMĂNESCU

CURRICULUM
 Field: **Geography**
 Bachelor's Degree Academic Program: **HYDROLOGY AND METEOROLOGY**
 Learning system: **full-time studies**
 Year of studies: **III 2019-2020**

No:	DISCIPLINE TITLE		DISCIPLINE STATUS		HOURS						CREDITS			TYPE OF ASSESSMENT	
					1 st semester			2 nd semester			1 st semester	2 nd semester	Total	1 st semester	2 nd semester
A. Core disciplines															
1 st SEMESTER			2 nd SEMESTER												
1.	Physical Geography of Romania (morpho-structure and relief)	Physical Geography of Romania (climate, waters, vegetation, soils)	Com	Com	2	1	-	2	1	-	3	3	6	E	E
2.	Human Geography of Romania	Economic Geography of Romania	Com	Com	2	1	-	2	1	-	3	3	6	C	C
3.	Environmental Geography		Com	-	2	2	-	-	-	-	4	-	4	E	-

B. Specific disciplines															
1 st SEMESTER			2 nd SEMESTER												
1	Synoptic Meteorology	Meteorology Forecasting	Com	Com	2	-	2	1	-	1	5	2	7	E	E
2	Water Management	Water Quality	Com	Com	2	-	2	1	-	1	5	2	7	E	E
3	Urban Climatology	Urban Hydrology	Com	Com	2	-	1	2	-	1	4	3	7	C	E
4	Regional Geography of Romania (Carpathians and Sub-Carpathians)	Regional Geography of Romania (Hills, Plateaus and Plains)	Com	Com	1	1	-	1	1	-	2	2	4	C	C
5		Geography of Outer-European continents*	-	Op	-	-	-	2	1	-	-	3	3	-	C
		Outer-European Geographical Regions*	-	Op	-	-	-	2	1	-	-	3	3	-	C
6	River dynamics		El	-	1	-	1	-	-	-	2	-	2	V	-

C. Complementary disciplines															
1 st SEMESTER			2 nd SEMESTER												
1	The Atmosphere and Air Quality	Hydrobiology	Com	Com	1	2	-	1	-	1	4	2	6	C	V

2		Environmental Protection in Romania	-	Com	-	-	-	1	1	-	-	2	2	-	C
3		Extreme Climates	-	EL	-	-	-	1	-	1	-	2	2	-	V
D. Bachelor paper preparation fieldwork (5 working days*8 hours = 40 hours) - 2 nd semester			-	Com	-	-	-	-	-	4	-	8	8	-	V
TOTAL NUMBER OF HOURS, CREDITS, ASSESSMENT					14	7	5	13	5	4	30	30	60	4E, 4C	4E, 4C, 2V
<p>*One discipline out of the two suggested</p> <p>**Possible to be thought as a module</p> <p>Type of hours: C – course, S- seminar, L – practical work/laboratory</p> <p>Discipline status: Com - Compulsory; Op - Optional; EL – Elective; Type of assessment: C – colloquy E – exam; V – test</p>															

RECTOR,
Prof. univ. dr. Mircea DUMITRU

DEAN,
Prof. univ. dr. Laura COMĂNESCU