

Table. Schedule of subjects by semester and year of study course for the first level of study

	Code	Name of subjects	S	Type	The status of subjects	Peak hours (Active hours of study)			Rest hours	ESPB
						L*	E*	OFT*		
FIRST YEAR										
1.	GHG01	Mathematics 1	1	AO**	compulsory	3	2	0	0	6
2.	GHG02	Chemistry	1	AO**	compulsory	3	3	0	0	7
3.	GHG03	Physics 1	1	AO**	compulsory	3	3	0	0	7
4.	GHG04	General geology	1	AO**	compulsory	2	2	0	0	6
5.	GHG05	English 1	1	AO**	compulsory	1	1	0	0	2
6.	GHG06	Field study from general geology	1	SA**	compulsory	1	0	0	2	2
7.	GHG07	Mineralogy	2	TM**	compulsory	2	2	0	0	5
8.	GHG08	Mathematics 2	2	AO**	compulsory	3	2	0	0	6
9.	GHG09	General hydrology	2	NS**	compulsory	2	3	0	0	7
10.	GHG10	General Ecohydrogeology	2	TM**	compulsory	3	2	0	0	6
11.	GHG11	English 2	2	AO**	compulsory	2	1	0	0	4
12.	IB1	Optional courses 1	2	AO**	optional	2	0	0	0	2
Total hours of active studying on year = 50										60
SECOND YEAR										
13.	GHG14	History of geology	3	NS**	compulsory	3	2	0	0	6
14.	GHG15	Petrology	3	TM**	compulsory	3	2	0	0	6
15.	GHG16	General Hydrogeology	3	TM**	compulsory	2	2	0	0	6
16.	GHG17	Structural geology	3	SA**	compulsory	2	3	0	0	6
17.	IB2	Optional courses 2	3	TM**	optional	2	2	0	0	5
18.	GHG20	Geomorphology	4	TM**	compulsory	2	2	0	0	5
19.	GHG21	Hydraulics of groundwater	4	TM**	compulsory	3	2	0	0	6
20.	GHG22	Methods of hydrogeological research	4	TM**	compulsory	3	2	0	0	6
21.	GHG23	Hydrochemistry	4	NS**	compulsory	3	2	0	0	7
22.	IB3	Field study - Optional courses 3	4	SA**	optional	0	2	0	2	7
Total hours of active studying on year = 46										60
THIRD YEAR										
23.	GHG26	Hydraulic of wells	5	TM**	compulsory	2	3	0	0	7
24.	GHG27	Hydrogeological Drilling	5	SA**	compulsory	2	2	0	0	6
25.	GHG28	Groundwater Supply	5	NS**	compulsory	2	2	0	0	5
26.	GHG29	Mineral water	5	NS**	compulsory	2	2	0	0	5
27.	IB4	Optional courses 4	5	NS**	optional	2	2	0	0	5
28.	GHG32	Hydrogeological mapping	6	NS**	compulsory	2	3	0	0	7
29.	GHG33	Field study – hydrogeological	6	SA**	compulsory	0	3	0	2	4

		mapping								
30.	GHG34	Design of Water Wells	6	NS**	compulsory	3	2	0	0	6
31.	GHG35	Tapping of groundwater sources	6	NS**	compulsory	2	2	0	0	5
32.	GHG36	Groundwater protection	6	NS**	compulsory	2	2	0	0	5
33.	IB5	Optional courses 5	6	SA**	optional	2	2	0	0	5
Total hours of active studying on year = 48										60
FOURTH YEAR										
34.	GHG40	Groundwater modeling 1	7	SA**	compulsory	3	2	0	0	7
35.	GHG41	Designing in hydrogeology	7	SA**	compulsory	3	2	0	0	7
36.	GHG42	Geothermology	7	NS**	compulsory	2	2	0	0	5
37.	IB6	Optional courses 6	7	NS**	optional	2	2	0	0	5
38.	IB7	Optional courses 7	7	NS**	optional	2	2	0	0	5
39.	GHG47	GIS applications in geology in hydrogeology	8	SA**	compulsory	2	2	0	0	5
40.	GHG48	Regional hydrogeology	8	NS**	compulsory	2	2	0	0	5
41.	IB8	Field study – Optional courses 8	8	SA**	optional	1	4	0	2	7
42.	IB9	Professional Practice - Optional courses 9	8	SA**	optional	1	4	0	0	7
43.	GHG53	Final Work	8	-	compulsory					7
Total hours of active studying on year = 42										60
Total hours of active studying on all years = 186										
Total ESPB points										240

Table. Optional courses

	III	Name of subjects	S	Type	The status of subjects	Peak hours (Active hours of study)				ESPB
						L	E	OFT	RW	
Optional courses 1.										
1.	GHG12	Computing in Hydrogeology	2	AO**	optional	2	0	0	0	2

2.	GHG13	Historical Geology B	2	AO**	optional	2	0	0	0	2
Optional courses 2.										
3.	GHG18	Mathematics 3	3	TM**	optional	2	2	0	0	5
4.	GHG19	Geology and environmental protection	3	TM**	optional	2	2	0	0	5
Optional courses 3.										
5.	GHG24	Field study from group of subjects	4	SA**	optional	0	2	0	2	7
6.	GHG25	Field study from general hydrology	4	SA**	optional	0	2	0	2	7
Optional courses 4.										
7.	GHG30	Basics of Geophysics B	5	NS**	optional	2	2	0	0	5
8.	GHG31	Remote detection (Sensing)	5	NS**	optional	2	2	0	0	5
Optional courses 5.										
9.	GHG37	Fundamentals of Geophysical Well Logging	6	SA**	optional	2	2	0	0	5
10.	GHG38	Engineering Geology	6	SA**	optional	2	2	0	0	5
11.	GHG39	Geology of Serbia	6	SA**	optional	2	2	0	0	5
Optional courses 6.										
12.	GHG43	Hydrogeochemistry	7	NS**	optional	2	2	0	0	5
13.	GHG44	Mining hydrogeology	7	NS**	optional	2	2	0	0	5
Optional courses 7.										
15.	GHG30	Basics of Geophysics B	7	NS**	optional	2	2	0	0	5
16.	GHG31	Remote detection (Sensing)	7	NS**	optional	2	2	0	0	5
17.	GHG45	Research Methods of sedimentary rocks	7	NS**	optional	2	2	0	0	5
18.	GHG46	Quaternary Geology	7	NS**	optional	2	2	0	0	5
Optional courses 8.										
19.	GHG49	Field study- Regional hydrogeology	8	SA**	optional	1	4	0	2	7
20.	GHG50	Field study from group of subjects	8	SA**	optional	1	4	0	2	7
Optional courses 9.										
21.	GHG51	Professional Practice- exploitation of groundwater	8	SA**	optional	1	4	0	0	7
22.	GHG52	Professional -Practice groundwater protection	8	SA**	optional	1	4	0	0	7

*L- Lectures

*E- Exercise

*OFT- Other forms of teaching

** AO- academic general education courses

** TM- theoretical-methodological courses

** NS- scientific-professional courses

** SA- professional courses