

MSc *Environmental Engineering and Protection* study programme

Semester 1 (winter)

		Teaching hours			
Courses	ECTS	Lectures	Exercises /Seminars	Total	
1	Biological monitoring	2	15	15	30
2	Environmental impact assessment	2	10	10	20
3	Land resources protection and management	2	15	15	30
4	Environmental chemistry	2	15	15	30
5	Ecotoxicology	2	15	0	15
6	Technical infrastructure planning	4	30	30	60
7	Geographical Information Systems	4	15	30	45
8	Spatial planning	3	15	30	45
9	Statistics	3	15	15	30
10	Environmental protection of rural areas	2	15	15	30
11	Applied hydrology	2	15	15	30

12	Seminar	2	0	15	15
Total hours		30	175	205	380

Semester 2 (summer)

		Teaching hours			
Courses	ECTS	Lectures	Exercises /Seminars	Total	
1	Applied ecology	3	14	28	42
2	Climate change and its consequences	2	14	14	28
3	Soil environment	2	14	14	28
4	Wetland conservation	2	14	14	28
5	Nature conservation	2	14	14	28
6	Open channel flow	2	14	14	28
7	On-site wastewater treatment systems	3	14	28	42
8	Field trip (5 days)	4	0	50	50
9	Seminar and MSc Thesis	10	0	28	28
Total hours		30	98	204	302

Semester 3 (winter)

		Teaching hours			
Courses	ECTS	Lectures	Exercises /Seminars	Total	
1	Irrigation systems	2	15	15	30
2	Environmental biotechnology	3	30	15	45
3	Soil and water remediation	2	15	15	30
5	Freshwater ecosystems and their restoration	3	15	30	45
6	Seminar and MSc Thesis	20	0	30	30
Total hours		30	75	105	180