

Study programme: **Environmental Geosciences**

Type of study: **master degree programme**

Study form: **full time form of study**

Guarantor: **prof. RNDr. Michael Komárek, Ph.D.**

St. year: 1		2025/2026													
Code	Compulsory subjects	1st Semester winter						2nd Semester summer						Guarantee	
		Le	Pr	FE	ECTS	Cr	Ex	Le	Pr	FE	ECTS	Cr	Ex		
ZEX113E	Ecological Data Processing	2	2	-	6	cr	ex							Ing. Chajma, Ph.D. Mgr. Sládeček, Ph.D.	
ZOX113E	Environmental Geochemistry	2	-	-	5	cr	ex							prof. Komárek	
APZ03E	Environmental Soil Science	2	2	-	5	cr	ex							prof. Borůvka	
ZOX105E	Geology	2	2	-	5	cr	ex							RNDr. RNDr. Jehlička, CSc., Ph.D.	
ZOX102Z	Practical and Computational Chemistry	-	-	5	3	cr	-							Ing. Böserle Hudcová, Ph.D	
ZOX103Z	Seminar for EGS I	1	-	-	1	cr	-							doc. Vítková	
ZOX107E	Environmental Analytical Chemistry							2	2	-	6	cr	ex	prof. Chrastný	
ZOX106E	Environmental Hydrogeology							2	2	-	6	cr	ex	doc. Trakal	
ZOX104Z	Field Practice for EGS							-	-	10	6	cr	-	doc. Trakal	
ZOX105Z	Geology - Field Lecture							-	-	3	1	cr	-	RNDr. RNDr. Jehlička, CSc., Ph.D.	
ZOX108E	Paleoecology							1	-	-	3	cr	ex	prof. Frýda	
ZOX106Z	Seminar for EGS II							1	-	-	1	cr	-	doc. Vítková	
ZUX112E	Wetlands Cons. and Management							2	1	1	5	cr	ex	doc. Chen	
ZXX107Z	Diploma Thesis Assignment							-	-	-	0	cr	-	Supervisor	
	Elective subject (6 ECTS)										6				
Σ		9	6	5	25	6	4	8	5	14	34	6	4	59	

Le = lecture

Pr = practical lecture

FE = field excursions (days)

ECTS = credits

Study programme: **Environmental Geosciences**

Type of study: **master degree programme**

Study form: **full time form of study**

Guarantor: **prof. RNDr. Michael Komárek, Ph.D.**

St. year: 1	2025/2026														
Code	Elective subjects	1st Semester winter						2nd Semester summer						Guarantee	
		Le	Pr	FE	ECTS	Cr	Ex	Le	Pr	FE	ECTS	Cr	Ex		
The student is obliged to choose one Elective course I during the second semestr of the study.															
ZVX111E	Groundwater Hydraulics							2	1	-	6	cr	ex	prof. Pech	
ZUX110E	Water Resources Protection							2	2	1	6	cr	ex	prof. Komínková	

Study programme: **Environmental Geosciences**

Type of study: **master degree programme**

Study form: **full time form of study**

Guarantor: **prof. RNDr. Michael Komárek, Ph.D.**

St. year: 2		2025/2026													
Code	Compulsory subjects	3rd Semester winter						4th Semester summer						Guarantee	
		Le	Pr	FE	ECTS	Cr	Ex	Le	Pr	FE	ECTS	Cr	Ex		
ZVX145E	Air Pollution	2	2	-	6	cr	ex							Mgr. Martínková, Ph.D.	
ZUX114E	Drinking Water and Waste Water Treatment	2	2	-	5	cr	ex							prof. Komínková	
ZOX110E	Environmental Soil Chemistry	2	2	-	6	cr	ex							prof. Komárek	
ZBX110E	Land Management	2	2	-	6	cr	ex							doc. Janečková	
ZOX107Z	Seminar for EGS III	1	-	-	1	cr	-							doc. Trakal	
ZOX108Z	Workshop for EGS I	-	-	5	1	cr	-							Ing. Böserle Hudcová, Ph.D	
ZOX111E	Environmental Contamination and Remediation Technology							2	1	-	5	cr	Ex	prof. Komárek RNDr. Jankovský	
ZOX112E	Waste Geochemistry and Management							2	2	-	6	cr	ex	doc. Vítková	
ZXX116Z	Diploma Thesis WS	-	-	-	5	cr	-							Supervisor	
ZXX130Z	Diploma Thesis SS							-	-	-	15	cr	-	Supervisor	
	Elective subject (5 ECTS)										5				
Σ		9	8	5	30	7	4	4	3	0	31	3	2	61	

Le = lecture

Pr = practical lecture

FE = field excursions (days)

ECTS = credits

