

Study programme: **Environmental Geosciences - magisterský (PS)**  
 Guarantor: **prof. RNDr. Michael Komárek, Ph.D.**

St. year: 1		2019/2020													
Code	Compulsory subjects	Winter semester						Summer semester						Guarantee	
		Le	Pr	FE	ECTS	Cr	Ex	Le	Pr	FE	ECTS	Cr	Ex		
ZEX113E	Ecological Data Processing	2	2	-	6	cr	ex								prof. Šálek
ZOX104E	Environmental Geochemistry and Mineralogy	2	0	-	5	cr	ex								prof. Komárek
APZ03E	Environmental Soil Science	2	2	-	5	cr	ex								prof. Borůvka
ZOX105E	Geology	2	2	-	5	cr	ex								RNDr. Jetmar, Ph.D.
ZVX102Z	Introduction to Environmental Modelling	0	0	3	1	cr	-								Ing. Pavlásek, Ph.D.
ZOX102Z	Practical and Computational Chemistry	0	0	5	3	cr	-								prof. Chrástný Ing. Šillerová, Ph.D.
ZOX103Z	Seminar for EGS I.	1	0	-	1	cr	-								Mgr. Vítková, Ph.D.
	Elective I										6				
ZXX107Z	Diploma Paper Assignemnt							0	0	-	0	cr	-		Supervisor
ZOX107E	Environmental Analytical Chemistry							2	2	-	6	cr	ex		prof. Chrástný
ZOX106E	Environmental Hydrogeology							2	2	-	6	cr	Ex		doc. Trakal
ZOX104Z	Field Practice for EGS							-	-	10	6	cr	-		doc. Trakal
ZOX105Z	Geology - Field Lecture							0	0	3	1	cr	-		RNDr. Jetmar, Ph.D.
ZOX108E	Palaeoecology							1	0	-	3	cr	ex		prof. Frýda
ZOX106Z	Seminar for EGS II.							1	0	-	1	cr	-		Mgr. Vítková, Ph.D.
ZVX110E	Transport of contaminants in Porous Environment							2	1	-	5	cr	ex		doc. Kuráž
<b>Σ</b>		<b>9</b>	<b>6</b>	<b>8</b>	<b>26</b>	<b>7</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>13</b>	<b>34</b>	<b>6</b>	<b>3</b>		<b>60</b>

Le = lecture

Pr = practical lecture

FE = field excursions (days)

ECTS = credits

If the student has not studied the course ZEX03E Statistika, he/she must sign up for ZEX15E Environmental Data Collection and Processing.

#### Elective I

**The student must choose one Elective course I during the second semester of the study.**

ZVX10E	Grounwater Hydraulics							2	1	-	6	cr	ex		prof. Pech
ZUZ04E	Water Resources Protection							2	1	-	6	cr	ex		prof. Komínková

Obor: KKOV 1201T021 Environmental Geosciences - magisterský (PS)  
Guarantor: prof. RNDr. Michael Komárek, Ph.D.

St. year: 2		2019/2020													
Code	Compulsory subjects	Winter semester						Summer semester						Guarantee	
		Le	Pr	FE	ECTS	Cr	Ex	Le	Pr	FE	ECTS	Cr	Ex		
ZVX18E	Air Pollution	2	2	-	6	cr	ex								Mgr. Martínková, Ph.D.
ZUX06E	Drinking Water and Waste Water Treatment	2	2	1	5	cr	ex								prof. Komínková
ZOX08E	Environmental Soil Chemistry	2	2	-	6	cr	Ex								prof. Komárek
ZBX11E	Land Management	2	2	1	6	cr	ex								prof. Sklenička, CSc. Ing. Janovská, Ph.D.
ZVX07E	Physical - Chemical Aspects of Processes in Environmental	2	0	-	5	cr	ex								doc. Vach
ZOX06Z	Seminar for EGS III.	1	0	-	1	cr	-								doc. Trakal
ZOX07Z	Workshop for EGS I.	0	0	5	1	cr	-								prof. Chrastný
ZOX07E	Environmental Contamination and Remediation Technology							2	1	-	5	cr	Ex		prof. Komárek RNDr. Jankovský
ZOX09E	Waste Geochemistry and Management							2	2	-	6	cr	ex		Mgr. Vítková, Ph.D.
ZXX05Z	Diploma Paper	-	-	-	6	cr	-								Supervisor
ZXX30Z	Diploma Paper							-	-	-	13	cr	-		Supervisor
<b>Σ</b>		<b>11</b>	<b>8</b>	<b>7</b>	<b>36</b>	<b>8</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>24</b>	<b>3</b>	<b>2</b>		<b>60</b>

Le = lecture

Pr = practical lecture

FE = field excursions (days)

ECTS = credits