

Study programme: **Environmental Engineering**

Type of study: **Bachelor study program**

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

Guarantor: **doc. Ing. Kristina Janečková, 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		
ZEX108E	Fundamentals of Biology	2	0	-	6	cr	ex								prof. Mandák
ZOX102E	Geology	2	2	-	6	cr	ex								RNDr. Jetmar
RTX16Z	Physical Training	0	1	-	1	cr	-								PaedDr. Vavrla
ZXX103Z	Seminar I	1	0	-	2	cr	-								doc. Kumble
ZEX109E	Zoology	2	2	-	6	cr	ex								doc. Růžička
ZEX110E	Botany							2	2	-	6	cr	ex		doc. Kocourková
ZOX103E	Environmental Chemistry							2	2	-	6	cr	ex		prof. Chrastný
ZEX111E	Fundamentals of Ecology							2	1	-	6	cr	ex		prof. Šálek
ZUX105E	Landscape Ecology							2	2	-	6	cr	ex		doc. Skaloš
TAZ37E	Mathematics							2	2	-	6	cr	ex		doc. Gurka
RTX17Z	Physical Training							0	1	-	1	cr	-		PaedDr. Vavrla
APZ01E	Soil Science							2	2	-	6	cr	ex		prof. Borůvka
ZUX102Z	Workshop 1 - Global Environmental Issues							1	0	-	2	cr	-		Ing. Zdražil, Ph.D.
Σ		7	5	0	21	5	3	13	12	0	39	8	6		60

Le = lecture

Pr = practical lecture

FE = field excursions (days)

ECTS = credits

Cr = credit

Ex = exam

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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		
ZVX107E	Air Pollution	2	2	-	6	cr	ex								Mgr. Waldhauserová, Ph.D.
ZEX112E	Environmental Data Collection and Processing	2	2	-	6	cr	ex								prof. Šálek
ZGX117E	GIS I	2	2	-	6	cr	ex								Ing. Moudrý, Ph.D.
ZUX103E	Hydrochemistry	2	2	-	6	cr	ex								prof. Komínková
ZVX108E	Hydrology	2	2	-	6	cr	ex								doc. Máca
ZXX104Z	Seminar II.	1	0	-	2	cr	-								doc. Kumble
ZUX104E	Ecotoxicology							2	2	-	6	cr	ex		Ing. Wimmerová, MSc.
ZBX101E	Landscape Architecture							2	2	-	6	cr	ex		doc. Kumble
ZXX105Z	Seminar III							1	0	-	2	cr	-		doc. Skaloš
ZUX106E	Waste Management							2	1	-	6	cr	ex		Ing. Hnátková, Ph.D.
ZBX102E	Water Resources Engineering							2	2	-	6	cr	ex		Ing. Kalibová, Ph.D., Dr. Ing. Kravka, Ing. Sucharda
ZBX101Z	Workshop 2 - Renewable Resources							1	0	-	2	cr	-		prof. Sklenička
Σ		11	10	0	32	6	5	10	7	0	28	6	4		60

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St. year: 3		2019/2020													
Code	Compulsory subjects	Winter semester						Summer semester						Guarantee	
		Le	Pr	FE	ECTS	Cr	Ex	Le	Pr	FE	ECTS	Cr	Ex		
ZUX107E	Environmental Assessment	2	1	-	5	cr	ex								Ing. Keken, Ph.D.
ZVX109E	Global Change and Water Resources	2	1	-	5	cr	ex								doc. Hanel
ZBX103E	Land Management I.	2	2	-	6	cr	ex								doc. Janečková
ZBX104E	Ecological Restoration and Engineering							2	1	-	5	cr	ex		Mgr. Walmsley, Ph.D.
ZXX106Z	Thesis							-	-	-	30	cr	-		Supervisor
	Optional Subjects - Group 1	-	-	-	5	cr	-								
	Optional Subjects - Group 2							-	-	-	5	cr	ex		
Σ		6	4	0	21	3	3	2	1	0	40	3	2		61

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Optional Subjects - Group 1

The student must take one core optional course Type 1 during the third years of the study.

LKX01Z	CAD	0	3	-	5	cr	-								doc. Böhm
ZEX103Z	Laboratory Methods	0	3	-	5	cr	-								doc. Kocourková

Optional Subjects - Group 2

The student must take one core optional course Type 2 during the third years of the study.

ZEX103E	Nature Conservation							2	1	-	5	cr	ex		doc. Vojar
ZBX105E	Planning for Ecotourism							2	1	-	5	cr	ex		doc. Kumble
ZBX106E	Spatial Planning							2	1	-	5	cr	ex		doc. Kumble