

## The curriculum of full-time and external Master degree program ENVIRONMENTALISTICS

Study field: **4.3.1. – Landscape protection and utilization**

Study program: **ENm09/xENm09 - Environmentalistics**

Guarantee: **prof. Ing. Zdenka Rózová, CSc.**

### Part of the study

#### Compulsory courses

Code	Compulsory courses	ECTS credit	Range	Termination	Recommended year		Name of teacher
					study	term	
KEE/MKEP/09	Methods of Landscape Ecological Planning	5	2/2	E	1	W	Ing. R. Mišovičová, PhD.
KEE/EKKT/09	Aesthetics of the Landscape and Landscape Formation	5	2/0	E	1	W	Ing. E. Mikulová, PhD. (prof. Ing. Z. Rózová, CSc.)
KEE/ES1R/10	Environmental Systems I. (Recreational)	5	2/0	E	1	W	Ing. E. Mikulová, PhD.
KEE/ES2PL/10	Environmental Systems II. Seminatural (Forest)	5	2/0	E	1	W	RNDr. P. Petluš, PhD.
KEE/EEKC/09	Environmental Human Ecology	2	2/0	CC	1	W	Mgr. Z. Pucherová, PhD.
KEE/GISEN/09	Geographical Information Systems for Environmentalists	4	0/2	E	1	W	Mgr. I. Jakab, PhD.
KEE/DSE/11	Diploma Seminar	2	0/2	C	1	W	prof. RNDr. J. Hřeško, PhD. et al.
KEE/VUK/09	Vegetation Arrangement of the Landscape	5	2/2	E	1	S	Ing. E. Mikulová, PhD. (prof. Ing. Z. Rózová, CSc.)
KEE/ES3PP/10	Environmental Systems III. Seminatural (Agricultural)	5	2/0	E	1	S	Ing. V. Vanková, PhD.
KEE/ELP/11	Environmental Legislation in Practice	5	2/0	E	1	S	prof. RNDr. F. Petrovič, PhD.
KEE/ES4U/09	Environmental Systems IV. (Urbanized)	5	2/0	E	1	S	RNDr. P. Petluš, PhD.
KEE/BIP/09	Environmental Biodiversity	4	2/0	CC	1	S	doc. PaedDr. S. David, PhD.
KEE/SDP1/11	Diploma Thesis Seminar I	2	0/2	C	1	S	prof. RNDr. J. Hřeško, PhD. et al.
KEE/MTV/09	Methods of Field Research	2	0/2	C	1	S	Ing. V. Vanková, PhD., doc. Mgr. I. Baláž, PhD., Mgr. I. Jakab, PhD., RNDr. P. Petluš, PhD., doc. RNDr. Z. Krumpálová, PhD.
KEE/EKHT	Ecological Aspects of	6	4/0	E	2	W	prof. RNDr. F.

URZ/09	Sustainable Earth Development						Petrovič, PhD.
KEE/AGISK EP/09	GIS Application in Landscape Ecological Practice	6	2/0	E	2	W	prof. RNDr. F. Petrovič, PhD.
KEE/ETI/09	Environmental Technologies and Engineering	6	4/0	E	2	W	Ing. E. Mikulová, PhD.
KEE/EPO/09	Environmental Politics	6	2/0	E	2	W	prof. RNDr. J. Hřeško, PhD. (Mgr. K. Bařová, PhD.)
KEE/SDP2/11	Diploma Thesis Seminar II	2	0/2	C	2	W	prof. RNDr. J. Hřeško, PhD. et al.
KEE/DPZ/09	Remote Sensing of the Earth	3	1/1	CC	2	S	Mgr. G. Bugár, PhD.
KEE/SZK/09	Conflicts of Interests in the Landscape	3	1/1	CC	2	S	prof. RNDr. F. Petrovič, PhD.
KEE/TPZP/09	Environmental Projects	6	1/1	E	2	S	prof. RNDr. J. Hřeško, PhD.
KEE/DPSEM/09	Diploma Thesis and Seminar	20	0/2	CC	2	S	prof. RNDr. J. Hřeško, PhD. et al.
	<b>Total number of credits</b>	<b>114</b>					

Code	Elective subjects	ECTS credit	Range	Termination	Recommended year		Name of teacher
					study	term	
<b>Elective subjects (1<sup>st</sup> year – min. 4 credits, 2<sup>nd</sup> year - min. 2 credits)</b>							
KEE/EEF/09	Environmental Ethics and Philosophy	2	2/0	C	1	W	Mgr. D. Kanásová, PhD. (prof. RNDr. J. Hřeško, PhD.)
KEE/EVCH/09	Environmental Education	2	1/1	C	1	W	Mgr. I. Jakob, PhD.
KEE/EKHVO/09	Ecology of Mountainous Areas	2	1/1	C	1	S	prof. RNDr. J. Hřeško, PhD.
KEE/PAGIS/11	Advanced GIS Analyses	2	0/2	C	1	S	Mgr. I. Jakob, PhD.
KEE/EG/09	Environmental Geology	2	1/1	C	2	W	RNDr. J. Jahn, PhD.
KEE/ROCP/09	Conversations about Man and Nature	2	2/0	C	2	W	prof. RNDr. M. Ružička, DrSc.
KEE/USES/09	Territorial System of Ecological Stability	2	1/1	C	2	W	RNDr. P. Petluš, PhD.
	<b>Total number of credits</b>	<b>14</b>					

#### State examination

Code	Subjects of state examination
KEE/SZSENmO/09	Diploma Thesis Defence
KEE/SZSENmEI/09	Environmental Engineering
KEE/SZSENmEM/09	Environmental management
KEE/SZSENmES/09	Environmental systems

E – examination, CC – continuous compounding, C – credit

## The curriculum of full-time and external doctoral program ENVIRONMENTALISTICS

Study field: **4.3.1. – Landscape Protection and Utilization**  
 Study program: **DSEN09/xDSEN09 - Environmentalistics**  
 Guarantee: **prof. RNDr. Juraj Hreško, CSc., prof. Ing. Zdenka Rózová, CSc.,  
 doc. PaedDr. Stanislav David, PhD.**

### Part of the study

#### Compulsory courses

Code	Compulsory courses	ECTS credit	Range	Termination	Recommended year of		
					study	term	
KEE/DSCj	Foreign Language	5	-/-/-	C	1-3	S	prof. RNDr. Juraj Hreško, PhD., prof. Ing. Zdenka Rózová, CSc.
KEE/DSEZE	Basics of Environmental Ecology	10	-/-/-	C	1-3	S	prof. RNDr. Juraj Hreško, PhD., prof. RNDr. Milan Ružička, DrSc.
	<b>Total number of credits</b>	<b>15</b>					

#### Elective subjects

Code	Elective subjects	ECTS credit	Range	Termination	Recommended year of		teacher's name
					study	term	
KEE/DSB	Biodiversity	5	-/-/-	C	1-3	S	doc. PaedDr. Stanislav David, PhD.
KEE/DSE BE	Ecosystems Ecology and Biodiversity	5	-/-/-	C	1-3	S	doc. PaedDr. Stanislav David, PhD., doc. Mgr. Ivan Baláž, PhD.
KEE/DSE M	Environmental Monitoring	5	-/-/-	C	1-3	S	doc. PaedDr. Stanislav David, PhD. Mgr. Zuzana Pucherová, PhD.,
KEE/DSE MI	Environmental Management and Engineering	5	-/-/-	C	1-3	S	prof. Ing. Zdenka Rózová, CSc.
KEE/DSE PL	Environmental Politics and Legislation	5	-/-/-	C	1-3	S	prof. RNDr. Juraj Hreško, PhD.
KEE/DSE PLA	Environmental Planning	5	-/-/-	C	1-3	S	prof. RNDr. Milan Ružička, DrSc., prof. Ing. Zdenka Rózová, CSc.
KEE/DSE SK	Environmental Landscape Systems	5	-/-/-	C	1-3	S	prof. Ing. Zdenka Rózová, CSc., Ing. Viera Vanková, PhD.
KEE/DSG ISE	GIS in Ecology and Environmental Science	5	-/-/-	C	1-3	S	prof. RNDr. František Petrovič, PhD.
KEE/DSK EP	Landscape Ecology and Planning	5	-/-/-	C	1-3	S	prof. RNDr. Milan Ružička, DrSc., Ing. Regína Mišovičová, PhD., prof. RNDr. Juraj Hreško, PhD.
KEE/DSO	Landscape Protection and	5	-/-/-	C	1-3	S	prof. RNDr. Juraj

VK	Landuse						Hreško, PhD.
KEE/DSP PZ	Natural Environment and Resources	5	-/-/-	C	1-3	S	prof. RNDr. Juraj Hreško, PhD.
KEE/DE VEE	General Ecology and Ecology of Ecosystems	5	-/-/-	C	1-3	S	doc. PaedDr. Stanislav David, PhD.
	<b>Total number of credits</b>	<b>60</b>			1-3		

### Optional courses

Code	Optional courses	ECTS credit	Range	Termination	Recommended year of		teacher's name
					study	term	
KEE/DSDS P	Study Stay in Resident Country	10	-/-/-	C	1-3	S	
KEE/DSPP D	Lectures for PhD. Students Attendance	5	-/-/-	C	1-3	S	
KEE/DSTU TP	Autorship of Study Materials and Tools, Information, Propagation or Education Materials	5	-/-/-	C	1-3	S	
KEE/DSVP	Bachelor Thesis Assasment	2	-/-/-	C	1-3	S	
KEE/DSVS VOC	ŠVOČ Thesis Promoting	5	-/-/-	C	1-3	S	
KEE/DSVZ P	Bachelor Thesis Promoting	7	-/-/-	C	1-3	S	
KEE/DSZS P	Study Stay in Foreign Country	15	-/-/-	C	1-3	S	
KEE/DSV PF	Optional course in other university schools	3	-/-/-	C	1-3	S	
KEE/DSK S	Completion of a course with a graduate certificate	3	-/-/-	C	1-3	S	
KEE/DSP V	Teaching (1hrs/week in one semester) - direct	3	-/-/-	C	1-3	S	
KEE/DSN V	Teaching 4hrs/week - indirect	3	-/-/-	C	1-3	S	
	<b>Total number of credits</b>	<b>61</b>					

### Scientific part

Block – Publication activity							
Code	Name	ECTS credit	Range	Termination	Recommended year of		teacher's name
					study	term	
KEE/DSK C	Article in Current Contends Publication	40	-/-/-	C	1-3	S	
KEE/DSN CIJ	Article in Non-current Contends Publication in Foreign Language	15	-/-/-	C	1-3	S	
KEE/DSN CSJ	Article in Non-current Publication in World Language	20	-/-/-	C	1-3	S	
KEE/DSN Z	Article in Non-reviewed Publication	5	-/-/-	C	1-3	S	
KEE/DSR Z	Article in Reviewed Publication	10	-/-/-	C	1-3	S	
KEE/DSP	Conference Poster	3	-/-/-	C	1-3	S	
KEE/DSA	Proceedings Abstract	2	-/-/-	C	1-3	S	

KEE/DSA S	Author or Co-Author of Chapters in Scientific Books and Monographs	5	-/-/-	C	1-3	S	
	<b>Total number of credits</b>						

#### Block – Response

Code	Name	ECTS credit	Range	Termination	Recommended year of		teacher's name
					study	term	
KEE/DSCDC	Citation in Scientific Publication in Resident Country	5	-/-/-	C	1-3	S	
KEE/DSCSCI	Citation Registered in SCI	40	-/-/-	C	1-3	S	
KEE/DSCZC	Citation in Scientific Publication in Foreign Country	10	-/-/-	C	1-3	S	
KEE/DSC KP	Citation in Scientific Books or Monographs	3	-/-/-	C	1-3	S	
KEE/DSCI	Other Citation	3	-/-/-	C	1-3	S	
	<b>Total number of credits</b>	<b>61</b>					

#### Block – Active presentation of results

Code	Name	ECTS credit	Range	Termination	Recommended year of		teacher's name
					study	term	
KEE/DSD K	Conference in Resident Country	5	-/-/-	C	1-3	S	
KEE/DSK MU	Conference with International Participation in Foreign Language	10	-/-/-	C	1-3	S	
KEE/DS MK	International Conference	20	-/-/-	C	1-3	S	
	<b>Total number of credits</b>	<b>35</b>					

#### Block – Projects

Code	Name	ECTS credit	Range	Termination	Recommended year of		teacher's name
					study	term	
KEE/DSP M	Co-worker in International Project	20	-/-/-	C	1-3	S	
KEE/DSP N	Co-worker in National Project (VEGA, KEGA, APVV, ...)	15	-/-/-	C	1-3	S	
KEE/DSP UKF	Leader of Grant UKF Project (GAM or CGA)	15	-/-/-	C	1-3	S	
	<b>Total number of credits</b>	<b>50</b>					

#### Block – Other activities

Code	Name	ECTS credit	Range	Termination	Recommended year of		teacher's name
					study	term	
KEE/DSO VKp	Member of Organizing Committee of the Conference	5	-/-/-	C	1-3	S	
KEE/DSP ATM	Patent with International Acceptance	40	-/-/-	C	1-3	S	
KEE/DSP ATN	Patent with National Acceptance	20	-/-/-	C	1-3	S	
	<b>Total number of credits</b>	<b>65</b>					

## Other activities

Block – Other work							
Code	Name	ECTS credit		Completion	Recommended year of		teacher's name
					study	term	
KEE/DS PPDZ	Writing a Project for Disertation Exam	30	-/-/-	C	1-3	S	
KEE/DS RP	Writing Doctorate Thesis	20	-/-/-	C	1-3	S	
KEE/DS DP	PhD Thesis Submission	30	-/-/-	CC	1-3	S	
	<b>Total number of credits</b>	<b>80</b>					

## State Examination

Block – State Examination		
Code	Name	
KEE/SZSDP	Written Work to the Thesis Defence	
KEE/SZSDD	Dissertation Thesis Defence	
KEE/SZSdEZE	Basics of Environmental Ecology	
KEE/SZSdOVK	Landscape Utilization and Protection	
KEE/SZSdKEP	Landscape Ecology and Planning	
KEE/SZSdEMI	Environmental Management and Engineering	
KEE/SZSdESK	Environmental Landscape Systems	

C – credit, CC – continuous compounding