

Green energy specialization

Head of profession: Dr. Biczó Imre

Weekly teaching hours (Lecture (L), Classroom (Cw), Laboratory work (Lw), Requirements, Credits (Cr))

Code	Subjects	weekly hours	credit	Semesters																												Required prelineary knowledge									
				1.				2.				3.				4.				5.				6.				7.													
				L	Cw	Lw	R	L	Cw	Lw	R	L	Cw	Lw	R	L	Cw	Lw	R	L	Cw	Lw	R	L	Cw	Lw	R	L	Cw	Lw	R										
Differentiated professional knowledge				29	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	0	9	4	1	0	4	3	0	0				
44.	RKWMF1ABNE	The source of renewable energies I. (The application of solar energy)	3	3																	2	1	0	e	3				2	1	0	e	4								RKXEL1EBNE
45.	RKWMF2ABNE	The source of renewable energies II. (The application of wind power)	3	4																																					
46.	RKWMF3ABNE	The source of renewable energies III. (Geothermal, water energy)	3	4																																					
47.	RKWMU1EBNE	Biomass production and recovery	3	5																									2	1	0	e	5								
48.	RKWAE1EBNE	Alternative energy usage in practice I. (System of energetics - transport and residential application)	4	6																									2	2	0	e	6								
49.	RKWAE2EBNE	Alternative energy usage in practice II. (System of energetics -Building energy)	4	6																									2	2	0	e	6								
50.	RKWSH1ABNE	Environmental simulations	2	2																					1	0	1	tm	2												
51.	RKWBH1ABNE	Basic biotechnology	2	3																									2	0	0	tm	3								
52.	RKWE1EBNE	Basic of energetics	3	4																	2	1	0	tm	4																RKXEL1EBNE
53.	RKEBT1EBNE	Occupational Safety and Health	2	3																	1	1	0	tm	3																
Optional subjects				10	10																	0	2	0	tm	2	0	8	0	tm	8										
54.		Optional subjects I.	2	2																	0	2	0	tm	2																
55.		Optional subjects II.	2	2																					0	2	0	tm	2												
56.		Optional subjects III.	2	2																					0	2	0	tm	2												
57.		Optional subjects VI.	2	2																					0	2	0	tm	2												
58.		Optional subjects V.	2	2																					0	2	0	tm	2												
RKDSZDEBNE				13	15																																	13	s	15	
Total:			179	210	15	5	6	31	11	8	5	29	11	9	5	27	12	7	11	34	16	10	4	34	10	13	1	30	4	3	13	25									
Fundamental	Total weekly teaching hours		179		25			24		25			30			30				30				24			20														
	Total experimental teaching hours		100		11			13		14			18			14				14				14			16														
	Ratio of experimental teaching hours (%)		56																																						
	Exam (e)						3						4			2				6				3			4				2										
	Term mark (tm)						5						3			7				4				9			6				0										
	Physical education I.		2	0					0	2	0	tm	0																												
Physical education II.		2	0									0	2	0	tm	0																									

Weekly teaching hours (Lecture (L), Classroom (Cw), Laboratory work (Lw), Requirements, Credits (Cr)

Code	Subjects	weekly hours	credit	Semesters																												Required prelinery knowledge																	
				1.					2.					3.					4.					5.					6.					7.															
				L	Cw	Lw	R	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw		R	Cr	L	Cw	Lw	R	Cr										
Differentiated professional knowledge				29	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	6	9	5	1	0	20	5	1	4	0	14									
44.	RMWIH1EBNE	Industrial raw material and waste	3	5																																													
45.	RTEFT1EBNE	Technologies of manufacturing technologies and environmental protection	3	5																																				2	1	0	tm	5					
46.	RMWQM1EBNE	Environmental quality management system	4	5																										2	2	0	e	5															
47.	RMWIM1EBNE	Integrated management systems	2	3																					2	0	0	tm	3																				
48.	RMWIH1ABNE	Informatics support of management systems	4	5																																									2	0	2	tm	5
49.	RMWDS1ABNE	Development of management systems I.	4	5																										2	2	0	e	5															
50.	RMWDS2ABNE	Development of management systems II.	3	4																															1	0	2	tm	4	RMWDS1ABNE									
51.	RKWSH1ABNE	Environmental simulations	2	2																										1	0	1	tm	2															
52.	RKEBT1EBNE	Occupational Safety and Health	2	3																					1	1	0	tm	3																				
53.	RKWBH1ABNE	Basic biotechnology	2	3																										2	0	0	tm	3															
Optional subjects				10	10																					0	2	0	tm	2	0	8	0	tm	8														
54.		Optional subjects I.	2	2																										0	2	0	tm	2															
55.		Optional subjects II.	2	2																										0	2	0	tm	2															
56.		Optional subjects III.	2	2																										0	2	0	tm	2															
57.		Optional subjects VI.	2	2																										0	2	0	tm	2															
58.		Optional subjects V.	2	2																										0	2	0	tm	2															
	RKDSZDEBNE	Thesis	13	15																																									13	s	15		
Total:				179	210	15	5	6	31	11	8	5	29	11	9	5	27	12	7	11	34	14	8	4	30	10	14	1	30	5	1	17	29																
quired Basic-Spec.	Total weekly teaching hours			179		26			24			25			30			26			25			23																									
	Total experimental teaching hours			101		11			13			14			18			12			15			18																									
	Ratio of experimental teaching hours (%)			56																																													
	Exam (e)						3			4			2			6			2					3													0												
	Term mark (tm)						5				3		7			4			9					7													3												
	Physical education I.			2	0				0	2	0	tm	0																																				
	Physical education II.			2	0								0	2	0	tm	0																																

Environmental Engineering programme
Environmental Public Administration specialization
Head of profession: Bodáné Dr. Kendrovics Rita

Weekly teaching hours (Lecture (L), Classroom (Cw), Laboratory work (Lw), Requirements, Credits (Cr))

Code	Subjects	weekly hours	credit	Semesters																												Required prelineary knowledge									
				1.				2.				3.				4.				5.				6.				7.													
				L	Cw	Lw	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw	R	Cr	L	Cw	Lw	R		Cr								
Differentiated professional knowledge				27	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	7	7	5	1	0	19	5	2	2	0	14					
44.	RKWTU1EBNE	Environmental aspects of settlement operation I	3	4																					2	1	0														
45.	RKWTU2EBNE	Environmental aspects of settlement operation II.	3	5																						2	1	0													
46.	RKWOG1EBNE	Environmental management knowledge	2	3																							1	1	0												
47.	RKWGT1EBNE	Community development	3	5																											1	2	0	tm							
48.	RMWQM1ABNE	Environmental quality management system	4	5																							2	2	0												
49.	RMWII1ABNE	Informatics support of management systems	4	5																											2	0	2	tm			5				
50.	RKWKA1EBNE	Disaster recovery	2	4																											2	0	0	tm			4				
51.	RKWSI1ABNE	Environmental simulations	2	2																						1	0	1	tm												
52.	RKWPA1EBNE	Proposal writing in theory and practice	2	4																						1	1	0	tm												
53.	RKEBT1EBNE	Occupational Safety and Health	2	3																1	1	0	tm	3																	
Optional subjects				10	10																					0	2	0	tm	2		0	8	0	tm	8	0	0	0	tm	0
54.		Optional subjects I.	2	2																					0	2	0	tm	2												
55.		Optional subjects II.	2	2																							0	2	0	tm	2										
56.		Optional subjects III.	2	2																							0	2	0	tm	2										
57.		Optional subjects VI.	2	2																							0	2	0	tm	2										
58.		Optional subjects V.	2	2																							0	2	0	tm	2										
	RKDSZEBNE	Thesis	13	15																																13	s	15			
Total		Total	177	210	15	5	6	31	11	8	5	29	11	9	5	27	12	7	11	34	14	9	4	31	8	14	1	29	5	2	15	15	29								
396req-Base/c-Spec	Total weekly teaching hours		177			26					24					25				30				27			23						22								
	Total experimental teaching hours		99			11					13					14					18				13			15						17							
	Ratio of experimental teaching hours (%)		56																																						
	Exam (e)						3					4				2					6				2			4									0				
	Term mark (tm)						5					3				7					4				9			6								3					
Physical education I.		2	0						0	2	0	tm	0			0	2	0	tm	0																					
Physical education II.		2	0																																						