

**Curriculum for Study Program Environmental Engineering,
School of Electrical and Computer Engineering of Applied Studies in Belgrade**

No.	Name of the subject	Semester	Lesson type	Subject status	Active teaching				Other	ECTS
					L	E	other	research		
First year										
1.	Mathematics for Engineers	1			3	3	0			7
2.	Electrical Engineering	1			3	3	0			7
3.	English	1			2	1	0			4
4.	German	1			2	1	0			4
5.	Physics	1			2	3	0			6
6.	Electrotechnical Materials and Components	1			2	3	0			6
7.	Basics of Management	1			2	3	0			6
8.	Basics of Electric Power Engineering	2			2	3	0			6
9.	Internet Services	2			2	3	0			6
10.	Mechanics	2			2	3	0			6
11.	Basics of Informatics and Computing	2			2	3	0			6
12.	Application Software	2			2	3	0			6
13.	Environmental Regulations	2			2	3	0			6
Total hours (lectures and exercises, , other types of classes) and credits per year					28	35	0			76
Total hours of active teaching per year					40*15=600					
Second year										
1.	Physical and Chemical processes in Recycling	3			3	0	2			6
2.	Business Plan	3			2	3	0			6
3.	Management in Ecology	3			2	3	0			6
4.	Management of Electronic and Electrical Waste	3			2	3	0			6
5.	New Energy Technologies	3			2	3	0			6
6.	Sustainable Development	3			2	3	0			6
7.	Measurements 1	4			2	2	1			6
8.	Protection from Ionizing and Non-Ionizing Radiation	4			2	3	0			6
9.	Modern Methods of Air Purification in Industry	4			2	3	0			6
10.	Discrete Mathematics	4			2	3	0			6
11.	Protection Against Noise and Vibration	4			2	3	0			6
12.	Energy Production from Waste	4			2	3	0			6
Total hours (lectures and exercises, other types of classes) and ECTS per year					25	32	3			72
Total hours of active teaching per year					40*15=600					

Third year									
1.	Project Management	5.	2+3+0		2	3	0		6
2.	Real-Time Management	5.	3+0+2		3	0	2		6
3.	Probability and Statistics	5.	2+3+0		2	3	0		6
4.	Database	5.	2+2+1		2	2	1		6
5.	Recycling Technologies	5.	3+2+0		3	2	0		6
6.	Internship	5.							4
7.	Systems for Sewage Treatment	6.	3+2+0		3	2	0		6
8.	Environmental Protection	6.	3+2+0		3	2	0		6
9.	Recycling Process Management	6.	3+2+0		3	2	0		6
10.	Environmental Monitoring	6.	3+2+0		3	2	0		6
11.	Renewable Energy	6.	3+2+0		3	2	0		6
12.	Final Work	6.							8
Total hours (lectures and exercises, other types of classes) and ECTS per year					27	20	3		72
Total hours of active teaching per year					40*15=600				
Total hours of active teaching, other classes and credits for all years of study					120*15=1800				120