

**Study Program Curriculum Environmental Protection Engineering Master Of Applied Science
The College of Applied Technical Science - Arandjelovac - CATAR**

No.	Name of the subject	Semester	Lesson type	Subject status	Active teaching				Other	ECTS
					L	E	other	research		
First year										
1	Methodology of applied research papers	1	ac ₁	o	2	2				6
2	Recycling and energy recovery from waste	1	pr ₂	o	3	3				8
3	Environmental protection engineering	1	pr	o	3	3				8
4	Waste logistics	1	ap ₃	o	2	2				7
5	Elective courses 1	2	ap	e	2	2				7
	1. Pharmaceutical and medical waste 2. Ecotourism and nature protection									
6	Waste and hazardous substances management	2	pr	o	3	3				7
7	Remediation of contaminated sites	2	ap	o	3	3				7
8	Renewable energy	2	ap	o	2	2				6
9	Professional master practice 1	2	ap	o					8	4
Total hours (lectures and exercises, , other types of classes) and credits per year					20	20	/	/	8	60
Total hours of active teaching per year					40*15=600					
Second year										
1	Energy efficiency	3	pr	o	3	3				7
2	Environmental risks and accidents	3	ap	o	3	3				7
3	Elective courses 2	3	ap	e	2	2				7
	1. Decision theory 2. Biodegradable waste									
4	Elective courses 3	3	pr	e	2	2				6
	1. Sustainable use of natural resources 2. Recycling art									
5	Economic viability of waste management	4	pr	o	2	2				5
6	Access research	4	ap	o				16		8
7	Professional master practice 2	4	ap	o					8	4
8	Master's thesis	4	ap	o						16
Total hours (lectures and exercises, other types of classes) and ECTS per year					12	12	/	16	8	60
Total hours of active teaching per year					40*15=600					
Total hours of active teaching, other classes and credits for all years of study					80*15=1200				16	120

1 academic and general education

2 professional, or artistically professional

3 applicable-in-practice