

**Study Program Curriculum Waste Management Master Of Applied Sciences
College of Applied Technical Sciences Nis**

No.	Name of the subject	Semester	Lesson type	Subject status	Active teaching				Other	ECTS
					L	E	other	research		
First year										
1.	Directives and standards in the environmental engineering	1			2	0	0			4
2.	Social ecology	1			2	1	0			5
3.	Recyclable materials	1			3	3	0			8
4.	Waste logistics	1			2	3	1			7
5.	Elective subjects of the first block	1			2	2	0			6
	Business English									
6.	Waste testing and characterization	2			2	2	0			6
7.	Project management	2			2	1	0			6
8.	Waste treatment technology	2			2	2	0			7
9.	Student internship 1	2			0	0	6			4
10.	Elective subjects of the second block	2			2	2	0			6
	Landfill design									
Total hours (lectures and exercises, , other types of classes) and credits per year					19	16	6			60
Total hours of active teaching per year					40*15=600					
Second year										
1.	Waste energetic potential	3			3	2	0			6
2.	Sensor technology	3			3	2	0			6
3.	Student internship 2	3			0	0	6			4
4.	Elective subjects of the third block	3			3	2	0			7
	Biodegradable waste management									
5.	Elective subjects of the fourth block	3			3	2	0			7
	Wastewater treatment technology									
6.	Data analysis and processing	4			3	2	0			6
7.	Waste management sustainability	4			3	2	0			6
8.	Applied research	4			0	0	15			8
9.	Master thesis	4			0	0	15			10
Total hours (lectures and exercises, other types of classes) and ECTS per year					18	12	36			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					120