

Table 5.1.b. Course schedule by semesters and years of study for **master academic studies:**  
**- ENVIRONMENTAL PROTECTION**

No	Code	Course name	S	Active learning classes				Other classes	ECTS	C/O	Type of course
				L	P	IRP	OTC				
<b>FIRST YEAR</b>											
1.	MZŽS-01	Research Methodology	1	2	2	0	0		5	C	TM
2.	MZŽS-02	Contemporary Instrumental Methods of Analysis	1	3	4	0	0		7	C	TM
3.	MZŽS-03	Foreign Language (English, French)	1	2	2	0	0		4	C	TM
<b>OPTIONAL COURSES 1</b>											
4. 5.	MZŽS-04	Managing Industrial Ecology	1	3	3	0	0		7	O - 1	PA
	MZŽS-05	Environmental Resource Development Strategies	1	3	3	0	0		7	O - 1	PA
	MZŽS-06	Innovations and Technologies	1	3	3	0	0		7	O - 1	TM
	MZŽS-07	Wastewater Process Design	1	3	3	0	0		7	O - 1	PA
Total class number (lectures+practice, OTC, other classes) and ECTS in the year				13	14	0					
<b>Total number of active classes in a year</b>				<b>27</b>							
<b>OPTIONAL COURSES 2</b>											
6. 7.	MZŽS-08	Monitoring of Environmental Risk Assessment	2	3	3	0	0		6	O - 2	PA
	MZŽS-09	Urban Ecology	2	3	3	0	0		6	O - 2	PA
	MZŽS-10	Energetics and Environmental Protection	2	3	3	0	0		6	O - 2	PA
	MZŽS-11	Managing Special Waste	2	3	3	0			6	O - 2	PA
8.	MZŽS-12	Environmental Protection System Design	2	3	4	0	0		7	C	PA
9.	MZŽS-13	Internship	2	0	0	0	0	6	3	C	PA
10.	MZŽS-14	Master Thesis – Research Paper	2	0	0	0	0	2	1	C	PA
11.	MZŽS-15	Master Thesis – preparing and defending paper	2	0	0	1	0	1	7	C	PA
Total class number (lectures+practice, OTC, IRP/ PRP, other classes) and ECTS in the year				9	10	1		9			
<b>Total number of active classes in a year</b>				<b>47</b>							
Total number of active classes, other classes and credits for all study years				<b>56</b>							<b>60</b>
<b>Note:</b> Optional courses 1 - a student chooses 2 out of 4 optional courses in the 1 <sup>st</sup> semester Optional courses 2 - a student chooses 2 out of 4 optional courses in the 2 <sup>nd</sup> semester											

S - semester  
L - lecture  
P - practice  
C - compulsory  
O - optional  
IRP - Independent research project  
OTC - other types of classes  
TM -Theoretical and methodological  
PA - Professional and applicable