

Table 5.1 A. List of courses per semester and year of Master Academic study programme: „Material and energy flows management“.

	Code	Course	S	Compulsory/ Elective	SWH				Other hours	ECTS
					L	T	SW	Lab		
First year 1st Semester										
1.	MEMO1	Ecosystem Management	1	C	3	2	-	-	-	6
2.	MEMO2	Industrial Material Flow Management	1	C	3	3	-	-	-	8
3.	MEMO3	Industrial Ecology and Zero Emission	1	C	3	2	-	-	-	6
4.	MEMO4	Engineering Principles of Sustainable Water and Energy Management	1	C	4	-	-	-	-	4
5.		Elective course 1	1	C	2	2	-	-	-	4
6.	MEMO5	Professional practice	1	C	-	-	-	-	-	2
Total contact hours 1 st Semester										24
Total ECTS 1 st Semester										30
First year 2nd Semester										
7.		Elective course 2	2	E	2	2	-	-	-	4
8.		Elective course 3	2	E	3	2	-	-	-	5
9.		Elective course 4	2	E	3	2	-	-	-	5
10.	MEMO6	Study research	2	C	-	-	10	-	-	6
11.	MEMO7	Final work preparation	2	C						10
Total contact hours 2 nd Semester										24
Total ECTS 2 nd Semester										30
Total contact hours										48
Total ECTS										60