

UNIVERSITY "ECONOMICS ACADEMY" BRCKO DISTRICT OF BOSNIA AND HERZEGOVINA FACULTY OF
 TECHNICAL SCIENCES
 SECOND CYCLE – MASTER ACADEMIC STUDIES
 Master of Science in Food and Industry Engineering – 60 ECTS

CURRICULUM

No.	Code	Course Title	Sem.	Type	Status	Hours of Active Teaching			ECT S
						L	P	C	
1.	MZ01	Research Methods and Techniques	1		M	3	2		8
2.	MZ02	Communication,	1		M	2	2		6
3.	MZ03	Project Management,	1		M	3	3		8
4.	MZ04	Reengineering	1		M	2	3		8
Total:						10	10		30
5.	MZ05	<i>Elective 1</i>	2		E	3	2		7
		Regulation and Supervision of Occupational Safety							
		Numerical Modeling							
		Measurement Systems							
		Laboratory Techniques in Phytopathology							
		Production Systems in Animal Husbandry							
		Food-process Engineering							
		Synthesis and Optimization of Technological Processes							
		Selected Chapters in Molecular Biology							
6.	MZ06	<i>Elective 2</i>	2		E	3	2		7
		Solar Thermal Systems							
		Digital Methods and Technologies							
		Fire and Explosion Hazards							
		Principles of Integral Plant Protection							
		Organic Livestock Production							
		Biological Food Production and the Environment							
		Application of Numerical and Statistical Methods in Engineering							
		Modern Methods in Teaching Biology							
7.	MZ07	<i>Elective 3</i>	2		E	4	2		6
		E-logistics							
		Fundamentals of automatic management							
		Arrangement and supervision of fire protection							
		Production systems in agribusiness							
		Selected chapters of pesticide chemistry							
		Modern methods in food quality control							
		Adhesion and modification of surfaces							
		Environmental education							
8.	MZ08	Master Thesis	2		M	0	4		10
Total:						10	10		30
Total Hours and ECTS						300	300		60

A student who defends his/her master's thesis after passing all the subjects provided for in the curriculum for two semesters receives a certificate of completion of the study program with 60 ECTS points, namely Master of Science in Food and Industry Engineering – 60 ECTS.