

UNIVERSITY "ECONOMICS ACADEMY" BRCKO DISTRICT OF BOSNIA AND HERZEGOVINA
 FACULTY OF HEALTH SCIENCES
 THIRD CYCLE – DOCTORAL ACADEMIC STUDIES
 PhD of Health Sciences, major in Pharmacy– 180 ECTS

CURRICULUM

No.	Course Code	Course Title	Sem	Type	Status	Hours of Active Teaching			ECTS
						L	P	C	
FIRST YEAR									
1.	DF01	Methodology of scientific and research work	1		M	4	2		8
2.	DF02	Knowledge management	1		M	4	2		8
3.	DF03	<i>Elective 1</i>	1		E	2	2		7
		Clinical pharmacy and pharmaceutical care							
		Pharmacoepidemiology with pharmacoconomics							
4.	DF04	Research Work for Topic Selection and Literature Review for Doctoral Dissertation	1		M	0	4		7
Total:						10	10		30
5.	DF05	<i>Elective 2</i>	2		E	3	1		7
		Pharmaceutical biotechnology							
		Quality control of biopharmaceuticals							
6.	DF06	<i>Elective 3</i>	1		E	3	1		7
		Analytical methods in pharmacy							
		Phytotherapy							
7.	DF07	Creation and Publication of the First Scientific Work	2		M	0	6		7
8.	DF08	Doctoral Dissertation-Topic Research 1	2		M	0	6		9
Total:							14		30
Total Hours of Active Teaching in the First Year of Doctoral Academic Studies:							210		60
SECOND YEAR									
1.	DF09	Change Management	3		M	4	2		8
2.	DF10	<i>Elective 4</i>	3		E	3	1		7
		Biochemistry in pharmacy							
		Application of polymer materials in the pharmaceutical industry							
3.	DF11	<i>Elective 5</i>	3		E	3	1		7
		Clinical pharmacy and pharmaceutical care							
		Nomenclature of organic pharmaceuticals							
4.	DF12	Doctoral Dissertation-Topic Research 2	3		M	0	6		8
Total:						10	10		30
5.	DF13	<i>Elective 6</i>	4		E	3	1		7
		Pharmaceutical technology and biopharmaceutics							

		Pharmaceutical chemistry and pharmacognosy							
6.	DF14	Creation and Publication of the Second Scientific Work	4		M	0	6		8
7.	DF15	Doctoral Dissertation-Topic Research 3	4		M	0	10		15
Total:						3	17		30
Total Hours of Active Teaching in the Second Year of Doctoral Academic Studies:						195	405		60
THIRD YEAR									
1.	DF16	Doctoral Dissertation-Topic Research 4	5		M	0	10		15
2.	DF17	Writing a Doctoral Dissertation (Data Processing of a Doctoral Dissertation)	5		M	0	10		15
Total:						0	20		30
3.	DF18	Creation and Publication of the Third Scientific Work	6		M	0	6		8
4.	DF19	Doctoral Dissertation-Topic Research 5	6		M	0	6		8
5.	DF20	Doctoral Dissertation Defense	6		M	0	8		14
Total:							20		30
Total Hours of Active Teaching in the Third Year of Doctoral Academic Studies:							600		60
Total ECTS									180

A student who defends his/her doctoral dissertation after passing all the subjects provided for in the curriculum for six semesters receives a certificate of completion of the study program with 180 ECTS points, namely PhD of Health Sciences major in pharmacy – 180 ECTS.