

UNIVERSITY "ECONOMICS ACADEMY" BRCKO DISTRICT OF BOSNIA AND HERZEGOVINA
 FACULTY OF TECHNICAL SCIENCES
 FIRST CYCLE - UNDERGRADUATE ACADEMIC STUDIES
 Bachelor of Horticulture – 240 ECTS

CURRICULUM:

No.	Course Code	Course Title	Sem.	T	Status	Hours of Active Teaching			ECTS
						L	P	KV	
FIRST YEAR									
1.	OŠ01	Informatics	1		M	2	3		7
2.	OŠ02	Descriptive Geometry	1		M	2	3		7
3.	OŠ03	English Language 1	1		M	2	1		5
4.	OŠ04	Mathematics 1	1		M	2	2		6
5.	OŠ05	<i>Elective 1</i>	1		E	2	1		5
		Meteorology with climatology							
		Field survey in forestry and horticulture							
Total:						10	10		30
6.	OŠ06	Mathematics 2	2		M	2	3		7
7.	OŠ07	English Language 2	2		M	2	3		7
8.	OŠ08	Botany	2		M	2	1		5
9.	OŠ09	Chemistry	2		M	2	2		6
10.	OŠ10	<i>Elective 2</i>	2		E	2	1		5
		Dendrology							
		Horticultural Physiology							
Total:						10	10		30
Total Hours in the First Year of Undergraduate Academic Studies						300	300		60
SECOND YEAR									
1.	OŠ11	Physiology of Trees	3		M	2	3		7
2.	OŠ12	Systematic Botany	3		M	2	3		7
3.	OŠ13	Pedology 1	3		M	2	1		5
4.	OŠ14	Application of Computers in Forestry	3		M	2	2		6
5.	OŠ15	<i>Elective 3</i>	3		E	2	1		5
		Pathology of Forest and Ornamental plants							
		Horticultural Entomology							
Total:						10	10		30
6.	OŠ16	Forest Entomology	4		M	2	3		7
7.	OŠ17	Forestry Genetics	4		M	2	3		7

8.	OŠ18	Forestry Biometrics	4		M	2	1		5
9.	OŠ19	Zoology in Forestry	4		M	2	2		6
10.	OŠ20	<i>Elective 4</i>	4		E	2	1		5
		Forest Growth and Yield							
		Science of Forest Vegetation							
Total:						10	10		30
Total Hours in Second Year of Undergraduate Academic Studies						300	300		60
THIRD YEAR									
1.	OŠ21	Forest Cultivation	5		M	2	3		7
2.	OŠ22	Dendrometry	5		M	2	3		7
3.	OŠ23	Science of Forest Vegetation	5		M	2	1		5
4.	OŠ24	Mechanization in Forestry	5		M	2	2		6
5.	OŠ25	<i>Elective 5</i>	5		E	2	1		5
		Introduction to Ecological Engineering							
		Floriculture							
Total:						10	10		30
6.	OŠ26	Pedology 2	6		M	2	3		7
7.	OŠ27	Rainforests and Protective Forests	6		M	2	3		7
8.	OŠ28	Fungi in Forest Ecosystems	6		M	2	2		5
9.	OŠ29	Nutrition of Plants in Nurseries	6		M	2	1		6
10.	OŠ30	<i>Elective 6</i>	6		E	2	1		5
		Organization of Business Systems in Forestry							
		Garden and Park Furniture							
Total:						10	10		30
Total Hours in Third Year of Undergraduate Academic Studies						300	300		60
FOURTH YEAR									
1.	OŠ31	Hunting	7		M	2	3		7
2.	OŠ32	Seed and Nursery Production	7		M	2	3		7
3.	OŠ33	Basics of Forest Policies and Economics	7		M	2	1		5
4.	OŠ34	Technical Characteristics and Properties of Wood	7		M	2	2		6
5.	OŠ35	<i>Elective 7</i>	7		E	2	1		5
		Forest Management							
		Plant arrangements in interiors							
Total:						10	10		30
6.	OŠ36	Professional Practice	8		M				20
7.	OŠ37	<i>Final Paper</i>	8		M		20		10

Total:	0	20		30
Total Hours in Fourth Year of Undergraduate Academic Studies	150	450		60

A student who defends their final paper after passing all the courses provided by the curriculum for eight semesters, receives the title of engineer of academic studies - Bachelor with honors based on selected elective courses on the selected module - 240 ECTS.