

New Bachelor in “FORESTRY”

STUDY CURRICULUM

Year 1 – Semester 1

No.	Obligatory Modules	ECTS
1	Basics of botany and ecology	6
2	Site conditions basics	6
3	Basics of politics and law	6
4	Forest statistics and data-driven AI	6
5	Basics of Economics	6
	TOTAL	30

Year 1 – Semester 2

No.	Obligatory Modules	ECTS
1	Forest botany	6
2	Wood industry	6
3	Torrent and erosion control and Geomatics practical course	6
4	Forest soil science and forest nutrition	6
5	Fundamentals of Geomatics (Surveying, Remote Sensing and Geoinformatics)	6
	TOTAL	30

Year 2 – Semester 1

No.	Obligatory Modules	ECTS
1	Forest Management I	6
2	Forest business administration and accounting	6
3	Forest Ecology	6
4	Wildlife ecology and forest protection	6
5	Forest management planning	6
	TOTAL	30

Year 2 – Semester 2

No.	Obligatory Modules	ECTS
1	Forest Engineering I	6
2	Forest Management II	6
3	Forest Entomology and Forest Pathology	6
4	Site and yield theory	6
5	Forest policy and forest law	6
	TOTAL	30

Year 3 - Semester 1

PROFILE 1: FOREST ECOSYSTEM MANAGEMENT

No.	Obligatory Modules	ECTS
1	Grazing areas management	6
2	Management of forest enterprises	6
3	Forest Engineering II	6
4	Elective Module I	6
5	Elective Module II	6
	TOTAL	30

Year 3 - Semester 2

No.	Obligatory Modules	ECTS
1	Elective Module III	6
2	Elective Module IV	6
3	Professional Practice	6
4	Diploma Thesis	12
	TOTAL	30

List of Elective Modules (Profile 1)

No.	Module	ECTS
1	Interdisciplinary project study with excursions	6
2	Public relations and small scale forest management	6
3	Market strategies and bioeconomy	6
4	Mathematic	6
5	Foreign language	6
6	Analysis of protective forests	6
7	Protected areas and aspects of sustainable use and nature conservation	6
8	Forest ecosystems: Ecosystem services and role in climate change	6

Year 3 - Semester 1

PROFILE II- NATURE PROTECTION AND BIODIVERSITY

No.	Module të detyrueshme	ECTS
1	Identification of native mammals and birds	6
2	Water systems - planning and ecological aspects	6
3	Spatial planning and agriculture	6
4	Elective Module I	6
5	Elective Module II	6
	TOTAL	30

Year 3 - Semester 2

No.	Obligatory Modules	ECTS
1	Elective Module III	6
2	Elective Module IV	6
3	Professional Practice	6
4	Diploma Thesis	12
	TOTAL	30

List of Elective Modules (Profile 2)

Nr	Moduli	ETCS
1	Protected areas and aspects of sustainable land use and nature conservation	6
2	Genetic and organismic biodiversity in forest ecosystems	6
3	Interdisciplinary project study with excursions	6
4	Forest ecosystems: ecosystem services and role in climate change	6
5	Foreign language	6
6	Protective forest analysis	6
7	Mathematics	6
8	Natural tourism development	6

LIST OF ELECTIVE MODULES WITHOUT SPECIALIZATION

No.	Module	ETCS
1	Foreign language	6
2	Identification of native mammals and birds	6
3	Genetic and organismic biodiversity in forest ecosystems	6
4	Geomorphology – landscape and processes	
5	Protected areas and aspects of sustainable land use and nature conservation	6
6	Hydraulics and hydromechanics	6
7	Hydraulic engineering	6
8	Interdisciplinary project study with excursions	6
9	Management and monitoring of forest ecosystem services	6
10	Market strategies and bioeconomy	6
11	Mathematics	6
12	Mechanics and materials science	6
13	Public relations and small scale forest management	6
14	Water systems - planning and ecological aspects	6
15	Spatial planning and agriculture	6
16	Protective forest analysis	6
17	Forest ecosystems: ecosystem services and role in climate change	6
18	Grazing areas management	6
19	Management of Forest Enterprises	6
20	Forest Engineering II	6