



Master of Science in Agronomy

STUDY PROGRAM CURRICULUM

Year I, Semester (1)

First Semester							
N r.	Modules	Subjects	ECTS	Students Work load (Hours)			Category
				Class work	Individual Learning	Total	
1	Research Methodology	Research Methodology	6	60	90	150	A
2	Sustainable Rural Development	Sustainable Rural Development	6	60	90	150	A
3	Soil and Water management	Soil management	3	30	45	75	C
		Water Management	3	30	45	75	C
4	Physiology of crop production	Fiziologjia e Prodhimit Bimor	6	60	90	150	B
5	Plant Biotechnology	Plant Biotechnology	6	60	90	150	B
	Total		30	300	450	750	

Year I, Semester II (2)

Second Semester							
N r.	Modules	Subjects	ECTS	Students Work load (Hours)			Category
				Class work	Individual Learning	Total	
1	Agricultural mechanization management	Agricultural mechanization management	6	60	90	150	D
2	Climate change and crop cultivation	Climate Change in the World and Albania	2	20	30	50	B
		Impact of Climate Change in Arable crops	2	20	30	50	C
		Impact of climate change in Horticultural Crops	2	20	30	50	B

3	Genetic resources and Seed production	Genetic resources	3	30	45	75	C
		Seed production	3	30	45	75	C
4	Elected Module	Elected Module	6	60	90	150	B
5	Elected Module	Elected Module	6	60	90	150	B
	Total		30	300	450	750	

Profile: “General Agronomy”

Year II, Semester I (3)

Third Semester							
N r.	Modules	Subjects	ECTS	Students Work load (Hours)			Category
				Class work	Individual Learning	Total	
1	Pesticides and their degradation in plants	Pesticides and their degradation in plants	6	60	90	150	B
2	Geobotany and Forage plant Associations	Geobotany	3	30	45	75	C
		Forage plant Associations	3	30	45	75	B
3	Aromatic - medicinal plants	Aromatic - medicinal plants	6	60	90	150	B
4	Elected Module	Elected Module	6	60	90	150	B
5	Elected Module	Elected Module	6	60	90	150	B
	Total		30	315	435	750	

Profile: “Horticulture”

Year II, Semester I (3)

Third Semester							
N r.	Modules	Subjects	ECTS	Students Work load (Hours)			Category
				Class work	Individual Learning	Total	
1	Ekophysiology of Fruit Tree	Ekophysiology of Fruit Tree	6	60	90	150	B
2	Advanced Technologies for Ornamental Plant Production	Advanced Technologies for Ornamental Plant Production	6	60	90	150	B
3	Sustainable Viticulture	Sustainable Viticulture	6	60	90	150	B
4	Elected Module	Elected Module	6	60	90	150	B
5	Elected Module	Elected Module	6	60	90	150	B
	Total		30	315	435	750	

Profile: “Plant Medicine”

Year II, Semester I (3)

	Third Semester						
N r.	Modules	Subjects	ECTS	Students Work load (Hours)			Category
				Class work	Individual Learning	Total	
1	Plant Fungal and Bacterial Pathogens and Their Control	Plant Fungal and Bacterial Pathogens and Their Control	6	60	90	150	B
2	Pest and Vector Control	Pest and Vector Control	6	60	90	150	B
3	Protocols for Integrated Production According to EU Standards	Protocols for Integrated Production According to EU Standards	6	60	90	150	B
4	Elected Module	Elected Module	6	60	90	150	B
5	Elected Module	Elected Module	6	60	90	150	B
	Total		30	315	435	750	

Year II, Semester II (4)

For the three profiles

	Fourth Semester						
N r.	Modules	Subjects	ECTS	Students Work load (Hours)			Category
				Class work	Individual Learning	Total	
1	Scientific Colloquium		2				E
2	Master Thesis		28				E
	Total		30	315	435	750	