



Faculty of ENVIRONMENTAL ENGINEERING AND FOOD SCIENCE  
 Domain: Agronomy  
 Study program: Mountain Agriculture  
 Duration of studies: 4 years  
 Education form: continuous (B.Sc.)  
 Code: FMA-LAM



## Programme Syllabus – Mountain Agriculture

First year (2017 – 2018)

Semester 1

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM01BF01	<i>Mathematics and Statistics</i>	2	2	-	-	E	5
LAM01BF02	<i>Analytic and Inorganic Chemistry</i>	2	-	1	-	E	5
LAM01BS03	<i>Applied Informatics</i>	1	-	2	-	E	5
LAM01BF04	<i>Biophysics and Agro-meteorology</i>	2	-	1	-	E	5
LAM01BF05	<i>Ecology and Environmental Protection</i>	2	2	-	-	E	7
LAM1BC06	<i>Physical Education and Sport</i>	-	1	-	-	A/R	3
LAM1BC07	<i>Foreign Language - French / English</i>	-	2	-	-	C	3



*Semester 2*

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM1BF08	<i>Biochemistry</i>	2	-	1	-	E	5
LAM1BF09	<i>Botany</i>	2	-	2	-	E	5
LAM1BD10	<i>Land Survey (Topography) and Technical Drawing</i>	2	-	1	1	E	5
LAM1BS11	<i>Animal Anatomy and Physiology</i>	2	-	1	-	E	5
LAM1BD12	<i>Energetic Basis in Agriculture</i>	2	-	1	-	C	4
LAM1BC13	<i>Physical Education and Sport</i>	-	1	-	-	A/R	3
LAM1BC14	<i>Foreign Language – French / English</i>	-	2	-	-	C	3
LAM1BD15	<i>Practice</i>	4 weeks x 6 hours x 5days = 120 hours				C	3



## Second year (2017 – 2018)

### Semester 1

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM02BF01	<i>Agro-Chemistry</i>	2	-	1	-	E	4
LAM02BD02	<i>Plant Physiology</i>	2	-	1	-	E	5
LAM02BD03	<i>Microbiology</i>	2	-	1	-	E	5
LAM02BD04	<i>General and Ameliorative Pedology</i>	2	-	1	-	E	5
LAM02BD05	<i>Agricultural Machineries</i>	2	-	1	-	C	4
LAM1BC06	<i>Physical Education and Sport</i>	-	1	-	-	A/R	3
LAM2BC07	<i>Foreign Language 2 – French - English</i>	-	2	-	-	C	3
LAM2OD09	<i>Protection of Mountain Ecosystems</i>	1	-	1	-	C	3

*Semester 2*

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM2 BD11	<i>Genetics</i>	2	-	2	-	E	5
LAM2 BD12	<i>Agro-mountain Constructions</i>	2	-	-	2	E	4
LAM2 BD13	<i>Land Cadaster</i>	2	2	-	-	E	4
LAM2 BD14	<i>Fishery and Pisciculture Systems</i>	2	2	-	-	E	4
LAM2 BD15	<i>Agro-technics</i>	2	-	2	-	E	4
LAM 2OC16	<i>Physical Education and Sport</i>	-	1	-	-	A/R	3
LAM 2OC17	<i>Foreign Language – French / English</i>	-	2	-	-	C	2
LAM2OD19	<i>Experimental Technique</i>	1	-	2	-	C	3
LAM2BS18	<i>Practice</i>	4 weeks x 6 hours x 5days = 120 hours				C	3



### Third year (2017 – 2018)

#### Semester 1

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM3BD01	<i>General Animal Breeding and Animal Nutrition</i>	2	-	2	-	E	6
LAM3BS02	<i>Phytopathology</i>	2	-	2	-	E	5
LAM3BS03	<i>Entomology</i>	2	-	2	-	E	5
LAM3BS04	<i>Silviculture</i>	2	-	2	-	E	5
LAM3BS05	<i>Plant Amelioration</i>	2	-	2	-	C	5
LAM3OD07	<i>Study and Exploitation of Wood</i>	2	-	2	-	C	4



*Semester 2*

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM3BD11	<i>Special Animal Breeding</i>	2	-	2	-	E	5
LAM3BD12	<i>Viticulture</i>	2	-	2	-	E	5
LAM3BD13	<i>Pomiculture</i>	2	-	2	-	E	5
LAM3BS14	<i>Grassland Technology I</i>	2	-	2	-	C	4
LAM3BS15	<i>Crop Production (Phytotechnology)</i>	2	-	2	-	E	4
LAM3BS16	<i>Practice</i>	4 weeks x 6 hours x 5days = 120 hours				C	4
LAM3OS18	<i>Vegetable growing</i>	2	-	2	-	C	4



## Fourth Year (2017 – 2018)

### Semester 1

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM4BD01	<i>Animal Amelioration</i>	2	-	2	-	E	4
LAM4BS02	<i>Grassland Technology II</i>	2	-	2	-	E	4
LAM4BS03	<i>Mountain Agricultural Eco-products</i>	1	-	2	-	E	4
LAM4BS04	<i>Cynegetics</i>	2	-	2	-	C	4
LAM4BS05	<i>Conditioning and Preservation of Agricultural Products</i>	1	-	2	-	E	4
LAM4BS06	<i>Soil Erosion Control</i>	2	-	-	2	E	4
LAM4BD07	<i>Elements of Economy</i>	1	1	-	-	C	3
LAM4OS08	<i>Oenology</i>	1	-	2	-	C	3



*Semester 2*

Code	Discipline	No. of hours				Evaluation form E/C/P*	ECTS (credits)
		Course	Seminary	Applications	Project		
LAM 4 B S 10	<i>Legislation in Agriculture</i>	2	-	-	1	E	3
LAM 4 B S 11	<i>Processing of Animal and Vegetable Products</i>	2	-	2	-	E	3
LAM 4 B S 12	<i>Mountain Agro-tourism</i>	2	-	2	-	E	4
LAM 4 B D 13	<i>Agricultural Accounting and Economics</i>	2	1	-	-	E	3
LAM 4 B S 14	<i>Sustainable Rural Development</i>	2	2	-	-	C	4
LAM 4 B S 15	<i>Agricultural Management and Marketing</i>	1	1	-	-	C	3
LAM 4 B D 15	<i>Practice for Elaboration of the Graduation Project</i>	4 weeks x 6 hours x 5 days = 120 hours				C	10

\* E - exam; C - colloquy; P – project.