

CORE CURRICULUM

1st SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	GENERAL AND INORGANIC CHEMISTRY	2	2	5
2	APPLIED INFORMATICS IN AGRICULTURAL SCIENCES	2	1	5
3	MATHEMATICS	3		5
4	INTRODUCTION TO ECONOMICS	3		5
5	AGRO-METEOROLOGY	2	1	5
6	SCIENTIFIC METHODOLOGY, ETHICS AND e-SOURCES	2	1	3
7	ENGLISH-1	2		2
	TOTAL			30
2th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	AGRICULTURAL ECONOMICS	3		5
2	ORGANIC CHEMISTRY	2	2	5
3	BIOSTATISTICS	3		5
4	SOIL SCIENCE AND MANAGEMENT	2	2	5
5	ANIMAL HUSBANDRY	2	1	5
6	ECOLOGY	2	1	5
7	ENGLISH- 2			
	TOTAL			30
3th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	GENETICS	2	2	5
2	PLANT ANATOMY AND MORPHOLOGY	2	2	5
3	ANATOMY OF FARM ANIMALS	2	1	5
4	AGRICULTURAL POLICY	3		5
5	PLANT NUTRITION -FERTILIZERS	2	2	5
6	ENGLISH 3			
	OPTIONAL COURSES (OBLIGATORY CHOICE OF ONE)			
1	INTRODUCTION TO AGROCHEMICALS (CP)	2	2	5
2	RURAL SOCIOLOGY (AE)	3		5
3	QUALITY OF AGRICULTURAL PRODUCTS	2	1	5
4	SAMPLING OF AGRICULTURAL PRODUCTS	2	1	5
	TOTAL			30
4th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	GENERAL AGRONOMY	2	2	5
2	PLANT PHYSIOLOGY	2	2	5
3	GENERAL ARBORICULTURE	2	2	5
4	IRRIGATION STUDIES	2	2	5
5	ENGLISH 4			
	OPTIONAL COURSES (OBLIGATORY CHOICE OF TWO)			

1	PRINCIPLES OF EXPERIMENTATION IN AGRICULTURAL SCIENCES (CP) (AP)	2	2	5
2	INTERNATIONAL TRADE AND ECONOMIC RELATIONS	3		5
3	MICROBIOLOGY - IMMUNOLOGY (AP)	3	1	5
4	COOPERATION - COLLECTIVE FORMS OF ENTREPRENEURSHIP	3		5
5	HYGIENE AND SAFETY OF AGRICULTURAL PRODUCTS - LEGISLATION	2	1	5
	TOTAL			30
5th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	PLANT PATHOLOGY	2	2	5
2	ENTOMOLOGY	2	2	5
3	INTRODUCTION TO MARKETING	3		5
4	CEREALS, LEGUMES AND FORAGE CROPS	2	2	5
	OPTIONAL COURSES (OBLIGATORY CHOICE OF TWO)			
1	PLANT BREEDING (CP)	2	2	5
2	AGROFORESTRY AND SILVOPASTURE MANAGEMENT (AP)	2	2	5
3	GEOGRAPHIC INFORMATION SYSTEMS GIS (AE)	2	2	5
4	PLANT TAXONOMY	2	2	5
5	STANDARIZATION AND PACKAGING OF AGRICULTURAL PRODUCTS	2	1	5
6	EXPLOITATION OF BY-PRODUCTS AND ENVIRONMENTAL WASTE MANAGEMENT	2	1	5
7	TECHNOLOGY AND QUALITY CONTROL OF VINE PRODUCTS	2	1	5
	TOTAL			30
6th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	BEEKEEPING	2	2	5
2	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	2	2	5
3	PRINCIPLES OF ANIMAL NUTRITION	2	1	5
4	AGRICULTURAL MACHINERY-ANIMAL FARM FACILITIES	2	2	5
	OPTIONAL COURSES (OBLIGATORY CHOICE OF TWO)			
1	VEGETABLE CROPS (CP)	2	2	5
2	FARM ANIMAL REPRODUCTION (AP)	2	2	5
3	ANIMAL BIOCHEMISTRY (AP)	3	1	5
4	FARM MANAGEMENT (AE)	3		5
5	QUALITY ASSURANCE OF AGRICULTURAL PRODUCTS	2	1	5
6	PROCESSING AND PRESERVATION METHODS OF AGRICULTURAL PRODUCTS	2	1	5
	TOTAL			30

(CP) CROP PRODUCTION

(AP) ANIMAL PRODUCTION

(AE) AGRICULTURAL ECONOMICS

DIVISION OF CROP PRODUCTION

7th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	DECIDUOUS FRUIT TREES	2	2	5
2	FLORICLTURE	2	2	5
3	FIELD CROP PESTS	2	2	5
4	PRODUCTION OF PLANT REPRODUCTIVE MATERIAL	2	2	5
5	VITICULTURE	3	1	5
6	DISEASES OF FIELD CROPS	2	2	5
	TOTAL			30
8th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	DISEASES OF HORTICULTURAL CROPS	2	2	5
2	PESTS OF HORTICULTURAL CROPS	2	2	5
3	EVERGREEN FRUIT TREES	2	2	5
4	WEED SCIENCE	2	2	5
5	INDUSTRIAL AND ENERGY CROPS	2	2	5
	OPTIONAL COURSES (OBLIGATORY CHOICE OF 1)			
	AROMATIC AND PHARMACEUTICAL PLANTS	2	2	5
	SMALL FRUIT TREES	2	2	5
	TOTAL			30
	WORK PLACEMENT -2 SUMMER MONTHS			10
9th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	ORNAMENTAL PLANTS	2	2	5
2	ACROCHEMICALS	2	2	5
3	ORGANIC AND INTEGRATED AGRICULTURE	2	2	5
4	GREENHOUSE TECHNOLOGY AND HYDROPONIC CROPS	2	2	5
	OPTIONAL COURSES (OBLIGATORY CHOICE OF 2)			
1	LANDSCAPE ARCHITECTURE	2	2	5
2	INDOOR PLANTS	2	2	5
3	VINE CULTIVATION TECHNIQUES	2	2	5
4	PESTS OF STORED PRODUCTS	2	2	5
5	APPLIED AND PLANT STRESS PHYSIOLOGY	2	2	5
6	POSTHARVEST TECHNOLOGY OF HORTICULTURAL CROPS	2	2	5
7	TEACHING METHODS/AGRICULTURAL EDUCATION	3		5
	TOTAL			30
10o SEMESTER				
	Course title			ECTS
	THESIS - DISSERTATION			30

DIVISION OF ANIMAL PRODUCTION

7th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	PHYSIOLOGY OF FARM ANIMAL NUTRITION	2	2	5
2	INFECTIOUS AND PARASITIC DISEASES OF FARM ANIMALS	2	2	5
3	PIG PRODUCTION	2	2	5
4	BEEF PRODUCTION	2	2	5
5	PHYSIOLOGY OF FARM ANIMALS	3	1	5
6	APPLIED REPRODUCTION OF FARM ANIMALS	2	2	5
	TOTAL			30
8th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	SHEEP AND GOAT PRODUCTION	2	2	5
2	NUTRITION OF MONOGASTRIC ANIMALS	2	2	5
3	POULTRY HUSBANDRY	2	2	5
4	ORGANIC LIVESTOCK PRODUCTION	2	2	5
5	DAIRY SCIENCE AND TECHNOLOGY	2	2	5
6	AQUACULTURE AND FISHERIES	2	1	5
	TOTAL			30
WORK PLACEMENT -2 SUMMER MONTHS				10
9th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	RUMINANT NUTRITION	2	2	5
2	ETHOLOGY AND WELFARE IN ANIMAL PRODUCTION	3	1	5
3	PHARMACOLOGY IN ANIMAL SCIENCE	3	1	5
4	ANIMAL SELECTIVE BREEDING AND GENETIC IMPROVEMENT	2	2	5
5	CARCASS EVALUATION AND MEAT TECHNOLOGY	2	2	5
OPTIONAL COURSES (OBLIGATORY CHOICE OF ONE)				
1	EQUINE SCIENCE	2	1	5
2	FUR ANIMAL HUSBANDRY	2	1	5
3	FARM ANIMAL PATHOLOGY AND HYGIENE	2	1	5
	TOTAL			30
10o SEMESTER				
	Course title			ECTS
	THESIS - DISSERTATION			30

DIVISION OF AGRICULTURAL ECONOMICS

7th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	SALES PROMOTION-ADVERTISING	3		5
2	CONTEMPORARY ISSUES IN AGRICULTURAL MANAGEMENT	3		7
3	APPLIED STATISTICS	2	1	6
4	INNOVATIONS AND ENTREPRENEURSHIP IN AGRICULTURE	3		7
5	TEACHING METHODS/AGRICULTURAL EDUCATION	3		5
	TOTAL			30
8th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	CONSUMER THEORY	3		5
2	FEASIBILITY STUDIES	3		7
3	PRICING OF AGRICULTURAL PRODUCTS	3		6
4	ENVIRONMENT AND SUSTAINABLE DEVELOPMENT	3		7
	OPTIONAL COURSES (OBLIGATORY CHOICE OF 2)			
1	ORGANIC ANIMAL FARMING	2	2	5
2	AROMATIC AND PHARMACEUTICAL PLANTS	2	2	5
3	INDUSTRIAL AND ENERGY CROPS	2	2	5
	TOTAL			30
	WORK PLACEMENT -2 SUMMER MONTHS			10
9th SEMESTER				
	Course title	Lecture	Laboratory	ECTS
1	FOOD AND AGRICULTURAL PRODUCTS MARKETING	3		5
2	INVESTMENT ANALYSIS	3		7
3	ECONOMICS AND MANAGEMENT OF FOOD INDUSTRIES	3		6
4	INTEGRATED DEVELOPMENT OF RURAL AREAS	3		7
	OPTIONAL COURSES (OBLIGATORY CHOICE OF 2)			
1	ANIMAL ETHOLOGY AND WELFARE	2	2	5
2	ORGANIC AND INTEGRATED AGRICULTURE	2	2	5
3	LANDSCAPE ARCHITECTURE	2	2	5
	TOTAL			30
10o SEMESTER				
	Course title			ECTS
	THESIS - DISSERTATION			30