

STUDY PROGRAM OF THE DEPARTMENT OF ANIMAL SCIENCE

ACADEMIC YEAR 2023 – 2024

SEMESTER 1st				
Code	Course Title	Hours/week (Theory + Lab Practicals) (e.g. 3T +2LP)	Department that offers the course	ECTS
3630	Inorganic Chemistry	3+2	DAS	5
0562	Physics	3+2	BIO	5
380	Genetics	3+2	BIO	5
3695	Agricultural Zoology - Entomology	3+2	DCS	5
3635	Principles of Cellular and Molecular Biology	3+3	DAS	5
3675	Principles of Animal Production	3+2	DAS	5
0044	English I	2 T		
TOTAL				30

ΕΕΑΜΗΝΟ 2nd				
Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
3640	Principles of Organic Chemistry	4+2	DAS	5
3645	Biometry	5 T	DCS	5
3680	Microbiology	3+2	DAS	5
3485	Principles of Economics Theory	4 T	AERD	5
3330	Introduction to Informatics	2+3	AERD	5
3685	Botany	3+2	DCS	5
0045	English II	2 T		
TOTAL				30

1st YEAR: 60 ECTS

SEMESTER 3rd				
Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
0011	Animal Anatomy and Histology	3+3	DAS	6
0012	Hydrobiology – Planktology	3+3	DAS	6
0024	Grasslands Management	3+2	DAS	5
0016	Principles of Animal Breeding	2+3	DAS	5
0504	Introduction in the Biochemistry of Animal Organisms	2+2	DAS	4
0046	English III	2Ø	-	
SUBTOTAL				26
Electives (2 out of 3)				
3525	Pests in Stored Agricultural Products & Foods	3+2	DCS	2
0501	History of Agricultural Science	2 T	AERD	2
960	Agricultural Extension	3 T	AERD	2
TOTAL				30

SEMESTER 4th				
Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
0004	Nutritional Physiology of Animals	4+2	DAS	6
1500	Apiculture - Sericulture	3+2	DCS	5
2855	Rural Economics and Policy	5 T	AERD	5
0235	Physiology of Farm Animals	3+3	DAS	6
3655	Agriculture	2+2	DCS	4
0047	English IV	2 T		
SUBTOTAL				26
Electives (2 out of 3)				
0310	Immunology	2+1	DAS	2
3615	Didactics-Agricultural Education	3 T	AERD	2
0503	Climatology	2 T	DCS	2
TOTAL				30

2nd YEAR: 60 ECTS

SEMESTER 5th

Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
0625	Feedstuffs & Feedstuffs Technology	3+3	DAS	6
0375	Methods of Animal Breeding	3+3	DAS	6
0166	The Physiological Bases of Farm Animal Reproduction and Lactation	2+2	DAS	5
0161	Quality and Safety of Animal Food Products	4 T	DAS + FSHN	4
0996	Marketing of Animal Products	5 T	AERD	5
0048	English V			
SUBTOTAL				26
Electives (2 out of 3)				
0162	Companion Animals Breeding	3 T	DAS	2
0163	Management of Specialized Farms	3 T	DAS	2
0296	Fisheries Biology and Management	2+1	DAS	2
TOTAL				30

SEMESTER 6th

Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
39	Ruminants Nutrition	4+2	DAS	5
159	The Physiological Bases of Farm Animal Growth	2+2	DAS	3
168	Ichthyology - Benthology	3+3	DAS	5
33	Farming of Domestic Non-Ruminants	5+1	DAS	5
6	Applications of Biotechnology in Animal Science	2+2	DAS	3
49	English VI			
6100	PRACTICAL TRAINING			5
SUBTOTAL				26
Electives (1 out of 3)				
237	Analytical Toxicology - Xenobiotics	2+2	DAS	4
3390	Food Chemistry	3+2	FSHN	4
208	e-Commerce	2+2	AERD	4
TOTAL				30

3rd YEAR: 60 ECTS

SEMESTER 7th				
Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
2995	Farming of Domestic Ruminants	3+3	DAS	6
0181	Milk and Meat Technology	3+2	FSHN	6
0169	Ethology and Welfare of Farm Animals	3 T	DAS	3
2980	Pharmacology	3 T	DAS	3
0041	Aquaculture	3+3	DAS	6
SUBTOTAL				24
Electives (2 out of 3)				
0227	Introduction to Technical Design (AutoCAD)	2 T	NRDAE	3
0998	Quality and Certification Systems for Agricultural Products	3 T	DAS	3
New 0316	Environmental Pollution (changed by DCS)	3 T	DCS	3
ΣΥΝΟΛΟ				30

SEMESTER 8th				
Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
0034	Monogastrics Nutrition	3+3	DAS	6
0019	Diseases of Farm Animals	3+3	DAS	6
1510	Design and Organization of Livestock Facilities	4 T	NRDAE	3
0036	Production of Aquatic Organisms	3 +3	DAS	6
6200	PRACTICAL TRAINING			5
SUBTOTAL				26
Electives (2 out of 4)				
0171	Feed Manufacturing Technology	2 T	DAS	2
0630	Rural Sociology	4 T	AERD	2
New 0318	Ichthyopathology	2+1	DAS	2
3401	Milk Technology II - Cheeses	3+2	FSHN	2
ΣΥΝΟΛΟ				30

4th YEAR: 60 ECTS

SEMESTER 9th

Code	Course Title	Hours/week (T + LP)	Department that offers the course	ECTS
1690	Health of Farm Animals	3+2	DAS	5
3725	Strategic Business Planning	5 T	AERD	5
0495	Economics in Animal Production	4 T	AERD	3
0018	Animal Production – Environment	4 T	DAS	4
0167	Nutrition of Aquatic Organisms	2+2	DAS	4
0226	Precision Technologies in Agriculture	3+2	NRDAE	5
SUBTOTAL				26
Electives (2 out of 5)				
0238	Animal Production and Public Health	2 T	DAS	2
1440	Livestock Production Systems	2 T	DAS	2
0007	Principles of Human Nutrition	2 T	DAS	2
0268	Principles of Animal Embryology	1+1	DAS	2
0239	Intelligent Systems and Data Mining in Animal Science	1+1	AERD	2
TOTAL				30

SEMESTER 10th		
1	Diploma Dissertation	30 ECTS

5th YEAR: 60 ECTS

TOTAL ECTS (in 5 YEARS): 300

DEPARTMENT ABBREVIATIONS

AERD: Department of Agricultural Economics & Rural Development; BIO: Department of Biotechnology; DAS: Department of Animal Science; DCS: Department of Crop Science; FSHN: Department of Food Science and Human Nutrition; NRDAE: Department of Natural Resources Development and Agricultural Engineering