

NIĞDE ÖMER HALİSEMİR UNIVERSITY

Faculty of Agricultural Sciences and Technologies		
Plant Production and Technologies		
Autumn Semester Courses		
Course Code	Course Name	ECTS
BUT1001	BOTANY	5
BUT1003	MATHEMATICS	5
BUT2003	SOIL SCIENCES	6
BUT2001	BIOCHEMISTRY	5
BUT2009	BIOSTATISTICS	4
BUT3001	PRINCIPLES OF PLANT BREEDING	5
BUT3003	PLANT PROTECTION METHODS AND PESTICIDES	5
BUT3005	CEREALS AND FOOD LEGUME CROPS	5
BUT4000	GRADUATION THESIS	5
BUT4037	SOIL, WATER AND PLANT ANALYZING METHODS	5
BUT4039	MUSHROOM CULTIVATION	5
BUT4041	TURFGRASS	5
	TOPLAM	60
Spring Semester Courses		
Course Code	Course Name	ECTS
BUT1008	ZOOLOGY	5
BUT1010	GENETICS	5
BUT2002	FRUIT PRODUCTION	5
BUT2004	PHYTOPATHOLOGY	5
BUT4004	ORGANIC AND SUSTAINABLE AGRICULTURE	5
BUT3002	INDUSTRIAL CROPS	4
BUT3004	VITICULTURE AND TECHNOLOGIES	4
BUT3006	PASTURE AND FORAGE CROPS	3
BUT3022	ORGANIC ANIMAL PRODUCTION	4
BUT4058	AGRICULTURAL EPIDEMIOLOGY	5
BUT4060	MEDICAL AND AROMATIC PLANTS	5
BUT4062	PEST MANAGEMENT IN ORGANIC AGRICULTURE	5
BUT4064	SPECIAL VEGETABLE PRODUCTION	5
	TOPLAM	60

Faculty of Agricultural Sciences and Technologies		
Biosystems Engineering		
Autumn Semester Courses		
Course Code	Course Name	ECTS
BSM1001	PHYSICS I	5
BSM1003	MATHEMATICS I	5
BSM2005	SOIL SCIENCE	6
BSM2003	ENGINEERING MATHEMATICS	5
BSM2001	THERMODYNAMIC	4
BSM2013	METEOROLOGY	5
BSM3003	AGRICULTURAL STRUCTURE II	5
BSM3001	BIOSYSTEMS ANALYSIS MEASUREMENTS, SURVEY AND ASSESSMENT	5
BSM4000	GRADUATION THESIS	5
BSM4003	DESIGN PROJECT I	5
BSM4005	KINETICS AND BIOREACTOR DESIGN	4
BSM4007	AGRICULTURAL TRACTORS AND EQUIPMENTS	4
TBT1009	SAFETY AND HEALTH AT WORK I	2
	TOPLAM	60
Spring Semester Courses		
Course Code	Course Name	ECTS
BSM1002	PHYSICS II	5
BSM1004	MATHEMATICS II	5
TBT1012	SAFETY AND HEALTH AT WORK II	2
BSM2004	PRINCIPLES OF ELECTRIC AND ELECTRONICS	5
BSM2006	AGRICULTURAL STRUCTURE I	5
BSM2012	FLUID MECHANICS	5
BSM3002	INTRODUCTION TO AUTOMATIC CONTROLS AND SENSORS	5
BSM4004	DESIGN PROJECT II	5
BSM4006	SYSTEM MODELLING AND SIMULATION	4
BSM4008	IRRIGATIONAL MACHINERY	4
BSM4056	WATER RESOURCES PLANNING	4
BSM3004	GEOGRAPHIC INFORMATION SYSTEMS (GIS)	4
BSM3008	ENERGY SYSTEMS DESIGN AND APPLICATION	4
BSM1012	MATERIALS KNOWLEDGE	3
	TOPLAM	60

Faculty of Agricultural Sciences and Technologies		
DEPARTMENT OF ANIMAL PRODUCTION AND TECHNOLOGIES		
Autumn Semester Courses		
Course Code	Course Name	ECTS
HUT1001	ZOOLOGY	5
HUT1003	MATHEMATICS	5
HUT2001	ANIMAL NUTRITION BIOCHEMISTRY	6
HUT2003	BIOTECHNOLOGY IN ANIMAL SCIENCE	5
HUT2005	MICROBIOLOGY	5
HUT2011	BIOSTATISTICS	4
HUT2007	FARM MANAGEMENT AND BUSINESS	5
HUT2009	FARM ANIMAL HOUSING	5
HUT3001	POULTRY BREEDING	4
HUT3003	ANIMAL HEALTH AND DISEASES	4
HUT3005	SMALL RUMINANT HUSBANDRY	4
HUT4000	GRADUATION THESIS	4
TBT4061	PROJECT WRITING AND EVALUATION	4
	TOPLAM	60
Spring Semester Courses		
Course Code	Course Name	ECTS
HUT1008	ANIMAL ANATOMY AND PHYSIOLOGY	5
HUT1010	GENETICS	5
HUT2002	ANIMAL NUTRITION PHYSIOLOGY AND METABOLISM	6
HUT2004	REPRODUCTION AND ARTIFICIAL INSEMINATION	5
HUT2006	PASTURE AND FORAGE CROPS	5
HUT2008	AGRICULTURAL RESEARCH AND EXPERIMENTAL DESIGN	4
HUT2010	BEE BREEDING	5
HUT2012	FISHERIES PRODUCTION	5
HUT3002	POULTRY NUTRITION	4
HUT3004	CATTLE HUSBANDRY	4
HUT3010	VOCATIONAL PRACTICE I	2
HUT4032	PREPARING TECHNIQUES OF ANIMAL PROJECTS	5
HUT4024	ASSISTED REPRODUCTIVE TECHNOLOGIES	5
	TOPLAM	60

Faculty of Agricultural Sciences and Technologies		
AGRICULTURAL GENETIC ENGINEERING		
Autumn Semester Courses		
Course Code	Course Name	ECTS
TGM1001	BOTANY	5
TGM1003	MATHEMATICS	5
TGM2001	BIOCHEMISTRY	6
TGM4000	GRADUATION THESIS	5
TGM2005	SOIL SCIENCE	6
TGM2007	BIOSYSTEM ENGINEERING	5
TGM2009	PLANT PRODUCTION AND TECHNOLOGIES	5
TGM3005	PLANT GENETIC ENGINEERING	6
TGM3003	PRINCIPLES OF PLANT BREEDING	6
TGM3001	PHYTOPATHOLOGY	5
TGM4001	SEED SCIENCE AND TECHNOLOGY	6
	TOPLAM	60
Spring Semester Courses		
Course Code	Course Name	ECTS
TGM1008	BIOLOGY OF CROP SPECIES	5
TGM1010	GENETICS	5
TGM2010	PLANT CELL, TISSUE AND ORGAN CULTURE	5
TGM2002	PLANT PHYSIOLOGY	4
TGM3002	APPLIED PLANT BREEDING	4
TGM3004	ENTOMOLOGY	4
TGM3006	BIOINFORMATICS	4
TGM4002	SEED PRODUCTION TECHNIQUES	6
TGM2004	HORTICULTURE	4
TGM2006	FIELD CROPS	4
TGM2008	PLANT SYSTEMATICS	4
TGM4062	BREEDING FOR BIOTIC STRESS	5
TBT1012	SAFETY AND HEALTH AT WORK II	2
TBT4078	SCIENCE SOCIOLOGY	4
	TOPLAM	60