

COURSES-DOCTORATE (PhD) PROGRAM OUTPUTS MATRIX in THE ANIMAL PRODUCTION AND TECHNOLOGIES DEPARTMENT																				
Course Type	Course Code	Course Title	Credit			Program Outputs														
FALL			Class	Practi ce	ECTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Compulso ry Courses and The Others	FBE8001	Scientific Research Techniques and Publication Ethics	3	0	8	0	0	3	0	0	3	1	0	2	1	4	3	4	4	5
	HUT8001	<u>Statistical Methods in Agriculture</u>	3	0	8	1	3	4	1	3	2	0	0	4	3	1	4	5	2	4
	HUT8003	<u>Dairy Cattle Nutrition</u>	3	0	8	5	1	2	1	1	1	2	3	4	2	2	3	4	4	3
	HUT7001	Seminar	0	2	8	4	3	3	5	1	3	1	2	1	3	2	3	3	4	3
	HUT7003	Doctoral Qualification	0	0	30	5	4	3	4	4	3	3	2	3	4	5	5	4	4	5
	HUT7005	Specialized Field Course	5	0	2	5	3	3	4	4	2	3	2	3	4	5	5	4	4	5
	HUT7007	Thesis Proposal	0	0	30	4	3	2	3	4	3	3	3	3	4	3	4	3	4	4
HUT7009	Thesis Research	0	1	30	5	4	3	3	3	4	3	4	3	3	3	3	3	2	3	4
Elective	HUT7101	Poultry Behaviour and Welfare	3	0	8	5	4	3	4	3	5	1	3	2	3	5	3	3	5	2
Elective	HUT7103	Advanced Reproduction Technologies	3	0	8	5	2	2	1	1	2	1	4	1	1	1	1	2	2	2
Elective	HUT7105	Bee Genetic and Breeding	3	0	8	5	4	4	3	4	3	2	3	2	4	3	3	2	3	3
Elective	HUT7107	Minerals in Animal Nutrition	3	0	8	5	2	2	3	1	2	2	2	1	2	3	1	2	3	3
Elective	HUT7109	Feed Hygiene	3	0	8	5	2	3	2	2	2	2	2	1	2	4	2	2	3	3
Elective	HUT7111	Agricultural Efficiency and Competitiveness	3	0	8	5	4	3	3	3	2	2	2	3	3	3	3	5	4	4
Elective	HUT7113	Metabolic Disorders and Nutrition of Dairy Cattle	3	0	8	5	1	2	1	1	2	2	3	0	2	2	3	4	3	3
Elective	HUT7115	Protein Systems and Nutrition	3	0	8	5	3	2	1	3	2	2	4	0	3	2	1	3	1	3
Elective	HUT7117	Frozen Seafood Technology	3	0	8	1	2	1	2	1	1	2	1	1	4	4	5	5	3	5
Elective	HUT7119	Spoilage Analyses in Seafood	3	0	8	1	2	1	2	1	1	2	1	1	4	4	5	5	3	5
SPRING																				
Compulso ry Courses and The Others	HUT8002	<u>Genetic Principles of Animal Breeding</u>	3	0	8	5	2	2	2	3	2	1	2	3	2	1	2	4	3	2
	HUT8004	<u>Ration Formulation Techniques</u>	3	0	8	5	1	1	4	2	2	2	4	4	2	2	2	3	3	4
	HUT7002	Seminar	0	2	8	4	3	3	5	1	3	1	2	1	3	2	3	3	4	3
	HUT7004	Doctoral Qualification	0	0	30	5	4	3	4	4	3	3	2	3	4	5	5	4	4	5
	HUT7006	Specialized Field Course	5	0	2	5	3	3	4	4	2	3	2	3	4	5	5	4	4	5
	HUT7008	Thesis Proposal	0	0	30	4	3	2	3	4	3	3	3	3	4	3	4	3	4	4
HUT7010	Thesis Research	0	1	30	5	4	3	3	3	4	3	4	3	3	3	3	3	2	3	4

Elective	HUT7102	Pollinator Insects in Plant Production	3	0	8	5	3	4	4	3	4	4	3	3	3	4	2	3	4	5
Elective	HUT7104	Broiler Slaughter and Carcass Quality	3	0	8	5	5	4	5	4	3	1	3	2	4	4	5	4	4	3
Elective	HUT7106	Small Ruminant Carcass Evaluation	3	0	8	5	0	1	2	2	0	0	0	0	1	1	3	2	1	1
Elective	HUT7108	Vitamins in Animal Nutrition	3	0	8	5	2	2	3	1	2	2	2	1	2	3	1	2	3	3
Elective	HUT7110	Livestock Policies in Turkey and World	3	0	8	5	4	3	4	4	2	2	2	1	3	3	3	5	4	4
Elective	HUT7112	Forage Conservation Methods	3	0	8	5	4	2	2	1	2	2	3	0	2	1	2	4	2	3
Elective	HUT7114	Beef Cattle Nutrition	3	0	8	5	0	1	2	2	1	1	2	1	1	1	2	3	3	3
Elective	HUT7116	Environment Animal Interaction	3	0	8	5	4	2	3	3	3	0	4	1	3	2	2	2	2	2
Elective	HUT7118	Seafood Poisoning	3	0	8	1	2	1	2	1	1	2	1	1	4	4	5	5	3	5