

POULTRY BREEDING AND HUSBANDRY

1	Course Title:	POULTRY BREEDING AND HUSBANDRY	
2	Course Code:	VET5305	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	5	
6	Semester:	9	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	No	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Metin Petek	
15	Course Lecturers:	Yok	
16	Contact information of the Course Coordinator:	petek@uludag.edu.tr Uludağ Ünv. Veteriner Fak. Zootekni Anabilim Dalı	
17	Website:		
18	Objective of the Course:	To educate qualified students in the field of production techniques in layer and broiler production, hatchery knowledge and technique, ostrich, quail, white turkey, Pekinese duck, pheasant and partridge breeding techniques, legislation in EU and Turkey related to poultry production.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Manegement of broiler and layer breeders
		2	Hatchery management, sexing, early and late embryonic mortality.
		3	Egg production in aviary, free range and perchery housing systems.
		4	Quail breeding techniques.
		5	Legislation in EU and Turkey related to broiler and egg production.
		6	Ostrich breeding techniques.
		7	Pekin duck breeding techniques.
		8	Pheasant and partridge breeding techniques.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Breeder housing systems, production parameters of broiler breeders, management of broiler breeders.	Introduction to breeder house and equipment, slide and projection show	

2	Zootechnical parameters of layer breeder genotypes and management	Visit a commercial breeder enterprises
3	Hatchery management, breed and genotype differences in hatchery management, sexing the chicks.	Sexing methods in day-old chicks
4	Hatchery report, analyzing poor hatchability, possible causes of early and late embryonic death.	Visit a commercial hatchery
5	Broiler and table egg production in aviary, perchery and free-range housing systems.	Introduction to pheasant, partridge and pekin Duck houses in Faculty Farm.
6	Breeds of quail, management of laying quail, quail meat production.	Introduction to pheasant, partridge and pekin Duck houses in Faculty Farm.
7	Breeds of turkey, management of turkey beerder, turkey meat production, white turkey production.	Handling of eggs prior to incubation. Candling of the hatching eggs and egg breake analyzing
8	Management of ostrich, ostrich meat production.	Beak trimming, cannibalism and feather peaking.
9	Breeds of partridge, management in partridge production, partridge meat production.	Hatchery sanitation; disinfecting and fumigation in hatchery.
10	Breeds of pheasant, management in phesant production, pheasant meat production.	Embryonic stages of eggs that fail to hatch
11	Management in duck production, Pekin Duck breeding.	Hatchery management records and its evaluation.
12	Biosecurity in poultry enterprises	Body weight and its importance in poultry breeding.
13	Standart and legislation in EU and Turkey related to egg production.	Characteristics of non-laying hens. Selection and reformation in layer hens
14	Standart and legislation in EU and Turkey related to broiler production	Visit a commercial egg enterprises.

22	Textbooks, References and/or Other Materials:	<ol style="list-style-type: none"> 1. Petek M (2003) Devekuşu. Medisan Publishing House, Ankara. 2. Kırıkçı, K., Çetin, O. (2002). Sülün ve keklik Yetiştiriciliği, S.Ü. Vakfı Yayınları, Konya. 3. North M, Bell DD (1990) Commercial Chicken Production Manual, 4th edn., Chapman Hall, London. 4. Vatanserver H (1999) Bıldırcın yetiştirme tekniği, Ankara. 5. Sainsbury D (1992) Poultry Health and Management. Third Edition.Blackwell Sci. 6. Perry GC (2004) The laying hen systems of egg production. In welfare of laying hen. Oxfordshire UK. 7. Anonymous (2004) XXII. World Poultry Congress Abstract Book and Full text CD, Istanbul. 8. Appleby MC, Hughes BO (2004) Poultry Behaviour and Welfare. Cabi Publishing.
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23	Assesment	
TERM LEARNING ACTIVITIES		
	NUMBE R	WEIGHT
Midterm Exam	1	40.00
Quiz	1	5.00
Home work-project	1	5.00
Final Exam	1	50.00
Total	4	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00

24	ECTS / WORK LOAD TABLE
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	2.00	28.00
Homeworks	1	6.00	6.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	15.00	15.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
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	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	5	2	1	4	5	4	3	3	2	2	3	0	0	0	0
ÖK2	5	5	1	2	4	5	4	3	2	2	4	3	0	0	0	0
ÖK3	5	5	2	1	4	5	4	3	3	2	3	3	0	0	0	0
ÖK4	5	5	1	1	3	5	4	3	2	2	3	3	0	0	0	0
ÖK5	5	5	1	2	4	5	4	3	3	2	3	3	0	0	0	0
ÖK6	5	5	2	2	4	5	5	5	2	2	3	3	0	0	0	0
ÖK7	5	5	1	1	4	5	5	3	2	2	1	3	0	0	0	0
ÖK8	5	5	1	1	4	5	5	3	2	2	3	2	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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