



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Fields of Specialization I							
Course Code		UZM801		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	8	Workload	200 (Hours)	Theory	8	Practice	0	Laboratory	0
Objectives of the Course		Presenting the thesis work, presenting the latest developments about the thesis and providing information about the thesis and explaining the opinions, contributing to the improvement of the quality of the thesis, creating the synergy in the selection and execution of the thesis subjects in the departments and improving the level of education efficiently. to provide motivation, to develop confidence.							
Course Content		Conducting and writing the thesis on the subject.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Ali Emre DİNGİN, Assoc. Prof. Ali PETEK, Assoc. Prof. Aydın ERÖN, Assoc. Prof. Ayfer METİN TELLİOĞLU, Assoc. Prof. Ayşe ELİTOK KESİCİ, Assoc. Prof. Aytül UÇAK KOÇ, Assoc. Prof. Bilgen KIRAL, Assoc. Prof. Dilan TÜYSÜZ, Assoc. Prof. Engin ÇAKIR, Assoc. Prof. Erdoğan MALATYALI, Assoc. Prof. Fatih Mehmet YILMAZ, Assoc. Prof. Hakan ATAY, Assoc. Prof. Hatice ÖNER, Assoc. Prof. Kadriye Gökem ULU GÜZEL, Assoc. Prof. Keziban AMANAK, Assoc. Prof. Kıymet YAVUZASLAN, Assoc. Prof. Mehmet BÖLÜKBAŞ, Assoc. Prof. Mehmet Metin DAM, Assoc. Prof. Mehmet Umut TUNCER, Assoc. Prof. Muattar Demet DOĞRUÖZ, Assoc. Prof. Olcay BOYACIOĞLU, Assoc. Prof. Pelin ERDAL AYTEKİN, Assoc. Prof. Rahime YAYGINGÜL, Assoc. Prof. Safiye ÖZVURMAZ, Assoc. Prof. Sedat AKKURNAZ, Assoc. Prof. Serap GÖKÇE ESKİN, Assoc. Prof. Songül ERDOĞAN, Assoc. Prof. Sultan KELEŞ, Assoc. Prof. Şahin BULUT, Assoc. Prof. Umut Tolga GÜMÜŞ, Assoc. Prof. Yıldız DENAT, Lec. Ahmet ÜNLÜ, Lec. Arzu ÖZVER, Lec. Bengü DEPBOYLU, Lec. Ece KOÇ YILDIRIM, Lec. Erkmek Tuğrul EPİKMEN, Lec. Ferhat ŞİRİNYILDIZ, Lec. Gülizar Seda YILMAZ, Lec. Levent ATATANIR, Lec. Mehmet AYDINER, Lec. Mehtap KIZILKAYA, Lec. Özcan ABAYLI, Lec. Sibel ŞEKER, Lec. Yılmaz ERDEM, Lec. Zeynep BOZKAN, Prof. Abdullah ÖZDEMİR, Prof. Ahmet Can BAKKALCI, Prof. Ahmet Gökhan ÖNOL, Prof. Ali BELGE, Prof. Aydın ÜNAY, Prof. Aytaç Gürhan GÖKÇE, Prof. Ayten TAŞPINAR, Prof. Bekir Hakan KÖKSAL, Prof. Berfin KART TEPE, Prof. Bülent BOZDOĞAN, Prof. Cavit KUM, Prof. Deniz AKTAŞ UYGUN, Prof. Ece ARMAĞAN, Prof. Elif ALADAĞ, Prof. Emel CEYLAN, Prof. Emetullah Yasemin BOZDAĞLIOĞLU, Prof. Emine Didem EVCİ KIRAZ, Prof. Ergün Ömer GÖKSOY, Prof. Erkan SALAN, Prof. Fatih Mehmet ŞİMŞEK, Prof. Filiz ADANA, Prof. Filiz KÖK, Prof. Göksel ERBAŞ, Prof. Gönül AYDIN, Prof. Güleğün TÜRK, Prof. Güneş ERDOĞAN, Prof. Hacı Halil BIYIK, Prof. Hakan ARSLANER, Prof. Hakan HOTUNLUOĞLU, Prof. Hamdi AVCI, Prof. Hilal ŞAHİN NADEEM, Prof. Hudai YILMAZ, Prof. Hülya ARSLANTAŞ, Prof. Hüsnüye ÇALIŞIR, Prof. İsmail BÖGREKÇİ, Prof. İsmet ATEŞ, Prof. Kadir Serdar DİKER, Prof. Kemal ERGİN, Prof. Kürşat KARACABEY, Prof. Levent KARAGENÇ, Prof. Mehmet Nedim DOĞAN, Prof. Murat ÇEKİLMEZ, Prof. Murat SARIERLER, Prof. Murat UYGUN, Prof. Musa Şamil AKYIL, Prof. Mustafa Oner UZUN, Prof. Mustafa ÖZÇAĞ, Prof. Mustafa Özgür SEÇİM, Prof. Mustafa SANDIKÇI, Prof. Mustafa SÜRMEN, Prof. Nazan ÜZÜM, Prof. Nefati KIYLIOĞLU, Prof. Nermin KORUKLU, Prof. Nihat TOPLU, Prof. Olcay ARABACI, Prof. Orhan KARACA, Prof. Osman Nuri ÖZDOĞAN, Prof. Osman PEKER, Prof. Özge ÇEVİK, Prof. Pınar YENGİN SARP KAYA, Prof. Raşan ÇEVİK AKYIL, Prof. Recep KUTLUBAY, Prof. Renan TUNALIOĞLU, Prof. Ruhi SARP KAYA, Prof. Saadettin YILDIRIM, Prof. Selim SEKKİN, Prof. Serap AÇIKGÖZ, Prof. Serdal ÖĞÜT, Prof. Suat ATEŞLİER, Prof. Sündüz Özlem ALTINKAYA, Prof. Şadiye KUM, Prof. Şule Yurdağül ÖZSOY, Prof. Uğur ŞİRİN, Prof. Vehbi Uğur TANDOĞAN, Prof. Yunus ÇERÇİ, Prof. Zekiye KARAÇAM							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Quiz	1	20
Attending Lectures	15	20
Report	1	60

Recommended or Required Reading

1	Thesis Writing Guide
2	Lecture notes on the selected thesis topic
3	All national and international books and publications related to the thesis topic
4	E-books and internet resources

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and importance of specialization



2	Theoretical	How to make a preliminary study on scientific work in the field of specialization
3	Theoretical	Scientific study planning
4	Theoretical	Scientific study planning
5	Theoretical	Scientific study planning
6	Theoretical	To be able to reach scientific resources related to the field of specialization
7	Theoretical	Methodological information on the field of expertise
8	Theoretical	Methodological information on the field of expertise
9	Theoretical	Data collection methods related to the field of expertise
10	Theoretical	Data collection methods related to the field of expertise
11	Theoretical	Statistical evaluation methodology
12	Theoretical	To be able to write resources related to the field of specialization
13	Theoretical	How to write a scientific paper about the area of ??specialization
14	Theoretical	How to write a scientific paper about the area of ??specialization
15	Theoretical	How to write a scientific paper about the area of ??specialization

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	1	2	45
Assignment	4	3	2	20
Seminar	3	3	2	15
Project	2	5	5	20
Individual Work	10	5	5	100
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To learn universal norms about thesis study.
2	To learn about ethical rules.
3	To have knowledge about the history and philosophy of science.
4	To work in coordination with his / her supervisor.
5	The idea of the thesis is to investigate, project and execute.
6	To gain skills in writing, presenting, defending and publishing the thesis.
7	To improve the level of education related to the field, to provide motivation, to develop confidence.

Programme Outcomes (Reproduction and Artificial Insemination (Veterinary Medicine) Doctorate)

1	To get knowledge about reproduction and artificial insemination with theoretical lessons and practise, also to get knowledge about reproductive systems of animals, reproductive organs and functions of these organs
2	Hormonal mechanisms of oogenesis and spermatogenesis, movements of oocyte and sperm cells in the genital tracts, factors affecting spermatogenesis and oogenesis, blood-testis barrier, functions of epididymidis, capacitation and acrosome reaction of sperm cells, fertilization (fusion, activation, penetration)
3	To get knowledge about reproductive anatomy of male and female animals, reproductive endocrinology, embryonic development of gonads, prenatal development, development-regression and luteolysis of corpus luteum, histological, anatomical and physiological structure of uterus, fertilization, early embryonic development, luteal mechanism, implantation, involution of uterus post partum, sperm migration in cervical mucus, oogenesis, acrosomal enzymes, fusion, activation, penetration, syngamy and polyspermy and reproductive health
4	To get ample information about the structure and functions of hormones related to reproduction and diagnosis of oestrus, proper seeding time and gain experience in the selection of the technique in domestic animals
5	To get experience to join reproductive scientific research, to follow scientific advances own field. To transfer all these experiences and knowledge to students and society
6	To gain ability to reach scientific references, to plan an experiment, study this experiment, evaluation of experimental results and compare this result similar experimental result
7	Systematic of special examination, morphological and functional examination of genital organs, microbiological examination of sperm cells, ultra structure characteristics of sperm cells, factors affecting sperm quality, spermatological examination, Short term storage and cryopreservation of sperm cells, cryopreservation methods, factors affecting the success of thawing sperm cells, manipulations applied before or after thawing
8	To get knowledge about reproductive biotechnology (artificial insemination, in-vitro fertilisation, freezing of sperm and embryo, embryo transfer, laparoscopic insemination). To Contribute and advance to science
9	To get knowledge about infertility, diagnosis of infertility, treatment of infertility in domestic animals especially commercial farms



10	To make a research about reproduction and artificial insemination, this can contribute and advance to science
11	To get experience about to write a national or international article about reproduction and artificial insemination, this can contribute and advance to science

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5	L6	L7
P1	4		4				
P2	4	5			4		3
P3	5						4
P4	4					4	
P5	4	5	4	4	5	5	
P6	4	5	4	5	4	4	
P7	4						5
P8	5						
P9	5			5			
P10	5	4	4				
P11	5		5	5			5

