



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Thesis Study I							
Course Code		TEZ801		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	22	Workload	545 (<i>Hours</i>)	Theory	0	Practice	1	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), Experiment, Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Ali PETEK, Assoc. Prof. Aslı İCİL TUNCER, Assoc. Prof. Ayfer METİN TELLİOĞLU, Assoc. Prof. Aytül UÇAK KOÇ, Assoc. Prof. Aziz BOSTAN, Assoc. Prof. Behiç Alp AYTEKİN, Assoc. Prof. Cennet ŞAFAK ÖZTÜRK, Assoc. Prof. Emre ERDAN, Assoc. Prof. Engin ÇAKIR, Assoc. Prof. Erdal İSBİR, Assoc. Prof. Erdoğan MALATYALI, Assoc. Prof. Fatih Mehmet YILMAZ, Assoc. Prof. Gülnur KARAKAŞ TANDOĞAN, Assoc. Prof. Hakan ATAY, Assoc. Prof. Hasan GÜLER, Assoc. Prof. Hatice ÖNER, Assoc. Prof. Kadriye Görkem ULU GÜZEL, Assoc. Prof. Keziban AMANAK, Assoc. Prof. Kıymet YAVUZASLAN, Assoc. Prof. Mehmet Metin DAM, Assoc. Prof. Mehmet Mustafa KARACA, Assoc. Prof. Rahime YAYGINGÜL, Assoc. Prof. Safiye ÖZVURMAZ, Assoc. Prof. Serap GÖKÇE ESKİN, Assoc. Prof. Songül ERDOĞAN, Assoc. Prof. Sultan KELEŞ, Assoc. Prof. Şahin BULUT, Assoc. Prof. Şansel ÖZPINAR, Assoc. Prof. Tuğrul AYYILDIZ, Assoc. Prof. Ülker ÇOLAKOĞLU, Lec. Aylin UĞURLU, Lec. Bengü DEPBOYLU, Lec. Bilge DOĞANLI, Lec. Ece KOÇ YILDIRIM, Lec. Erkmén Tuğrul EPIKMEN, Lec. Ferhat ŞİRİNYILDIZ, Lec. Levent ATATANIR, Lec. Mehmet AYDINER, Lec. Mehmet ULUTAŞ, Lec. Mehtap KIZILKAYA, Lec. Sevil ÖZCAN, Lec. Sibel ŞEKER, Lec. Yılmaz ERDEM, Lec. Yusuf Ziya ŞİPAL, Lec. Zeynep BOZKAN, Prof. Abdullah TANRISEVDİ, Prof. Ahmet Can BAKKALCI, Prof. Ali BELGE, Prof. Asuman Seda SARACALOĞLU, Prof. Aydın ÜNAY, Prof. Aytaç Gürhan GÖKÇE, Prof. Ayten TAŞPINAR, Prof. Bekir Hakan KÖKSAL, Prof. Bülent BOZDOĞAN, Prof. Caner IŞIK, Prof. Cavit KUM, Prof. Deniz AKTAŞ UYGUN, Prof. Emel CEYLAN, Prof. Emetullah Yasemin BOZDAĞLIOĞLU, Prof. Emine Didem EVCİ KIRAZ, Prof. Ergün Ömer GÖKSOY, Prof. Fatih Mehmet ŞİMŞEK, Prof. Fatma ÇAKIR, Prof. Ferda AKAR, Prof. Feriştah SÖNMEZ, Prof. Filiz ADANA, Prof. Filiz KÖK, Prof. Göksel ERBAŞ, Prof. Gönül AYDIN, Prof. Hacer HARLAK, Prof. Hacı Halil BIYIK, Prof. Hamdi AVCI, Prof. Hamza KAHRİMAN, Prof. Hilal ŞAHİN NADEEM, Prof. Hudai YILMAZ, Prof. Hülya ARSLANTAŞ, Prof. Hüsnüye ÇALIŞIR, Prof. İçten Duygu ÖZBEK, Prof. İsmail BÖGREKCI, Prof. Kadir Serdar DİKER, Prof. Kemal ERGİN, Prof. Kerim GÜNDOĞDU, Prof. Kürşat KARACABEY, Prof. Levent KARAGENÇ, Prof. Mehmet Nedim DOĞAN, Prof. Mehmet ÖZDEMİR, Prof. Murat SARIERLER, Prof. Murat ŞENTUNA, Prof. Murat UYGUN, Prof. Musa Şamil AKYIL, Prof. Mustafa ÖZÇAĞ, Prof. Mustafa SÜRMEN, Prof. Nazan ÜZÜM, Prof. Nefati KIYLIOĞLU, Prof. Nihat TOPLU, Prof. Olcay ARABACI, Prof. Orhan KARACA, Prof. Özge ÇEVİK, Prof. Pınar YENGİN SARP KAYA, Prof. Rahşan ÇEVİK AKYIL, Prof. Recep KUTLUBAY, Prof. Renan TUNALIOĞLU, Prof. Ruhi SARP KAYA, Prof. Ruken AKAR VURAL, Prof. Saadettin YILDIRIM, Prof. Savaş DUMAN, Prof. Serap AÇIKGÖZ, Prof. Serdal ÖĞÜT, Prof. Sündüz Özlem ALTINKAYA, Prof. Şadiye KUM, Prof. Şerife GENİŞ, Prof. Şule Yurdağül ÖZSOY, Prof. Uğur ŞİRİN, Prof. Yaşar KUZUCU, Prof. Yunus ÇERÇİ, Prof. Yusuf KADERLİ, 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	Practice	Literature review
2	Practice	Literature review



3	Practice	Literature review
4	Practice	Literature review
5	Practice	Examination and evaluation of the literature on thesis subject
6	Practice	Examination and evaluation of the literature on thesis subject
7	Practice	Examination and evaluation of the literature on thesis subject
8	Practice	Examination and evaluation of the literature on thesis subject
9	Practice	Planning of thesis work
10	Practice	Planning of thesis work
11	Practice	Planning of thesis work, preliminary data study and monitoring
12	Practice	Planning of thesis work, preliminary data study and monitoring
13	Practice	Evaluation and presentation of preliminary data obtained from the thesis
14	Practice	Preparation of thesis intermediate report
15	Practice	Presentation of thesis intermediate report

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Practice	15	4	2	90
Assignment	10	5	5	100
Seminar	5	15	5	100
Term Project	5	3	3	30
Individual Work	10	10	10	200
Quiz	5	2	3	25
Total Workload (Hours)				545
[Total Workload (Hours) / 25*] = ECTS				22

*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 information about the history and philosophy of science
4	To work in coordination with his / her supervisor
5	To provide research, project and execution of the thesis
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 (Molecular Biotechnology(English) Interdisciplinary Doctorate)

1	Ability to identify, analyze and understand problems related to molecular biotechnology and finding valid conclusions with basic knowledge in biotechnology
2	Ability to appropriately use laboratories and their associated equipment as part of research and observation activities through various branches of sciences
3	Ability to understand and interpret biological processes at cell, tissue, organ, system and organism levels
4	Ability to decide and apply appropriate tools and techniques in biotechnological manipulation
5	Ability to comprehend fundamentals of genetics and molecular biology and carry out basic methods in relevant applications
6	Ability to apply the fundamentals of protein and DNA chemistry, and immunology to techniques in biotechnology
7	. Ability to understand and practice basics of applied biotechnology, with acquired knowledge on problem solving approaches
8	Ability to understand and interpret basics of molecular applications within medical, agriculture, veterinary and forensic sciences
9	Ability to perceive biological existence at the global and regional scales, together with comprehension of associated problems
10	Acquiring appropriate knowledge in the field of basic sciences to support perception, analysis and interpretation of biological facts, and ability to use and practice relevant methods for this goal
11	Ability to develop proficiency in laboratory management, including maintenance of an orderly work environment, inventory and ordering, and set up or maintenance of equipment
12	Ability to learn essential methods in microbiology and basic skills in a microbiology labortaory
13	Ability to demonstrate proficiency with standard techniques in liquid measurement, recombinant DNA technology, protein purification and identification, and cell culture

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	5	4	5	4	5	5	4
P2	5	4	5	4	5	5	4
P3	5	4	4	5	4	4	5
P4	5	5	4	4	4	4	5
P5	5	5	3	4	4	4	4
P6	5	5	3	5	5	5	4
P7	5	5	4	5	5	5	4
P8	5	5	5	5	5	5	4
P9	5	5	5	4	4	4	5
P10	5	5	4	5	4	4	5
P11	5	5	4	5	4	5	5
P12	5	5	5	4	5	5	4
P13	5	5	3	4	5	4	4

