



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
MEDICAL BIOLOGY
MEDICAL BIOLOGY
MEDICAL BIOLOGY MASTER
COURSE INFORMATION FORM

Course Title	Thesis Study II								
Course Code	TEZ702			Course Level		Second Cycle (Master's Degree)			
ECTS Credit	22	Workload	545 (Hours)	Theory	0	Practice	1	Laboratory	0
Objectives of the Course	Conducting the thesis study, presenting the latest developments about the thesis and getting information about the thesis and explaining the opinions, contributing to the improvement of the quality of the thesis, giving the idea, creating the synergy in the selection and execution of the thesis topics in the departments and reaching the conclusion of the thesis efficiently.								
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)	Res. Assist. Gülşen GÜVEN, Assoc. Prof. Abdullah ÖZDEMİR, Assoc. Prof. Abdullah YALÇIN, Assoc. Prof. Ahmet TOKSOY, Assoc. Prof. Altuğ ÖZDEN, Assoc. Prof. Arzu GÜLER, Assoc. Prof. Aslı İCİL TUNCER, Assoc. Prof. Aslı YENİPAZARLI, Assoc. Prof. Atakan HATİPOĞLU, Assoc. Prof. Aynur CİVELEK, Assoc. Prof. Aysun SARIBEY HAYKIRAN, Assoc. Prof. Ayşe ÖZTÜRK SAMUR, Assoc. Prof. Aytaç Gürhan GÖKÇE, Assoc. Prof. Berfin KART, Assoc. Prof. Bertan AKYOL, Assoc. Prof. Bülent Sarper AĞIR, Assoc. Prof. Cem ESEN, Assoc. Prof. Cengiz İskender ÖZKAN, Assoc. Prof. Cengiz ÜNSAL, Assoc. Prof. Çağrı KÖROĞLU, Assoc. Prof. Dilek KARIŞAN KORUCU, Assoc. Prof. Ece ARMAĞAN, Assoc. Prof. Elif ALADAĞ, Assoc. Prof. Emetullah Yasemin BOZDAĞLIOĞLU, Assoc. Prof. Emin Baki ADAŞ, Assoc. Prof. Emine GERÇEK, Assoc. Prof. Emre AKIN, Assoc. Prof. Erkan KIRAL, Assoc. Prof. Erkan SALAN, Assoc. Prof. Ersen YAZICI, Assoc. Prof. Esin ACAR, Assoc. Prof. Esin POYRAZOĞLU, Assoc. Prof. Evrim DERELİ FIDAN, Assoc. Prof. Eylem YILDIZ FEYZİOĞLU, Assoc. Prof. Filiz ADANA, Assoc. Prof. Funda ÇONDUR, Assoc. Prof. Gizem DÖNMEZ YALÇIN, Assoc. Prof. Göksel ERBAŞ, Assoc. Prof. Gül ERBAY ASLITÜRK, Assoc. Prof. Gürhan KELEŞ, Assoc. Prof. Hakan ARSLANER, Assoc. Prof. Hakan HOTUNLUOĞLU, Assoc. Prof. Hamza KAHRİMAN, Assoc. Prof. Hasan GÜLTEKİN, Assoc. Prof. Hatice Hale BOZKURT, Assoc. Prof. Haydar UNCU, Assoc. Prof. Hilal BEKTAŞ UYSAL, Assoc. Prof. Hilal ŞAHİN NADEEM, Assoc. Prof. Hüseyin ŞENKAYAS, Assoc. Prof. İbrahim AKIN, Assoc. Prof. İçten Duygu ÇALLI, Assoc. Prof. Mehmet GÜLTEKİN, Assoc. Prof. Mehmet KOÇ, Assoc. Prof. Mehmet TURGUT, Assoc. Prof. Mehmet ULUKAN, Assoc. Prof. Meltem YALIN UÇAR, Assoc. Prof. Merve İrem YAPICI, Assoc. Prof. Mihrihan ERDEM, Assoc. Prof. Murat AYDAŞ, Assoc. Prof. Murat ÇEKİLMEZ, Assoc. Prof. Murat Necip ARMAN, Assoc. Prof. Mustafa KESEN, Assoc. Prof. Mustafa Özgür SEÇİM, Assoc. Prof. Necmiye CÖMERTLER, Assoc. Prof. Nermin KORUKLU, Assoc. Prof. Nural EROL, Assoc. Prof. Nursabah SARIKAVAKLI, Assoc. Prof. Osman Orkan ÖZER, Assoc. Prof. Öner CANAVAR, Assoc. Prof. Özge ÇEVİK, Assoc. Prof. Özkan EREN, Assoc. Prof. Özlem BALKIZ, Assoc. Prof. Özlem TÖTÜNCÜLER BİRCAN, Assoc. Prof. Öznur ÖZDAMAR GIOVANIS, Assoc. Prof. Pınar YENGİN SARP KAYA, Assoc. Prof. Raşan ÇEVİK AKYIL, Assoc. Prof. Reşat KARTAL, Assoc. Prof. Safiye ÖZVURMAZ, Assoc. Prof. Saima SEFEROĞLU, Assoc. Prof. Savaş DUMAN, Assoc. Prof. Selin Muradiye AKÇAY, Assoc. Prof. Selman SAĞLAM, Assoc. Prof. Sema OĞLAK, Assoc. Prof. Serap ÜNÜBOL AYPAK, Assoc. Prof. Serdal ÖGÜT, Assoc. Prof. Serkan BAKIRCI, Assoc. Prof. Sezai KOÇYİĞİT, Assoc. Prof. Soner ALADAĞ, Assoc. Prof. Soner Sertan KARA, Assoc. Prof. Sündüz Özlem ALTINKAYA, Assoc. Prof. Şerife GENİŞ, Assoc. Prof. Tarık TOTAN, Assoc. Prof. Tendü Hilal GÖKTUĞ, Assoc. Prof. Tolga ÜNÜVAR, Assoc. Prof. Tuncay Ercan SEPETCİOĞLU, Assoc. Prof. Tuncay SAYGIN, Assoc. Prof. Türker SARAÇOĞLU, Assoc. Prof. Utku YAPICI, Assoc. Prof. Ülker ÇOLAKOĞLU, Assoc. 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Emin YİĞİT, Lec. Emre ERDAN, Lec. Emre SEVİNDİK, Lec. Erdal ÖZYURT, Lec. Ersel YILMAZ, Lec. Esin ERGİN, Lec. Fatih EYDURAN, Lec. Fatih Mehmet YILMAZ, Lec. Ferda ZAMBAK, Lec. Ferhat KİREMİT, Lec. Funda ODUNCUOĞLU, Lec. Galip GENÇ, Lec. Gözde Başak ÖZTÜRK, Lec. Gülhan DEMİRİZ, Lec. Gülnur KARAKAŞ TANDOĞAN, Lec. Gülsüm ALKAN, Lec. Güntekin ŞİMŞEK, Lec. Günver GÜNEŞ, Lec. Hakan ATAY, Lec. Hale UYAR HAZAR, Lec. Halil MUTİOĞLU, Lec. Halil TANIR, Lec. Halim Emre ZEREN, Lec. Hanife Can ŞEN, Lec. Hasan ERDOĞAN, Lec. Hatice Kübra BAŞALOĞLU, Lec. Hatice ÖNER, Lec. Hicabi ARSLAN, Lec. Hulusi AKÇAY, Lec. Hüseyin Bilgin BİLGİÇ, Lec. Hüseyin GÜL, Lec. Hüseyin UYSAL, Lec. İbrahim GÖKDAŞ, Lec. Kemal Ramazan HAYKIRAN, Lec. Keziban AMANAK, Lec. Kıymet YAVUZASLAN, Lec. Levent ATATANIR, Lec. Mehmet Ali SÜNBÜL, Lec. Mehmet BAŞARAN, Lec. Mehmet Eren UZ, Lec. Mehmet Metin DAM, Lec. Mehmet Mustafa KARACA, Lec. Mehmet ŞAKİROĞLU, Lec. Mehmet ULUTAŞ, Lec. Mehmet Umur TUNCER, Lec. Mehtap KIZILKAYA, Lec. Meltem ÇENGEL SCHOVILLE, Lec. Meltem İŞİK, Lec. Mesut ÇAKIR, Lec. Murat Kemal AVCI, Lec. Murat ÖZMADEN, Lec.								



Musa GÜMÜŞ, Lec. Musa İKİZOĞLU, Lec. Mustafa AKKAYA, Lec. Mustafa Ali KAPTAN, Lec. Mustafa ASKER, Lec. Mustafa ÇELİK, Lec. Mustafa DOĞANER, Lec. Müslime GÜNEŞ, Lec. Nergiz GÜNDEL, Lec. Neşe ERDEM, Lec. Nilgün BENLİ, Lec. Nilgün SOFUOĞLU KILIÇ, Lec. Nisa BAŞARA BAYDİLEK, Lec. Nurdan GEZER, Lec. Nurettin TOPUZ, Lec. Nükhet KIRAĞ, Lec. Okan ARSLAN, Lec. Olcay BOYACIOĞLU, Lec. Osman NACAK, Lec. Ömer ÖZPINAR, Lec. Özlem AKAN, Lec. Özlem BOZKURT GİRİT, Lec. Rafet DİNÇ, Lec. Raşan ÇAM, Lec. Rifat AŞLIYAN, Lec. Sadık BÜYÜKYÖRÜK, Lec. Sedat AKKURNAZ, Lec. Selcen ÖNCÜ, Lec. Selçuk GÖÇMEZ, Lec. Selda BULCA, Lec. Semra KÜÇÜK, Lec. Serap GÖKÇE ESKİN, Lec. Serdar ÜNAL, Lec. Serhan ULUSAN, Lec. Sibel SEVİNÇ, Lec. Sibel ŞEKER, Lec. Sultan ÖZKAN, Lec. Süreyya BULUT, Lec. Şaban ERTEKİN, Lec. Şahin BULUT, Lec. Şansel ÖZPINAR, Lec. Şebnem ÖZKAN, Lec. Tacettin Hakan YENAL, Lec. Taner ARABACIOĞLU, Lec. Taner BULUT, Lec. Tuğba AKIN, Lec. Tuğrul AYYILDIZ, Lec. Turgay ERAY, Lec. Umut EVLİMOĞLU, Lec. Umut Tolga GÜMÜŞ, Lec. Ümit ÖZYILMAZ, Lec. Yakup Onur KOCA, Lec. Yakup YAZICI, Lec. Yılmaz ERDEM, Lec. Yusuf Ziya ARAL, Lec. Yüksel AYDOĞAN, Lec. Zehra EĞE, Lec. Zeynep BOZKAN, Prof. Adem ÖZDEMİR, Prof. Adnan MELEKOĞLU, Prof. Ahmet Can BAKKALCI, Prof. Ahmet KILIÇKAN, Prof. Ahmet NAHMEDOV, Prof. Ali BELGE, Prof. Ali Rıza ERDEM, Prof. Alpaslan GÖKÇİMEN, Prof. Aslı SARAÇOĞLU, Prof. Aslıhan BÜYÜKÖZTÜRK KARUL, Prof. Asuman Seda SARACALOĞLU, Prof. Atakan KOÇ, Prof. Atila YÜKSEL, Prof. Ayden ÇOBAN, Prof. Aydın ÜNAY, Prof. Ayhan YILDIZ, Prof. Ayşe Demet KARAMAN, Prof. Ayşegül BİLDİK, Prof. Ayten TAŞPINAR, Prof. Barış KARA, Prof. Bülent BOZDOĞAN, Prof. Bülent DENİZ, Prof. Bülent ULUTAŞ, Prof. Cafer TURGUT, Prof. Caner IŞIK, Prof. Cavit KUM, Prof. Celal ÜLGER, Prof. Cemal İYEM, Prof. Cengiz ÖZARSLAN, Prof. Cesur EKİZ, Prof. Cumali ÖKSÜZ, Prof. Çiğdem KILIÇASLAN, Prof. Deniz AKTAŞ UYGUN, Prof. Deniz ÇOBAN, Prof. Dide KILIÇALP KILINÇ, Prof. Dilşen İNCE ERDOĞAN, Prof. Emre CENGİZ, Prof. Engin AKDENİZ, Prof. Engin ERTAN, Prof. Ercan YEŞİLİRMAK, Prof. Ergün Ömer GÖKSOY, Prof. Erkut TURAN, Prof. Ethem AKTÜRK, Prof. Eyyüp Mennan YILDIRIM, Prof. Faik Ekmel TEKİNTAŞ, Prof. Fatih Mehmet ŞİMŞEK, Prof. Fatma DEMİRKIRAN, Prof. Fatma Neval GENÇ, Prof. Ferda BELGE, Prof. Ferit ÇOBANOĞLU, Prof. Filiz KÖK, Prof. Fuat SEZGİN, Prof. Funda KIRAL, Prof. Gamze BAŞBÜLBÜL, Prof. Gonca GÜNGÖROĞLU, Prof. Gonca GÜNVER DALKILIÇ, Prof. Gökhan CESUR, Prof. Gönül AYDIN, Prof. Gülgün TÜRK, Prof. Gülşen DEMİR, Prof. Güneş ERDOĞAN, Prof. Hacer HARLAK, Prof. Hacı Halil BİYİK, Prof. Halil Güner SEFEROĞLU, Prof. Halil KIRNAK, Prof. Halim ESEN, Prof. Hamdi AVCI, Prof. Hasan ERDEN, Prof. Hasan EREN, Prof. Hatice EROL, Prof. Hatice ÖZENOĞLU, Prof. Hatice Seher BENLİOĞLU, Prof. Hayrettin ÇETİN, Prof. Hilal AKTAMIŞ, Prof. Hilmiye AKSU, Prof. Hülya ARSLANTAŞ, Prof. Hüseyin BAŞPINAR, Prof. Hüseyin ÜRETEN, Prof. Hüseyin VOYVODA, Prof. Hüseyin YILMAZ, Prof. İbrahim CEMAL, Prof. İbrahim ÇAKMAK, Prof. İbrahim GENÇSOYLU, Prof. İbrahim YALÇIN, Prof. İmran KURT ÖMÜRLÜ, Prof. İnci EGE, Prof. İsmail BÖĞREKÇİ, Prof. İsmet ATEŞ, Prof. Kadir KIZILKAYA, Prof. Kayhan DELİBAŞ, Prof. Kemal ERGİN, Prof. Kerem URAL, Prof. Kerim GÜNDOĞDU, Prof. Kubilay METİN, Prof. Kurtuluş OLGUN, Prof. Kürşat KARACABEY, Prof. Leyla ONAT, Prof. Mehmet Ali DEMİRAL, Prof. Mehmet AYDIN, Prof. Mehmet Erdemir GÜNDOĞMUŞ, Prof. Mehmet Erkut KARA, Prof. Mehmet Kenan TÜRKYILMAZ, Prof. Mehmet Nedim DOĞAN, Prof. Mehmet Tolga TAN, Prof. Mete KARACAOĞLU, Prof. Mevlüt TÜRE, Prof. Muhammet Bilal ARIK, Prof. Muhammet Emin GÜNAY, Prof. Murat SARIERLER, Prof. Mustafa AKŞİT, Prof. Mustafa Ali KAYNAK, Prof. Mustafa Ali SARILI, Prof. Mustafa SÜRMEK, Prof. Mürsel ÖZDOĞAN, Prof. Nazan ÜZÜM, Prof. Necdet DAĞDELEN, Prof. Neriman AYDIN, Prof. Nesrin ÖZSOY, Prof. Nilgün YENİCE, Prof. Nuh KILIÇ, Prof. Nuran AYSUL, Prof. Oğuz TÜRKÖZAN, Prof. Olcay ARABACI, Prof. Orhan KARACA, Prof. Osman Eralp ÇOLAKOĞLU, Prof. Osman EREKUL, Prof. Osman Nuri ÖZDOĞAN, Prof. Osman PEKER, Prof. Ömer ERİNCİK, Prof. Ömer Faruk Kutsi KÖSEOĞLU, Prof. Pınar Alkim ULUTAŞ, Prof. Pınar DEMİRCİOĞLU, Prof. Rauf Onur EK, Prof. Recai TUNCA, Prof. Recep ÖZMERDİVENLİ, Prof. Recep TEKELİ, Prof. Renan TUNALIOĞLU, Prof. Ruhi SARP KAYA, Prof. Ruken AKAR VURAL, Prof. Saadetttin YILDIRIM, Prof. Sabri BARUTCA, Prof. Sacit Hadi AKDEDE, Prof. Sakine BOYRAZ, Prof. Sarhan SAKARYA, Prof. Selim SEKKİN, Prof. Serap AÇIKGÖZ, Prof. Serdar KOCA, Prof. Serdar PAŞA, Prof. Serkan ÖNCÜ, Prof. Sevgi ÖZSOY, Prof. Sevin KIRDAR, Prof. Sezgin DEMİR, Prof. Sultan BAYSAN, Prof. Süheyla TÜRKYILMAZ, Prof. Şadiye KUM, Prof. Şükrü KIRKAN, Prof. Tanju DEMİR, Prof. Tufan ALTIN, Prof. Tülin AKŞİT, Prof. Tülin KARAGENÇ, Prof. Uğur ŞİRİN, Prof. Ülker EREN, Prof. Ümit TATLİCAN, Prof. Yalçın ÖZDEMİR, Prof. Yavuz KILIÇ, Prof. Yunus ÇERÇİ, Prof. Yusuf KADERLİ, Prof. Yücel BOZDAĞLIOĞLU, Prof. Yücel KOCA, Prof. Zekiye KARAÇAM, Prof. Zeynel DALKILIÇ, Prof. Zeynep ASLAN, Prof. Zeynep GÜNEŞ, Prof. Zöhre POLAT

Prerequisites & Co-requisites

Prerequisite	TEZ701
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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



Week	Weekly Detailed Course Contents	
1	Practice	Exercise and follow-up of thesis
2	Practice	Exercise and follow-up of thesis
3	Practice	Exercise and follow-up of thesis
4	Practice	Exercise and follow-up of thesis
5	Practice	Exercise and follow-up of thesis
6	Practice	Exercise and follow-up of thesis
7	Practice	Exercise and follow-up of thesis
8	Practice	Exercise and follow-up of thesis
9	Practice	Exercise and follow-up of thesis
10	Practice	Exercise and follow-up of thesis
11	Practice	Evaluation of the data obtained in the thesis
12	Practice	Evaluation of the data obtained in the thesis
13	Practice	Preparatory work for the presentation of the data obtained from the thesis
14	Practice	Preparatory work for the presentation of the data obtained from the thesis
15	Practice	Presentation of the data obtained in the thesis (thesis defense examination)

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

Programme Outcomes (Medical Biology Master)	
1	To acquire fundamental knowledge on medical biology field
2	To gain expertise on molecular biology techniques
3	To utilize molecular biology techniques
4	To be able to construct and conduct a research project
5	To be able to follow and interpret scientific advancements

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
P1	1	4	4	2	2	5
P2	1	1	1	3	3	3
P3	1	1	1	3	3	3
P4	4	5	2	4	5	3
P5	1	1	5	2	2	3

