AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Fields of Specialization I								
Course Code	UZM701		Couse Level		Second Cycle (Master's Degree)				
ECTS Credit	8	Workload	200 *(Hours)*	Theory	8	Practice	0	Laboratory	0
Objectives of the Course	After the student's thesis topic is determined, the latest scientific developments related to the topic of the thesis, theoretical information including publications, studies conducted to finalize the article review and thesis management and processing of courses that can help these topics								
Course Content	Scientific article scanning, selection of resources, organizing ideas, making article critics, presentation techniques, critical thinking and writing								
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. Ahmet BİLDİREN, Assoc. Prof. Ahu YAZICI AYYILDIZ, Assoc. Prof. Ali Emre DİNGİN, Assoc. Prof. Ali İhsan YAPICI, Assoc. Prof. Ali PETEK, Assoc. Prof. Alper KARTAL, Assoc. Prof. Atilla DÖNÜK, Assoc. Prof. Aydın ERÖN, Assoc. Prof. Ayfer METİN TELLİOĞLU, Assoc. Prof. Aynur UÇKAÇ, Assoc. Prof. Aysun GÜR, Assoc. Prof. Ayşe ELİTOK KESİCİ, Assoc. Prof. Ayşe ÖZTÜRK SAMUR, Assoc. Prof. Aytül UÇAK KOÇ, Assoc. Prof. Aziz BOSTAN, Assoc. Prof. Belgin YILDIRIM, Assoc. Prof. Berna AKYÜZ SİZGEN, Assoc. Prof. Beyza ERER, Assoc. Prof. Bilgen KIRAL, Assoc. Prof. Burak FEYZİOĞLU, Assoc. Prof. Bülent ÇELİK, Assoc. Prof. Ceren DİNLER AY, Assoc. Prof. Coşkun DENİZ, Assoc. Prof. Çağatay DERECELİ, Assoc. Prof. Didem TEZSÜRÜCÜ COŞANSU, Assoc. Prof. Dilan TÜYSÜZ, Assoc. Prof. Duriye Esra ANGIN, Assoc. Prof. Ebru ERSOY TONYALOĞLU, Assoc. Prof. Ebru YILMAZ, Assoc. Prof. Elvan HAYAT, Assoc. Prof. Emre ERDAN, Assoc. Prof. Engin ÇAKIR, Assoc. Prof. Erdal İSBİR, Assoc. Prof. Eren Alper YILMAZ, Assoc. Prof. Eren Ekin ERCAN, Assoc. Prof. Erhan EKİCİ, Assoc. Prof. Erkan ÇETİNKAYA, Assoc. Prof. Erman ORYAŞIN, Assoc. Prof. Esin ERGİN, Assoc. Prof. Esin POYRAZOĞLU, Assoc. Prof. Eyüp YILMAZ, Assoc. Prof. Fatih Mehmet YILMAZ, Assoc. Prof. Ferda ZAMBAK, Assoc. Prof. Funda ODUNCUOĞLU, Assoc. Prof. Gökhan AKSU, Assoc. Prof. Gökhan ÇINAR, Assoc. Prof. Gökhan Şefik ERKURT, Assoc. Prof. Gözde Başak ÖZTÜRK ÖZERAY, Assoc. Prof. Gözde İNAL, Assoc. Prof. Gülşah SEZEN AKAR, Assoc. Prof. Hakan ATAY, Assoc. Prof. Halise ŞEREFOĞLU HENKOĞLU, Assoc. Prof. Hasan ERDOĞAN, Assoc. Prof. Hasan GÜLER, Assoc. Prof. Hasan GÜLTEKİN, Assoc. Prof. Hatice AKDAĞ, Assoc. Prof. Hatice GÜNEŞ, Assoc. Prof. Hatice ÖNER, Assoc. Prof. Kevser TOZDUMAN YARALI, Assoc. Prof. Kıymet YAVUZASLAN, Assoc. Prof. Korhan GÜNEL, Assoc. Prof. Kurtuluş BOZKURT, Assoc. Prof. Mavi AKKAYA YILMAZ, Assoc. Prof. Mehmet BÖLÜKBAŞ, Assoc. Prof. Mehmet Eren UZ, Assoc. Prof. Mehmet GÜLER, Assoc. Prof. Mehmet Metin DAM, Assoc. Prof. Mehmet Mustafa KARACA, Assoc. Prof. Mehmet Taha ESER, Assoc. Prof. Meryem NAKİBOĞLU, Assoc. Prof. Mesut GÜNENÇ, Assoc. Prof. Musa GÜMÜŞ, Assoc. Prof. Mustafa AKKAYA, Assoc. Prof. Mustafa GÜLLÜBAĞ, Assoc. Prof. Muzaffer Özgür YANARDAĞ, Assoc. Prof. Müslime GÜNEŞ, Assoc. Prof. Nergiz GÜNDEL, Assoc. Prof. Nilgün SOFUOĞLU KILIÇ, Assoc. Prof. Nurdan GEZER, Assoc. Prof. Olcay BOYACIOĞLU, Assoc. Prof. Onur KARTAL, Assoc. Prof. Onur YILMAZ, Assoc. Prof. Özel SEBETCİ, Assoc. Prof. Özgür KAMER AKSOY, Assoc. Prof. Özlem Sultan ASLANTÜRK, Assoc. Prof. Pelin ERDAL AYTEKİN, Assoc. Prof. Rahşan ÇAM, Assoc. Prof. Safiye ÖZVURMAZ, Assoc. Prof. Sedat ALATAŞ, Assoc. Prof. Soner Sertan KARA, Assoc. Prof. Sultan ÖZKAN, Assoc. Prof. Şaban ERTEKİN, Assoc. Prof. Şahin BARANOĞLU, Assoc. Prof. Şahin BULUT, Assoc. Prof. Tuğba AKIN, Assoc. Prof. Tuğrul AYYILDIZ, Assoc. Prof. Tuncay SAYGIN, Assoc. Prof. Tülay YÜREKLİ, Assoc. Prof. Türkay HENKOĞLU, Assoc. Prof. Umut EVLİMOĞLU, Assoc. Prof. Umut Tolga GÜMÜŞ, Assoc. Prof. Ümit ÖZYILMAZ, Assoc. Prof. Yakup Onur KOCA, Assoc. Prof. Yasin YILDIZ, Assoc. Prof. Yelda KADIOĞLU, Ins. Asude Gülçe ORYAŞIN, Lec. Adil Adnan ÖZTÜRK, Lec. Ahmet GENÇ, Lec. Ali CENGİZ, Lec. Ali Erdem AKGÜL, Lec. Ali GÜREŞ, Lec. Alpay BÜLBÜL, Lec. Arzu TANIŞ ÖZÇELİK, Lec. Aslı ZUNGUR BASTIOĞLU, Lec. Ayçıl ÖZTURAN ŞİRİN, Lec. Aynur ÖRNEK, Lec. Ayşe Arzu KORUCU, Lec. Ayşe YILMAZ, Lec. Ayten CAN, Lec. Başak DOĞAN, Lec. Baturay ERDAL, Lec. Berivan BİNAY, Lec. Berker BULUT, Lec. Berna ARSLAN, Lec. Berrin GÜNER, Lec. Betül ALTAY ÖZTÜRK, Lec. Bilginer TUNA, Lec. Birsen KIRIM, Lec. Burcu ALTUN BİRGÜN, Lec. Burcu HİÇYILMAZ, Lec. Büşra KİBAR KURT, Lec. Büşra KUTLU KARABIYIK, Lec. Çağdaş GÖRÜCÜ, Lec. Demet AKDENİZ, Lec. Deniz ÖZEN ÜNAL, Lec. Derya AKBAŞ, Lec. Derya GÜL ÖZTÜRK, Lec. Dilek AÇIKGÖZ KAYA, Lec. Doğukan Batur Alp GÜLŞEN, Lec. Duygu KAYA BİLECENOĞLU, Lec. Eda Duygu İPEK, Lec. Emine İNCİ, Lec. Emrah BAŞER, Lec. Erhan COŞKUN, Lec. Esin SAYIN, Lec. Esma DURUKAL, Lec. Esra ÖRENLİLİ YAYLAGÜL, Lec. Eyyüp Hakan UÇAR, Lec. Ferhat ŞİRİNYILDIZ, Lec. Feride ÖNCAN SÜMER, Lec. Filiz ERBAŞ, Lec. Fulya MÜRTEZA, Lec. Fulya TORUN, Lec. Galip GENÇ, Lec. Gamze Sevri EKREN AŞICI, Lec. Güliz Müge AKPINAR, Lec. Güliz UYAR GÜLEÇ, Lec. Gülizar Seda YILMAZ, Lec. Gülsüm KARAKAYA, Lec. Gülten Emek TUNA, Lec. Günver GÜNEŞ, Lec. Hafize Gül KOPARANOĞLU ARTUÇ, Lec. Halil İbrahim YILMAZ, Lec. Halil MUTİOĞLU, Lec. Hanife Can ŞEN, Lec. Harun KAYA, Lec. Hatice ARMUTCUOĞLU TEKİN, Lec. Hüseyin GÜL, Lec. Kamil BİRCAN, Lec. Kemal Ramazan HAYKIRAN, Lec. Mehmet ALTIN, Lec. Mehmet Atilla GÜLER, Lec. Mehmet AYDINER, Lec. Mehmet BAŞARAN, Lec. Mehmet ULUTAŞ, Lec. Mehtap YÜCEL GÜNGÖR, Lec. Meltem ÇENGEL SCHOVILLE, Lec. Mesut ÇAKIR, Lec. Muhittin ÇEKEN, Lec. Murat ARTUÇ, Lec. Mustafa DOĞANER, Lec. Müjdat AĞCAYAZI, Lec. Nisa BAŞARA BAYDİLEK, Lec. Nurettin TOPUZ, Lec. Nurtaç ÜSTÜNDAĞ KOCAKUŞAK, Lec. Onur DURUKAL, Lec. Onur TATLI, Lec. Osman NACAK, Lec. Özge BİKMAZ BİLGEN, Lec. Özgür BALMUMCU, Lec. Pelin KOÇAK KIZANLIK, Lec. Pınar Zarif TAPKAN, Lec. Rıfat AŞLIYAN, Lec. Rukiye AYDOĞAN, Lec. Rukiye YAVAŞER BONCOOĞLU, Lec. Sadık BÜYÜKYÖRÜK,								

	Lec. Safiye Pınar TUNALI, Lec. Sare İlknur YAVAŞOĞLU, Lec. Selcen ÖNCÜ, Lec. Selçuk GÖÇMEZ, Lec. Selin HACILARLIOĞLU, Lec. Sercan YAVAN, Lec. Serdar ÜNAL, Lec. Serhan ULUSAN, Lec. Sermin AĞRALI ERMİŞ, Lec. Simge KALAV, Lec. Sinan GÜÇLÜER, Lec. Şebnem ÖZKAN, Lec. Tahir YILMAZ, Lec. Tarık ILİMAN, Lec. Turgay ERAY, Lec. Uğur TATLISUMAK, Lec. Uğur UÇAN, Lec. Yılmaz ERDEM, Lec. Yüksel GİRGİN, Lec. Zeynep BOZKAN, Lec. Zühal GÜNDÜZ, Lec. Zümre ÖZDEMİR GÜLER, Prof. Abdullah ÖZDEMİR, Prof. Abdullah TANRISEVDİ, Prof. Adem ÖZDEMİR, Prof. Ahmad NAHMADOV, Prof. Ahmet Can BAKKALCI, Prof. Ahmet KILIÇKAN, Prof. Ahmet OKUMUŞ, Prof. Ahmet TOKSOY, Prof. Ali ÇELİK, Prof. Alpaslan GÖKÇİMEN, Prof. Altuğ ÖZDEN, Prof. Aslı SARAÇOĞLU, Prof. Aslı YENİPAZARLI, Prof. Aslı YORULMAZ, Prof. Asuman Seda SARACALOĞLU, Prof. Atakan HATİPOĞLU, Prof. Aydın ÜNAY, Prof. Aynur CİVELEK, Prof. Aysun SARIBEY HAYKIRAN, Prof. Ayşegül BİLDİK, Prof. Barış ATİKER, Prof. Barış KARA, Prof. Bayazıt MUSAL, Prof. Berfin KART TEPE, Prof. Bertan AKYOL, Prof. Bilge AYRANCI, Prof. Burçin ÖLÇÜCÜ, Prof. Bülent DENİZ, Prof. Bülent ULUTAŞ, Prof. Cafer TURGUT, Prof. Caner IŞIK, Prof. Cavit BİRCAN, Prof. Cemal İYEM, Prof. Cengiz İskender ÖZKAN, Prof. Cengiz ÖZARSLAN, Prof. Cumali ÖKSÜZ, Prof. Çağrı KÖROĞLU, Prof. Çiğdem KILIÇASLAN DENİZ, Prof. Deniz ÇOBAN, Prof. Dide KILIÇALP KILINÇ, Prof. Ece ARMAĞAN, Prof. Elif ALADAĞ, Prof. Emetullah Yasemin BOZDAĞLIOĞLU, Prof. Emine GERÇEK ÖTER, Prof. Ercan YEŞİLIRMAK, Prof. Erkan KIRAL, Prof. Erkan SALAN, Prof. Ersen YAZICI, Prof. Esin ACAR YÜREKLİ, Prof. Esra ALTINTAŞ, Prof. Eylem YILDIZ FEYZİOĞLU, Prof. Eyyüp Mennan YILDIRIM, Prof. Fatih Mehmet ŞİMŞEK, Prof. Fatma DEMİRKIRAN, Prof. Fatma Neval GENÇ, Prof. Feriştah SÖNMEZ, Prof. Ferit ÇOBANOĞLU, Prof. Funda KIRAL, Prof. Gizem DÖNMEZ YALÇIN, Prof. Gökhan CESUR, Prof. Göksel ARMAĞAN, Prof. Göksel ERBAŞ, Prof. Gül ERBAY ASLITÜRK, Prof. Gülengün TÜRK, Prof. Gürhan KELEŞ, Prof. Hacı Halil BIYIK, Prof. Hakan ARSLANER, Prof. Hakan HOTUNLUOĞLU, Prof. Hakkı Bülent BECERİKLİSOY, Prof. Halil Güner SEFEROĞLU, Prof. Halim ESEN, Prof. Hamza KAHRİMAN, Prof. Hasan EREN, Prof. Hatice EROL, Prof. Hatice ÖZENOĞLU, Prof. Hilal AKTAMIŞ, Prof. Hilal ŞAHİN NADEEM, Prof. Hilmiye AKSU, Prof. Hülya ARSLANTAŞ, Prof. Hüseyin ŞENKAYAS, Prof. Hüseyin ÜRETEN, Prof. Hüseyin VOYVODA, Prof. Hüseyin YILMAZ, Prof. Hüsniye ÇALIŞIR, Prof. Ilgaz AKDOĞAN, Prof. İbrahim CEMAL, Prof. İbrahim ÇAKMAK, Prof. İbrahim GENÇSOYLU, Prof. İçten Duygu ÖZBEK, Prof. İlknur BABAHAN BİRCAN, Prof. İlyas KARABIYIK, Prof. İmran KURT ÖMÜRLÜ, Prof. İnci EGE, Prof. İsmail BÖĞREKCİ, Prof. İsmet ATEŞ, Prof. Kamil Can BULUT, Prof. Kayhan DELİBAŞ, Prof. Kerem URAL, Prof. Kerim GÜNDOĞDU, Prof. Kürşat KARACABEY, Prof. Mehmet Erdemir GÜNDOĞMUŞ, Prof. Mehmet GÜLTEKİN, Prof. Mehmet Nedim DOĞAN, Prof. Mehmet ÖZDEMİR, Prof. Mehmet Tolga TAN, Prof. Mehmet TURGUT, Prof. Mehmet ULUKAN, Prof. Mesut KIRMACI, Prof. Muharrem BALKAYA, Prof. Muhsin ÖZDEMİR, Prof. Murat AYDAŞ, Prof. Murat ÇEKİLMEZ, Prof. Murat ŞENTUNA, Prof. Murat UYGUN, Prof. Mustafa Ali KAYNAK, Prof. Mustafa Ali SARILI, Prof. Mustafa ÇETİN, Prof. Mustafa KESEN, Prof. Mustafa Oner UZUN, Prof. Mustafa ÖZÇAĞ, Prof. Mustafa SÜRMEN, Prof. Mürsel ÖZDOĞAN, Prof. Necdet DAĞDELEN, Prof. Necmiye CÖMERTLER, Prof. Nermin KORUKLU, Prof. Nesrin ÖZSOY, Prof. Nilgün YENİCE, Prof. Nuh KILIÇ, Prof. Nuran AYSUL, Prof. Nursabah SARIKAVAKLI, Prof. Olcay ARABACI, Prof. Onur TOPOĞLU, Prof. Osman Eralp ÇOLAKOĞLU, Prof. Osman EREKUL, Prof. Osman Nuri ÖZDOĞAN, Prof. Osman Orkan ÖZER, Prof. Ömer ERİNCİK, Prof. Öner CANAVAR, Prof. Özge ÇEVİK, Prof. Özlem BALKIZ, Prof. Özlem TÜTÜNCÜLER BİRCAN, Prof. Pınar DEMİRCİOĞLU, Prof. Pınar YENGİN SARPKAYA, Prof. Recai TUNCA, Prof. Recep ÖZMERDİVENLİ, Prof. Recep TEKELİ, Prof. Ruhi SARPKAYA, Prof. Ruken AKAR VURAL, Prof. Sakine BOYRAZ ÖZKAVAK, Prof. Selim SEKKİN, Prof. Selin Muradiye AKÇAY, Prof. Sema OĞLAK, Prof. Serap SAVAŞAN, Prof. Serap ÜNÜBOL AYPAK, Prof. Serdal ÖĞÜT, Prof. Serdar PAŞA, Prof. Serkan BAKIRCI, Prof. Serkan ÖNCÜ, Prof. Sevgi ÖZSOY, Prof. Sevin KIRDAR, Prof. Sezai KOÇYİĞİT, Prof. Sezgin DEMİR, Prof. Soner ALADAĞ, Prof. Suat ATEŞLİER, Prof. Sultan BAYSAN, Prof. Şadiye KUM, Prof. Şerife AK, Prof. Şerife GENİŞ, Prof. Tanju DEMİR, Prof. Tarık TOTAN, Prof. Tendü Hilal GÖKTUĞ, Prof. Tilda SAYDI, Prof. Tuncay Ercan SEPETCİOĞLU, Prof. Turan AKKOYUN, Prof. Uğur ŞİRİN, Prof. Utku YAPICI, Prof. Yaşar KUZUCU, Prof. Yavuz KILIÇ, Prof. Yunus ÇERÇİ, Prof. Yusuf KADERLİ, Prof. Yücel BOZDAĞLIOĞLU, Prof. Zöhre POLAT, Res. Assist. Bakiye GÖKER BAĞCA

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Quiz	1	20
Attending Lectures	15	20
Report	1	60

Recommended or Required Reading	
1	İlgili Enstitü Tez yazım kılavuzu
2	Seçilen tez konusuyla ilgili ders notları
3	Tez konusuyla ilgili ulusal ve uluslararası tüm kitap ve yayınlar
4	E-kitap ve internet kaynakları

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	Learns the experience of the faculty members who have knowledge, experience and experience in the scientific field.
2	Has knowledge about scientific ethics and working discipline.
3	Gains the ability to evaluate and evaluate the current literature.
4	Students will be able to understand the theoretical knowledge about the thesis and follow the latest scientific developments.
5	Be able to make an article review about the thesis subject and turn the thesis topic into a project.
6	Students can write their thesis according to the rules of writing.

Programme Outcomes *(Mathematics Education Master)*

1	Learns sufficient theoretical knowledge in the field of mathematics education
2	Uses theoretical knowledge in educational settings
3	Integrates mathematics education knowledge with the other disciplines and products functional knowledge
4	Uses information and communication technologies efficiently in conceptual learning
5	Finds scientific solutions to the problems in the field of mathematics education
6	Evaluates the knowledge critically in the field
7	Participates team projects in the mathematics education field
8	Shares national and international data in the field of mathematics education
9	Comprehends and evaluates science-technology-society and mathematics interactions
10	Comprehends mathematics under the ethical values and takes account of ethical considerations
11	Follows the current development in the mathematics education field
12	Develops strategical plans and evaluates them in the context of quality processes
13	Adopts lifelong learning strategies to his/her studies

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	4	4	4	4	4	4
P2	5	4	5	5	5	5
P3	4	4	4	4	4	4
P4	4	5	5	5	5	5
P5	4	4	4	4	4	4
P6	5	5	4	5	5	4

P7	4	4	4	4	4	4
P8	5	5	5	5	5	4
P9	4	4	4	4	4	5
P10	5	4	4	4	5	4
P11	4	4	5	4	4	5
P12	4	5	4	5	4	4
P13	3	3	3	3	3	3