AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Fields of Specialization II								
Course Code	UZM702		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. Algın OKURSOY, Assoc. Prof. Ali Emre DİNGİN, Assoc. Prof. Ali İhsan YAPICI, Assoc. Prof. Atilla DÖNÜK, Assoc. Prof. Aydın ERÖN, Assoc. Prof. Ayfer METİN TELLİOĞLU, Assoc. Prof. Aynur UÇKAÇ, Assoc. Prof. Aysun GÜR, 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. Burak FEYZİOĞLU, Assoc. Prof. Bülent ÇELİK, Assoc. Prof. Ceren DİNLER AY, Assoc. Prof. Ceren SAYGI GERÇEKER, Assoc. Prof. Coşkun DENİZ, Assoc. Prof. Çağatay DERECELİ, Assoc. Prof. Derya GÜLÇİN, 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. Emrah HİĞDE, Assoc. Prof. Emre ERDAN, Assoc. Prof. Emre SEVİNDİK, Assoc. Prof. Engin ÇAKIR, Assoc. Prof. Erdal İSBİR, Assoc. Prof. Eren Alper YILMAZ, Assoc. Prof. Eren Ekin ERCAN, Assoc. Prof. Erkan GÜMÜŞ, Assoc. Prof. Erman ORYAŞIN, Assoc. Prof. Ersel YILMAZ, Assoc. Prof. Esin ERGİN, Assoc. Prof. Esin ÖZER, Assoc. Prof. Esin POYRAZOĞLU, Assoc. Prof. Evin ERDEN TOPOĞLU, Assoc. Prof. Eyüp YILMAZ, Assoc. Prof. Fatih ERSAN, Assoc. Prof. Fatih Mehmet YILMAZ, Assoc. Prof. Ferda ZAMBAK, Assoc. Prof. Funda ODUNCUOĞLU, Assoc. Prof. Gökhan ÇINAR, Assoc. Prof. Gökhan Şefik ERKURT, Assoc. Prof. Gözde Başak ÖZTÜRK ÖZERAY, Assoc. Prof. Gözde İNAL, Assoc. Prof. Gülnur KARAKAŞ TANDOĞAN, Assoc. Prof. Gülşah SEZEN AKAR, Assoc. Prof. Gülşen GÜVEN, Assoc. Prof. Hakan ATAY, Assoc. Prof. Hasan ERDOĞAN, Assoc. Prof. Hasan GÜLER, Assoc. Prof. Hasan GÜLTEKİN, Assoc. Prof. Hasan ULUKAN, Assoc. Prof. Hatice AKDAĞ, Assoc. Prof. Hatice GÜNEŞ, Assoc. Prof. Hatice ÖNER, Assoc. Prof. Kevser TOZDUMAN YARALI, Assoc. Prof. Keziban AMANAK, 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. Meryem NAKİBOĞLU, Assoc. Prof. Mesut GÜNENÇ, Assoc. Prof. Muattar Demet DOĞRUÖZ, Assoc. Prof. Musa GÜMÜŞ, Assoc. Prof. Mustafa AKKAYA, Assoc. Prof. Mustafa ASKER, Assoc. Prof. Mustafa GÜLLÜBAĞ, Assoc. Prof. Muzaffer Özgür YANARDAĞ, Assoc. Prof. Münevver Mine ÖZYETKİN, Assoc. Prof. Müslime GÜNEŞ, Assoc. Prof. Nazlı Gülriz ÇERİ, 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. Pero Duygu DUMANGÖZ, Assoc. Prof. Rahime YAYGINGÜL, Assoc. Prof. Rahşan ÇAM, Assoc. Prof. Safiye ÖZVURMAZ, Assoc. Prof. Saime SEFEROĞLU, Assoc. Prof. Seda ÖRENAY BOYACIOĞLU, Assoc. Prof. Sedat AKKURNAZ, Assoc. Prof. Sedat ALATAŞ, Assoc. Prof. Seher SARIKAYA KARABUDAK, Assoc. Prof. Semra KÜÇÜK, Assoc. Prof. Serap GÖKÇE ESKİN, Assoc. Prof. Soner Sertan KARA, Assoc. Prof. Songül ERDOĞAN, Assoc. Prof. Sultan ÖZKAN, Assoc. Prof. Şaban ERTEKİN, 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. Vedat ACAR, Assoc. Prof. Yakup Onur KOCA, Assoc. Prof. Yasin YILDIZ, Assoc. Prof. Yelda EMEK, Assoc. Prof. Zahide ÖZDEMİR, Lec. Abdullah AKPINAR, Lec. Adil Adnan ÖZTÜRK, Lec. Ahmet Önder ÜSTÜNDAĞ, Lec. Ali CENGİZ, Lec. Ali Erdem AKGÜL, Lec. Ali GÜREŞ, Lec. Alpay BÜLBÜL, Lec. Alper YORULMAZ, Lec. Arzu TANIŞ ÖZÇELİK, Lec. Aslı ZUNGUR BASTIOĞLU, Lec. Asude Gülçe ORYAŞIN, Lec. Ayçıl ÖZTURAN ŞİRİN, Lec. Aylin UĞURLU, 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. Betül ALTAY ÖZTÜRK, Lec. Birsen KIRIM, Lec. Burcu ALTUN BİRGÜN, Lec. Burcu HİÇYILMAZ, Lec. Büşra KİBAR KURT, Lec. Cihan DOĞAN, Lec. Çağdaş GÖRÜCÜ, Lec. Demet AKDENİZ, Lec. Deniz ÖZEN ÜNAL, Lec. Derya GÜL ÖZTÜRK, Lec. Devrim BEYAZ, Lec. Dilek AÇIKGÖZ KAYA, Lec. Dilek Elvan ÇOKİŞLER, Lec. Durcan Özgün SARIOĞLU, Lec. Duygu KAYA BİLECENOĞLU, Lec. Ebru Özlem YILMAZ, Lec. Elvan KESER, Lec. Emin YİĞİT, Lec. Emine İNCİ, Lec. Erdal ÖZYURT, Lec. Erhan COŞKUN, Lec. Erkmen Tuğrul EPİKMEN, Lec. Esin SAYIN, Lec. Esma DURUKAL, Lec. Esra ÖRENLİLİ YAYLAGÜL, Lec. Eyyüp Hakan UÇAR, Lec. Fatih SOYGAZİ, Lec. Ferhat KİREMİT, Lec. Ferhat ŞİRİNYILDIZ, Lec. Feride ÖNCAN SÜMER, Lec. Filiz ERBAŞ, Lec. Fulya TORUN, Lec. Galip GENÇ, Lec. Gamze Sevri EKREN AŞICI, Lec. Gönül TEZCAN, Lec. Gülizar Seda YILMAZ, Lec. Gülsüm KARAKAYA, Lec. Gülten Emek TUNA, Lec. Güneş Açelya SİPAHİ, Lec. Günver GÜNEŞ, Lec. Hafize Gül KOPARANOĞLU ARTUÇ, Lec. Halil MUTİOĞLU, Lec. Hanife Can ŞEN, Lec. Harun KAYA, Lec. Hatice ARMUTCUOĞLU TEKİN, Lec. Hatice YILDIZ, Lec. Hikmet MENGÜASLAN, Lec. Hulusi AKÇAY, Lec.								

	Hüseyin GÜL, Lec. Kamil BİRCAN, Lec. Kemal Ramazan HAYKIRAN, Lec. Korkmaz YILDIRIM, Lec. Mehmet ALTIN, Lec. Mehmet Atilla GÜLER, Lec. Mehmet AYDINER, Lec. Mehmet BAŞARAN, Lec. Mehtap KIZILKAYA, Lec. Mehtap YÜCEL GÜNGÖR, Lec. Melis YALÇIN, Lec. Meltem IŞIK AFACAN, Lec. Mesut ÇAKIR, Lec. Murat ARTUÇ, Lec. Mustafa Ali KAPTAN, Lec. Mustafa DOĞANER, Lec. Müjdat AĞCAYAZI, Lec. Mümtaz YILMAZ, Lec. Neşe ERDEM, Lec. Nisa BAŞARA BAYDİLEK, Lec. Niyazi KÜÇÜK, Lec. Nurettin TOPUZ, Lec. Nurtaç ÜSTÜNDAĞ KOCAKUŞAK, Lec. Okan ARSLAN, Lec. Onur DURUKAL, Lec. Onur TATLI, Lec. Osman NACAK, Lec. Özge SARIOT ERTÜRK, Lec. Özgür BALMUMCU, Lec. Özlem AKAN, Lec. Pınar ELMAS, Lec. Rıfat AŞLIYAN, Lec. Rukiye YAVAŞER BONCOOĞLU, Lec. Sadık BÜYÜKYÖRÜK, Lec. Safiye Pınar TUNALI, Lec. Sare İlknur YAVAŞOĞLU, Lec. Selcen ÖNCÜ, Lec. Selçuk GÖÇMEZ, Lec. Selda BULCA, Lec. Sercan YAVAN, Lec. Serdar ÜNAL, Lec. Serhan ULUSAN, Lec. Sermin AĞRALI ERMİŞ, Lec. Sevdiye YORGANCI, Lec. Sevil ÖZCAN, Lec. Sibel ŞEKER, Lec. 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Prerequisites & Co-requisities	
Prerequisite	UZM701

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	Subject expression, problem solving for creating scientific foundations of the study of expertise
2	Theoretical	Subject expression, problem solving for creating scientific foundations of the study of expertise
3	Theoretical	Subject expression, problem solving for creating scientific foundations of the study of expertise
4	Theoretical	Subject expression, problem solving for creating scientific foundations of the study of expertise
5	Theoretical	Data collection methods related to the field of expertise
6	Theoretical	Classification and evaluation of data related to the field of expertise
7	Theoretical	Statistical evaluation methodology
8	Theoretical	Presentation of a scientific paper related to the field of specialization
9	Theoretical	Presentation of a scientific paper related to the field of specialization
10	Theoretical	Presentation of a scientific paper related to the field of specialization
11	Theoretical	Scientific sample dissertation study suitable for specialization study
12	Theoretical	Scientific sample dissertation study suitable for specialization study
13	Theoretical	Examination of the thesis prepared for the specialization study
14	Theoretical	Examination of the thesis prepared for the specialization study
15	Theoretical	Examination of the thesis prepared for the specialization study

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