



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Fields of Specialization II								
Course Code	UZM702			Course 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. Algin 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. 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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. Birsan 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 ÇOKIŞLER, 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. Esmâ 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 SİPAHI, 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.								



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Prerequisites & Co-requisites

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 Master)

1	To be able to have an adequate theoretical and practical domain knowledge.
2	To be able to comprehend the interdisciplinary interaction associated with Mathematics.
3	To be able to use theoretical and practical domain knowledge gained in the field of Mathematics.
4	To be able to interpret knowledge from different disciplines integrating knowledge in the field of mathematics and produce new information.
5	To be able to define, analyse, model and to solve the problems by scientific methods in Mathematics.
6	To be able to conduct a math related specialistic study independently.
7	To be able to develop new strategic approaches to solve problems occurred in unforeseen and complex math-related applications by taking responsibility.



8	To be able to lead in situations that require solving problems related to the mathematics.
9	To be able to criticize his/her knowledge and skills acquired in the field mathematics.
10	To be able to transfer his/her ideas and suggestions for solutions to problems by supporting quantitative or qualitative data verbally and in writing.
11	To be able to communicate both orally and written in a foreign language.
12	To be able to use computer hardware and information technologies with software required by Mathematics.
13	To be able to contribute to the solution of the social, scientific, cultural and ethical problems related to the Mathematics, and being able to support the development of social, scientific, cultural and ethical values.
14	To be able to develop mathematics-related strategies, policies and operational plans, and to evaluate the results obtained within the framework of quality processes.
15	To be able to use his/her knowledge in the field of mathematics and practical problem-solving skills in interdisciplinary 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	5	4	5	5	4	4
P4	4	5	5	5	4	4
P5	5	4	4	5	5	4
P6	4	4	4	5	4	5
P7	5	4	4	5	4	4
P8	4	4	4	4	4	5
P9	5	4	4	4	4	4
P13	4	4	4	4	4	4
P14	4	4	3	5	3	4

