



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Fields of Specialization IV							
Course Code		UZM804		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	8	Workload	200 (Hours)	Theory	8	Practice	0	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), Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Ali PETEK, Assoc. Prof. Aziz BOSTAN, Assoc. Prof. Behiç Alp AYTEKİN, Assoc. Prof. Belgin YILDIRIM, Assoc. Prof. Beste DİNÇER, Assoc. Prof. Bülent ÖZSOY, Assoc. Prof. Çağatay DERECELİ, Assoc. Prof. Emre ERDAN, Assoc. Prof. Engin ÇAKIR, Assoc. Prof. Erkan ÇETİNKAYA, Assoc. Prof. Fatih Mehmet YILMAZ, Assoc. Prof. Gülnur KARAKAŞ TANDOĞAN, Assoc. Prof. Hakan ATAY, Assoc. Prof. Hasan ERDOĞAN, Assoc. Prof. Hasan GÜLER, Assoc. Prof. Hüseyin Bilgin BİLGİÇ, Assoc. Prof. Keziban AMANAK, Assoc. Prof. Mehmet BÖLÜKBAŞ, Assoc. Prof. Mehmet Mustafa KARACA, Assoc. Prof. Mine GEÇGELEN CESUR, Assoc. Prof. Müslime GÜNEŞ, Assoc. Prof. Nurdan GEZER, Assoc. Prof. Olcay BOYACIOĞLU, Assoc. Prof. Seher SARIKAYA KARABUDAK, Assoc. Prof. Sultan ÖZKAN, Assoc. Prof. Şahin BULUT, Assoc. Prof. Şansel ÖZPINAR, Assoc. Prof. Tuncay SAYGIN, Lec. Aylin UĞURLU, Lec. Bilge DOĞANLI, Lec. Esin SAYIN, Lec. Hikmet MENGÜASLAN, Lec. Hulusi AKÇAY, Lec. Mehmet AYDINER, Lec. Mehmet ULUTAŞ, Lec. Özlem BOZKURT GİRİT, Lec. Selda BULCA, Lec. Sercan YAVAN, Lec. Sevil ÖZCAN, Lec. Taner BULUT, Lec. Yılmaz ERDEM, Lec. Yusuf Ziya ŞİPAL, Lec. Zeynep BOZKAN, Prof. Abdullah TANRISEVDİ, Prof. Ahmet Can BAKKALCI, Prof. Ahmet CEYLAN, Prof. Ali BELGE, Prof. Alpaslan GÖKÇİMEN, Prof. Aslı YORULMAZ, Prof. Atakan KOÇ, Prof. Ayden ÇOBAN, Prof. Aydın ÜNAY, Prof. Ayşe Demet KARAMAN, Prof. Ayşegül BİLDİK, Prof. Bayazıt MUSAL, Prof. Bekir Hakan KÖKSAL, Prof. Bülent BOZDOĞAN, Prof. Bülent ULUTAŞ, Prof. Cavit KUM, Prof. Çağdaş AKGÜLLÜ, Prof. Elif ALADAĞ, Prof. Emel CEYLAN, Prof. Emetullah Yasemin BOZDAĞLIOĞLU, Prof. Emine Didem EVCI KIRAZ, Prof. Engin ERTAN, Prof. Ergün Ömer GÖKSOY, Prof. Ethem AKTÜRK, Prof. Fatma ÇAKIR, Prof. Fatma DEMİRKIRAN, Prof. Fatma Neval GENÇ, Prof. Ferda AKAR, Prof. Feriştah SÖNMEZ, Prof. Filiz ADANA, Prof. Filiz KÖK, Prof. Funda KIRAL, Prof. Gamze BAŞBÜLBÜL, Prof. Gonca GÜNVER DALKILIÇ, Prof. Gökhan CESUR, Prof. Göksel ERBAŞ, Prof. Hamdi AVCI, Prof. Hamza KAHRİMAN, Prof. Hasan EREN, Prof. Hasan Hüseyin KART, Prof. Hatice ERTABAKLAR, Prof. Hayrettin ÇETİN, Prof. Hayriye Değer ORAL TOPLU, Prof. Hilal ŞAHİN NADEEM, Prof. Hülya ARSLANTAŞ, Prof. Hümeysra ÜNSAL, Prof. Hüsnüye ÇALIŞIR, Prof. Hüsnü Erbay BARDAKÇIOĞLU, Prof. Işıl SÖNMEZ, Prof. İbrahim AKIN, Prof. İbrahim CEMAL, Prof. İçten Duygu ÖZBEK, Prof. İsmail BÖGREKÇİ, Prof. Kadir Serdar DİKER, Prof. Kerem URAL, Prof. Kerim GÜNDOĞDU, Prof. Kürşat KARACABEY, Prof. Mehmet BİLGİN, Prof. Mehmet Dinçer BİLGİN, Prof. Mehmet Erkut KARA, Prof. Mehmet GÜLTEKİN, Prof. Mehmet ÖZDEMİR, Prof. Mehmet ULUKAN, Prof. Mehtap KILIÇ EREN, Prof. Melih AKSOY, Prof. Mesut KIRMACI, Prof. Mihrican MUTİ, Prof. Muhammet Emin GÜNAY, Prof. Muharrem BALKAYA, Prof. Murat BOYACIOĞLU, Prof. Murat SARIERLER, Prof. Murat UYGUN, Prof. Murat YILMAZ, Prof. Mustafa ÖZÇAĞ, Prof. Mustafa SANDIKÇI, Prof. Necmiye CÖMERTLER, Prof. Nihat TOPLU, Prof. Nuh KILIÇ, Prof. Osman PEKER, Prof. Ömer Barış ÜZÜM, Prof. Özcan CENGİZ, Prof. Pınar Alkım ULUTAŞ, Prof. Pınar DEMİRCİOĞLU, Prof. Rahşan ÇEVİK AKYIL, Prof. Recep KUTLUBAY, Prof. Recep ÖZMERDİVENLİ, Prof. Ruhi SARP KAYA, Prof. Sakine BOYRAZ ÖZKAVAK, Prof. Serap SAVAŞAN, Prof. Serap ÜNÜBOL AYPAK, Prof. Serdar PAŞA, Prof. Süheyla TÜRKYILMAZ, Prof. Süleyman AYPAK, Prof. Sündüz Özlem ALTINKAYA, Prof. Şerife GENİŞ, Prof. Şükrü KIRKAN, Prof. Tülin AKŞİT, Prof. Tülin KARAGENÇ, Prof. Uğur PARIN, Prof. Vehbi Uğur TANDOĞAN, Prof. Yusuf KADERLİ, Prof. Zekiye KARACAM							

### Prerequisites & Co-requisites

Prerequisite	UZM803
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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
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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	Scientific study planning
2	Theoretical	Scientific study planning
3	Theoretical	To be able to reach scientific resources related to the field of specialization
4	Theoretical	To be able to reach scientific resources related to the field of specialization
5	Theoretical	Methodological information on the field of expertise
6	Theoretical	Methodological information on the field of expertise
7	Theoretical	Reviewing and evaluating a scientific paper
8	Theoretical	Reviewing and evaluating a scientific paper
9	Theoretical	How to write a scientific paper about the area of ??specialization
10	Theoretical	How to write a scientific paper about the area of ??specialization
11	Theoretical	Presentation of a scientific paper related to the field of specialization
12	Theoretical	Presentation of a scientific paper related to the field of specialization
13	Theoretical	Preparing and presenting sample papers related to the field of expertise
14	Theoretical	Scientific sample dissertation study suitable for 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	To learn universal norms about thesis study.
2	To learn about ethical rules.
3	To have knowledge about the history and philosophy of science.
4	To work in coordination with his / her supervisor.
5	The idea of the thesis is to investigate, project and execute.
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 (Orthodontics Doctorate)	
1	Must know the transition procedure from primary dentition to permanent dentition, tooth eruption guidance, the precautions for tooth absence and bad habits.
2	May be able to diagnose the orthodontic malocclusion and able to present treatment alternatives for the case.
3	May be able to apply the analysis necessary for diagnosis, such as cephalometric analysis and model analysis and must know the occlusion.
4	Must know the orthodontic tooth movement, the force necessary for the tooth movement, and be able to take the precautions according to the unwanted tooth movements.
5	Must be able to diagnose the functional malocclusions and apply functional appliances.
6	Must be able to apply fixed treatment techniques used in our clinic such as edgewise, Roth, Alexander, MBT
7	Must be aware of the new treatment techniques and improvements in orthodontics.
8	Must know how the craniofacial complex develops and be able to follow the patient's development and growth.
9	Must be able to know how to apply removable appliances and their fabrication and their effects.



10 Must know about the retention period for the patient in order to keep the treatment results stable.

**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	2	3	2	5	4	5	4
P2	3	4	3	4	5	4	3
P3	4	3	2	3	4	3	5
P4	3	2	3	5	3	4	3
P5	2	3	4	5	4	4	2
P6	5	4	5	4	5	3	4
P7	3	3	4	5	3	2	5
P8	5	3	3	5	2	5	3
P9	2	4	4	5	4	4	2
P10	4	3	5	5	5	2	4

