



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|--|-------------|---|---|--------------------------------|---|------------|---|
| Course Title | | Fields of Specialization II | | | | | | | |
| Course Code | | UZM802 | | 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. Ahu YAZICI AYYILDIZ, Assoc. Prof. Ali Emre DİNGİN, Assoc. Prof. Aydın ERÖN, Assoc. Prof. Ayşe ELİTOK KESİCİ, Assoc. Prof. Beste DİNÇER, Assoc. Prof. Bilgen KIRAL, Assoc. Prof. Dilan TÜYSÜZ, Assoc. Prof. Engin ÇAKIR, Assoc. Prof. Erdoğan MALATYALI, Assoc. Prof. Erkan GÜMÜŞ, Assoc. Prof. Esin OKTAY, Assoc. Prof. Hatice ÖNER, Assoc. Prof. Kadriye Görkem ULU GÜZEL, Assoc. Prof. Keziban AMANAK, Assoc. Prof. Kıymet YAVUZASLAN, Assoc. Prof. Mehmet BÖLÜKBAŞ, Assoc. Prof. Mehmet Umut TUNCER, Assoc. Prof. Pelin ERDAL AYTEKİN, Assoc. Prof. Safiye ÖZVURMAZ, Assoc. Prof. Serap GÖKÇE ESKİN, Assoc. Prof. Songül ERDOĞAN, Assoc. Prof. Sultan KELEŞ, Assoc. Prof. Şahin BULUT, Assoc. Prof. Yelda Özlem KÖLGELİER, Lec. Arzu ÖZVER, Lec. Bengü DEPBOYLU, Lec. Ece KOÇ YILDIRIM, Lec. Erkmen Tuğrul EPİKMEN, Lec. Esin SAYIN, Lec. Esmâ DURUKAL, Lec. Ferhat ŞİRİNYILDIZ, Lec. Gülizar Seda YILMAZ, Lec. Levent ATATANIR, Lec. Mehmet AYDINER, Lec. Serdar ÜNAL, Lec. Yılmaz ERDEM, Lec. Zeynep BOZKAN, Prof. Abdullah ÖZDEMİR, Prof. Ahmad NAHMADOV, Prof. Ahmet Can BAKKALCI, Prof. Atakan KOÇ, Prof. Ayden ÇOBAN, Prof. Aydın ÜNAY, Prof. Aytaç Gürhan GÖKÇE, Prof. Bekir Hakan KÖKSAL, Prof. Bertan AKYOL, Prof. Burçin ÖLÇÜCÜ, Prof. Bülent BOZDOĞAN, Prof. Deniz AKTAŞ UYGUN, Prof. Elif ALADAĞ, Prof. Emetullah Yasemin BOZDAĞLIOĞLU, Prof. Emine Didem EVCİ KIRAZ, Prof. Ergün Ömer GÖKSOY, Prof. Erkan KIRAL, Prof. Erkan SALAN, Prof. Ferda AKAR, Prof. Feriştah SÖNMEZ, Prof. Filiz ADANA, Prof. Filiz KÖK, Prof. Göksel ERBAŞ, Prof. Gönül AYDIN, Prof. Gülgün TÜRK, Prof. Hakan HOTUNLUOĞLU, Prof. Hamdi AVCI, Prof. Hilal AKTAMIŞ, Prof. Hilal ŞAHİN NADEEM, Prof. Hudai YILMAZ, Prof. Hülya ARSLANTAŞ, Prof. Hüseyin ÇELİK, Prof. Hüsnîye ÇALIŞIR, Prof. İsmet ATEŞ, Prof. Kadir Serdar DİKER, Prof. Kemal ERGİN, Prof. Kerim GÜNDOĞDU, Prof. Mehmet Nedim DOĞAN, Prof. Mehtap KILIÇ EREN, Prof. Mihrican MUTİ, Prof. Murat ÇEKİLMEZ, Prof. Murat SARIERLER, Prof. Murat UYGUN, Prof. Musa Şamil AKYIL, Prof. Mustafa ÖZÇAĞ, Prof. Mustafa Özgür SEÇİM, Prof. Mustafa SÜRMEN, Prof. Olcay ARABACI, Prof. Osman Eralp ÇOLAKOĞLU, Prof. Osman Nuri ÖZDOĞAN, Prof. Osman PEKER, Prof. Özge ÇEVİK, Prof. Ruhi SARP KAYA, Prof. Ruken AKAR VURAL, Prof. Selim SEKKİN, Prof. Serap AÇIKGÖZ, Prof. Serap SAVAŞAN, Prof. Serdal ÖĞÜT, Prof. Serdar PAŞA, Prof. Sevgi ÖZSOY, Prof. Suat ATEŞLİER, Prof. Sündüz Özlem ALTINKAYA, Prof. Şadiye KUM, Prof. Şerife GENİŞ, Prof. Şule Yurdağül ÖZSOY, Prof. Şükrü KIRKAN, Prof. Uğur PARİN, Prof. Ümit TATLIÇAN, Prof. Yunus ÇERÇİ, Prof. Zekiye KARAÇAM | | | | | | | |

Prerequisites & Co-requisites

| | |
|--------------|--------|
| Prerequisite | UZM801 |
|--------------|--------|

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 | 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 (Chemistry Doctorate)

| | |
|---|---|
| 1 | Depending on the master degree competences, develops, insights and innovates current and advanced knowledge and/or research in proficiency level. |
| 2 | Gains high skill levels in using research methods in the field of his/her study. |
| 3 | Comprehends the interaction between disciplines related to his/her field. Reaches to original results using his/her expertise in order to analyze, synthesize and evaluate new and complicated ideas. |
| 4 | Enlarges the boundaries of his/her field of knowledge by publishing at least one research paper in national and/or international peer-reviewed journals. |
| 5 | Defends his/her original opinions related to his/her field before authority and communicates effectively illustrating his/her competence. |
| 6 | May communicate and debate written, orally and visually in European Language Portfolio level C1. |
| 7 | Follows the developments in computer software and information and communication technologies developed for his/her research area and uses these in order to solve research problems. |
| 8 | Collaborates for scientific research with national and international research teams. |
| 9 | Contributes to the course of creation and maintenance of knowledge based society and by introducing the scientific, social and cultural developments to the society he/she is living in. |

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 | 5 | | 5 | 5 | 5 | | |
| P2 | 5 | | | | 5 | | |
| P3 | 5 | | 5 | | 5 | | |



| | | | | | | | |
|----|---|---|--|---|---|---|---|
| P4 | 5 | 5 | | | 5 | 5 | |
| P5 | 5 | | | | 5 | | |
| P8 | | | | 5 | | 5 | |
| P9 | | | | | | 5 | 5 |

