



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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| 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. Ahu YAZICI AYYILDIZ, Assoc. Prof. Ayşe ELİTOK KESİCİ, Assoc. Prof. Beste DİNÇER, Assoc. Prof. Cennet ŞAFAK ÖZTÜRK, Assoc. Prof. Engin ÇAKIR, Assoc. Prof. Erdoğan MALATYALI, Assoc. Prof. Erkan GÜMÜŞ, Assoc. Prof. Erkmn Tuğrul EPIKİMEN, Assoc. Prof. Gülşah SEZEN, Assoc. Prof. Hakan ATAY, Assoc. Prof. Hasan GÜLER, Assoc. Prof. Keziban AMANAK, Assoc. Prof. Mehmet ŞAKİROĞLU, Assoc. Prof. Melek Ece ÖNCÜER ÇİVİCİ, Assoc. Prof. Muattar Demet DOĞRUÖZ, Assoc. Prof. Nilgün SOFUOĞLU KILIÇ, Assoc. Prof. Nükhet BALLIEL, Assoc. Prof. Rahime YAYGINGÜL, Assoc. Prof. Sedat AKKURNAZ, Assoc. Prof. Serap GÖKÇE ESKİN, Assoc. Prof. Şahin BARANOĞLU, Assoc. Prof. Vedat ACAR, Assoc. Prof. Yelda Özlem KÖLGELIER, Assoc. Prof. Zeynep BOZKAN ÜNAL, Lec. Ayten CAN, Lec. Başak DOĞAN, Lec. Bengü DEPBOYLU, Lec. Ece KOÇ YILDIRIM, Lec. Gülizar Seda YILMAZ, Lec. Mehmet BAŞARAN, Lec. Mehtap KIZILKAYA, Lec. Mehtap YÜCEL GÜNGÖR, Lec. Neşe ERDEM, Lec. Özge SARIOT ERTÜRK, Lec. Selda BULCA, Lec. Sibel ŞEKER, Prof. Ahmet Can BAKKALCI, Prof. Ahmet CEYLAN, Prof. Ali BELGE, Prof. Aslı İCİL TUNCER, Prof. Ayden ÇOBAN, Prof. Ayfer METİN TELLİOĞLU, Prof. Aysun SARIBEY HAYKIRAN, Prof. Aytül UÇAK KOÇ, Prof. Barış ATİKER, Prof. Bayazıt MUSAL, Prof. Bekir Hakan KÖKSAL, Prof. Bertan AKYOL, Prof. Bilgen KIRAL, Prof. Bülent BOZDOĞAN, Prof. Cavit KUM, Prof. Deniz AKTAŞ UYGUN, Prof. Ece ARMAĞAN, Prof. Emel CEYLAN, Prof. Emetullah Yasemin BOZDAĞLIOĞLU, Prof. Engin ERTAN, Prof. Erdal İSBİR, Prof. Ergün Ömer GÖKSOY, Prof. Erkan SALAN, Prof. Fatih Mehmet YILMAZ, Prof. Ferda AKAR, Prof. Filiz ADANA, Prof. Filiz KÖK, Prof. Gökhan CESUR, Prof. Göksel ERBAŞ, Prof. Güलगün TÜRK, Prof. Güneş ERDOĞAN, Prof. Hacer HARLAK, Prof. Hacı Halil BIYIK, Prof. Hamdi AVCI, Prof. Hasan ERDOĞAN, Prof. Hatice ERTABAĞLAR, Prof. Hatice ÖZENOĞLU, Prof. Hilal AKTAMIŞ, Prof. Hilal ŞAHİN NADEEM, Prof. Hülya ARSLANTAŞ, Prof. Hüseyin ÜRETEN, Prof. Hüsnüye ÇALIŞIR, Prof. Işıl SÖNMEZ, Prof. İbrahim ÇAKMAK, Prof. İsmail BÖGREKÇİ, Prof. Kadir Serdar DİKER, Prof. Kadriye Görkem ULU GÜZEL, Prof. Kemal ERGİN, Prof. Kerem URAL, Prof. Kerim GÜNDOĞDU, Prof. Levent KARAGENÇ, Prof. Mehmet Dinçer BİLGİN, Prof. Mehmet Erkut KARA, Prof. Mehmet ÖZDEMİR, Prof. Mehtap KILIÇ EREN, Prof. Melih AKSOY, Prof. Muhammet Emin GÜNAY, Prof. Murat SARIERLER, Prof. Murat UYGUN, Prof. Mustafa Ali SARILI, Prof. Mustafa Oner UZUN, Prof. Mustafa ÖZÇAĞ, Prof. Mustafa SÜRMEK, Prof. Nazan ÜZÜM, Prof. Nefati KIYLIOĞLU, Prof. Nihat TOPLU, Prof. Oğuz TÜRKÖZAN, Prof. Orhan KARACA, Prof. Osman Eralp ÇOLAKOĞLU, Prof. Osman Nuri ÖZDOĞAN, Prof. Ömer Barış ÜZÜM, Prof. Özge ÇEVİK, Prof. Özlem TÜTÜNCÜLER BİRCAN, Prof. Pınar DEMİRCİOĞLU, Prof. Pınar YENGIN SARP KAYA, Prof. Raşan ÇEVİK AKYIL, Prof. Renan TUNALIOĞLU, Prof. Safiye ÖZVURMAZ, Prof. Selim SEKKİN, Prof. Serdal ÖGÜT, Prof. Suat ATEŞLİER, Prof. Sultan KELEŞ, Prof. Süheyla TÜRKİYILMAZ, Prof. Süleyman AYPAK, Prof. Sündüz Özlem ALTINKAYA, Prof. Şadiye KUM, Prof. Şerife GENİŞ, Prof. Şule Yurdağül ÖZSOY, Prof. Şükrü KIRKAN, Prof. Uğur PARIN, Prof. Ülker ÇOLAKOĞLU, Prof. Vehbi Uğur TANDOĞAN, Prof. Yunus ÇERÇİ, Prof. Zekiye KARAÇAM |              |             |        |                                |          |   |            |   |

### Prerequisites & Co-requisites

|              |        |
|--------------|--------|
| Prerequisite | UZM803 |
|--------------|--------|

### 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 & Teaching Methods

|   |             |                           |
|---|-------------|---------------------------|
| 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 (Food Engineering Doctorate)

|   |                                                                                                                                                                                                                                                                                          |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Developing and investigating the details of current and advanced knowledge in the field of Food Engineering by original thought and/or research on the level of expertise based on the graduate qualification and reaching to the original definitions that bring innovation to science. |
| 2 | Gain of ability of develop strategies, policies and implementation plans in the field of food engineering and evaluate the results within the framework of quality processes.                                                                                                            |
| 3 | Gain of ability to perceive, design, evaluate and finish an original process by using and following the knowledge of the recent developments in the engineering fields.                                                                                                                  |
| 4 | Gain of ability of making critical analysis, synthesis and evaluation of ideas and development in food engineering field                                                                                                                                                                 |
| 5 | Having advanced knowledge of food science and its applications based on doctoral level qualifications.                                                                                                                                                                                   |

### 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  |    |    |    | 1  |
| P2 | 2  | 3  |    |    | 2  |    |    |
| P3 |    | 1  |    |    |    | 2  |    |
| P4 | 1  |    |    | 3  |    |    |    |
| P5 |    |    | 1  |    |    |    |    |

