| COURSE INFORMATON | | | | | |
|---|---|---|---|---|---|
| **Course Title** | *Code* | *Semester* | *L+P+L Hour* | *Credits* | *ECTS* |
| Special Topics in Sustainable Food Systems | SFS 562 | Fall | 3 + 0 + 0 | 3 | 10 |

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| **Prerequisites** | - |

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| **Language of Instruction** | English |
| **Course Level** | Master's degree |
| **Course Type** | Elective |
| **Course Coordinator** | |
| **Instructors** | Assoc. Prof. Özlem Güçlü Üstündağ |
| **Assistants** | |
| **Goals** | This course aims to provide knowledge and skills required to follow the current topics, issues and developments related to sustainable food systems, and evaluate their impact on sustainability outcomes. |
| **Content** | Special topics on sustainable food systems, and economic, environmental and social sustainability of food systems. |

| **Learning Outcomes** | **Programme Learning Outcomes** | **Teaching Methods** | **Assessment Methods** |
|---|---|---|---|
| 1) Knowledge of current sustainability issues in food systems | 1 | 1,2,3,4,5,6 | A,B,C |
| 2) Ability to evaluate sources of information and use them effectively to access information | 1,2,3,4 | 1,2,3,4,5,6 | A,B,C |
| 3) Ability to follow current developments/trends in sustainable food systems | 1,2, 3, 4, 5, 6 | 1,2,3,4,5,6 | A,B,C |
| 4) Ability to analyse the impact of products/services/models/strategies/systems developed/used for sustainability outcomes in food systems | 1,2, 3, 4, 5, 6 | 1,2,3,4,5,6 | A,B,C |

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| **Teaching Methods:** | 1: Lecture, 2: Question-Answer, 3: Discussion, 4: Assignment, 5: Guest lecturer, 6: Case Study |
| **Assessment Methods:** | A: Exam B: Assignment C: In-class activity |

| COURSE CONTENT | | |
|---|---|---|
| **Week** | **Topics** | **Study Materials** |
| 1-2 | Sustainable food systems | Materials for the course provided by instructor |
| 3-15 | Case studies on special topics on sustainability of food systems | Materials for the course provided by instructor |

| RECOMMENDED SOURCES | |
|---|---|
| **Textbook** | - |
| **Additional Resources** | Selected sources will be provided by the course instructor |

| MATERIAL SHARING | |
|---|---|
| **Documents** | yulearn.yeditepe.edu.tr |
| **Assignments** | yulearn.yeditepe.edu.tr |
| **Exams** | |

| ASSESSMENT | | |
|---|---|---|
| **IN-TERM STUDIES** | **NUMBER** | **PERCENTAGE** |
| Mid-Term | 1 | 58 |
| Assignments and in class participation | 1 | 42 |
| **Total** | | **100** |
| **CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE** | | 40 |
| **CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE** | | 60 |
| **Total** | | **100** |

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|---|---|
| **COURSE CATEGORY** | Elective |

| COURSE'S CONTRIBUTION TO PROGRAMME | | | | | | | |
|---|---|---|---|---|---|---|---|
| No | Program Learning Outcomes | Contribution | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | |
| 1 | Knowledge of current and future challenges in the food system | | | | | X | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 2 | Ability to define and analyse food systems using the food system framework, ability to integrate sustainability outcomes into the food system framework | | | X | | |
| 3 | Ability to apply knowledge in science, engineering and technology for the solution of food system problems | | | X | | |
| 4 | Ability to apply the food system framework and systems thinking for the critical evaluation of food systems and food system challenges. | | | X | | |
| 5 | Ability to use multidisciplinary design approaches for sustainability outcomes in food systems. | | X | | | |
| 6 | Knowledge and skills to use innovation methods, approaches and tools for sustainability outcomes in food systems | | X | | | |

**ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION**

| Activities | Quantity | Duration (Hour) | Total Workload (Hour) |
|---|---|---|---|
| Course Duration (Including the exam week: 15x Total course hours/week) | 15 | 3 | 45 |
| Hours for off-the-classroom study (Pre-study, practice, review/week) | 15 | 3 | 45 |
| Assignments | 4 | 10 | 40 |
| Midterm | 1 | 50 | 50 |
| Final exam/project | 1 | 60 | 60 |
| **Total Work Load** | | | 240 |
| **Total Work Load / 25 (h)** | | | 9.6 |
| **ECTS Credit of the Course** | | | 10 |