



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|---|----------------------|--|---|---------------------------------|---|------------|---|
| Course Title | | Environmental Economics | | | | | | | |
| Course Code | | İKT351 | | Course Level | | First Cycle (Bachelor's Degree) | | | |
| ECTS Credit | 5 | Workload | 125 (<i>Hours</i>) | Theory | 3 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | The aim of this course is to study the environment, environmental problems and related policies in micro and macro economic framework. How we use amendment and environmental tools in prevention of environmental disasters caused by hazardous economic activities. | | | | | | | |
| Course Content | | In this course, we will discuss the relationship between environment and economy. In general, we will touch on the economic impact of environment, environmental problems, and environmental policies. Furthermore, the policies designed to prevent environmental problems in national and international context and their impact on developed and developing countries will be studied. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Individual Study | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 70 |

Recommended or Required Reading

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| 1 | - Dağdemir, Özcan, , (2003), Çevre Sorunlarına Ekonomik Yaklaşımlar ve Optimal Politika Arayışları, Gazi Kitabevi) , Ankara. |
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| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | Natural Resources, Environment and Economy, Conceptual Framework |
| 2 | Theoretical | Natural Resources, Environment and Economy, Conceptual Framework |
| 3 | Theoretical | Rise of the Environmental Problems and their Causes |
| 4 | Theoretical | Rise of the Environmental Problems and their Causes |
| 5 | Theoretical | Natural Resources and Economic Analysis of Environment |
| 6 | Theoretical | Natural Resources and Economic Analysis of Environment |
| 7 | Theoretical | Natural Resources and Economic Analysis of Environment: Market Failure |
| 8 | Intermediate Exam | Midterm |
| 9 | Theoretical | Alternative Solutions for Environmental Problems: Legal and Market-Based Solutions |
| 10 | Theoretical | Alternative Solutions for Environmental Problems: Legal and Market-Based Solutions |
| 11 | Theoretical | Sustainable Growth |
| 12 | Theoretical | Sustainable Growth |
| 13 | Theoretical | Macroeconomic Approach to Environment Economy, Environment Policy and Governance |
| 14 | Theoretical | Macroeconomic Approach to Environment Economy, Environment Policy and Governance |
| 15 | Final Exam | Final |
| 16 | Final Exam | Final |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 2 | 3 | 70 |
| Individual Work | 9 | 2 | 2 | 36 |
| Midterm Examination | 1 | 9 | 1 | 10 |
| Final Examination | 1 | 8 | 1 | 9 |
| Total Workload (Hours) | | | | 125 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 5 |

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

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|---|---|
| 1 | to define the fundamental concepts in environmental Economics |
| 2 | to evaluate the process and the reasons of the emergence of environmental problems economically |
| 3 | to analyse for the economic efficiency criteria of environmental problems |
| 4 | To be able to associate with natural resources and environment problems |
| 5 | To be able to explain natural resources and evaluate managing natural resources |

Programme Outcomes (Economics)

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| 1 | To be able to understand and interpret the concepts, theories and methods of basic economics |
| 2 | To be able to apply mathematical, statistical and econometric analysis tools to economic problems |
| 3 | To be able to interpret the structure and characteristics of the markets in the economy by understanding the current economic events |
| 4 | To be able to define the role of innovation, creativity and technology concepts in the dynamic global economy. |
| 5 | To be able to prepare projects and to gain creativity skills |
| 6 | To be able to analyze macro and micro economic activities. |
| 7 | To be able to adapt the philosophy of lifelong learning |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 |
|----|----|----|----|----|----|
| P1 | 3 | 4 | 4 | 3 | 3 |
| P2 | 3 | 3 | 3 | 3 | 5 |
| P3 | 3 | 4 | 5 | 2 | 3 |
| P4 | 3 | 3 | 4 | 2 | 3 |
| P5 | 3 | 4 | 4 | 2 | 3 |
| P6 | 3 | 3 | 4 | 3 | 3 |
| P7 | 3 | 3 | 4 | 3 | 3 |

