



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|---|----------------------|--|---|--------------------------------|---|------------|---|
| Course Title | | Environmental Etiology | | | | | | | |
| Course Code | | CSAG505 | | Course Level | | Second Cycle (Master's Degree) | | | |
| ECTS Credit | 4 | Workload | 100 (<i>Hours</i>) | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | Ambient and environment, biotope and ecological mission, population, community, system and ecosystem concepts, biosphere and ecosphere meanings, effects of abiotic and biotic factors on organisms, population and features, biomes and biodiversity. | | | | | | | |
| Course Content | | System, natural and manmade systems, ecosystem and components, habitat, ecological mission, functions of ecosystems, element recycling, ecology of population(natality, mortality, life table, age dispersion etc), ecology of community(domains, diversity of species, succession etc.) dispersion of terrestrial ecosystems, biodiversity and its importance. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion, Case Study, Individual Study | | | | | |
| Name of Lecturer(s) | | Prof. Emine Didem EVCİ KIRAZ | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

| | |
|---|----------------------------|
| 1 | 1) Unprinted lecture notes |
|---|----------------------------|

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | What is the environment, environment and species |
| 2 | Theoretical | Ecosystem |
| 3 | Theoretical | Abiotik parts of ecosystem |
| 4 | Theoretical | Generations of life |
| 5 | Theoretical | Living zones |
| 6 | Theoretical | Thermodynamics of biotic and abiotic systems. Biochemical dynamic transport. |
| 7 | Theoretical | Human and environment |
| 8 | Theoretical | Human and environment |
| 9 | Theoretical | Midterm |
| 10 | Theoretical | Basic medicine services and way to benefit |
| 11 | Theoretical | Erosion and droughtiness |
| 12 | Theoretical | Biological diversity and its protection |
| 13 | Theoretical | Biodiversity in Turkey |
| 14 | Theoretical | Biodiversity in Turkey |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 2 | 28 |
| Midterm Examination | 1 | 28 | 2 | 30 |
| Final Examination | 1 | 40 | 2 | 42 |
| Total Workload (Hours) | | | | 100 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 4 |
| *25 hour workload is accepted as 1 ECTS | | | | |

Learning Outcomes

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|---|---|
| 1 | 11 To get to adpt to ecological concept |
| 2 | Ecosystem |
| 3 | 3. Biotic and abiotic factors |



| | |
|---|--|
| 4 | 4. Population, communities and their features |
| 5 | 5. To get to have enough information about biomes and biodiversity |

Programme Outcomes (*Environmental Health Interdisciplinary Master*)

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|---|---|
| 1 | To be able to have theoretical and practical updated information in the field of environmental health. |
| 2 | To be able to solve problems related to environmental health with scientific methods and evaluate them with a critical approach, |
| 3 | To have the ability to produce, execute and finalize new projects for scientific research, |
| 4 | To be able to have theoretical and practical knowledge about environmental health, historical development and economic dimension of environmental health, |
| 5 | To be able to have theoretical and practical knowledge about the deterioration effects of environment, |

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 | 5 | 4 | 3 | 4 | 5 |
| P2 | 5 | 4 | 3 | 5 | 4 |
| P3 | 5 | 4 | 3 | 4 | 5 |
| P4 | 5 | 4 | 3 | 5 | 4 |
| P5 | 5 | 4 | 3 | 4 | 4 |

