



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|  |   |   |            |  |   |                                  |   |            |   |
|--|---|---|------------|--|---|----------------------------------|---|------------|---|
| Course Title                                     |   | Phytotherapy  |            |  |   |                                  |   |            |   |
| Course Code                                      |   | TABİ304   |            | Course Level   |   | Short Cycle (Associate's Degree) |   |            |   |
| ECTS Credit                                      | 2 | Workload  | 50 (Hours) | Theory   | 2 | Practice                         | 0 | Laboratory | 0 |
| Objectives of the Course                         |   | To learn herbal products for therapy and therapy methods  |            |  |   |                                  |   |            |   |
| Course Content                                   |   | Usage of medicinal and aromatic plants for different disease, such as nervous, sensory, movement, digestive, the circulatory, respiratory, excretory, metabolism, endocrine, reproductive, skin disease, infection and immune system, cancer disease. |            |  |   |                                  |   |            |   |
| Work Placement                                   |   | N/A   |            |  |   |                                  |   |            |   |
| Planned Learning Activities and Teaching Methods |   |   |            | Explanation (Presentation), Discussion, Individual Study |   |                                  |   |            |   |
| Name of Lecturer(s)                              |   | Prof. Özgür GÜÇLÜ   |            |  |   |                                  |   |            |   |

### Assessment Methods and Criteria

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

### Recommended or Required Reading

|   |  |
|---|--|
| 1 | Tıbbi ve Aromatik Bilimi ve Teknolojisi, Prof.Dr. Hasan Baydar                                 |
| 2 | Tıbbi Bitkiler I, Prof.Dr.Ayhan Ceylan   |
| 3 | Tıbbi ve Aromatik Bitkilerin Yetiştiriciliği, Anadolu Üniversitesi Yayınları, Eskişehir, 2010. |

| Week | Weekly Detailed Course Contents |   |
|------|---------------------------------|---|
| 1    | Theoretical                     | Relationships of natural environment-disease-medicine       |
| 2    | Theoretical                     | Definition and importance of phytotherapy                   |
| 3    | Theoretical                     | Usage of herbal products for nervous system                 |
| 4    | Theoretical                     | Usage of herbal products for sensory system                 |
| 5    | Theoretical                     | Usage of herbal products for movement system                |
| 6    | Theoretical                     | Usage of herbal products for digestive system               |
| 7    | Theoretical                     | Usage of herbal products for the circulatory system         |
| 8    | Theoretical                     | Midterm exam  |
| 9    | Theoretical                     | Usage of herbal products for respiratory system             |
| 10   | Theoretical                     | Usage of herbal products for excretory system               |
| 11   | Theoretical                     | Usage of herbal products for metabolism and endocrin system |
| 12   | Theoretical                     | Usage of herbal products for reproductive system            |
| 13   | Theoretical                     | Usage of herbal products for skin disease                   |
| 14   | Theoretical                     | Usage of herbal products for infection and immune system    |
| 15   | Theoretical                     | Usage of herbal products for cancer disease                 |

### Workload Calculation

| Activity                              | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory                      | 14       | 0           | 2        | 28             |
| Individual Work                       | 14       | 1           | 0        | 14             |
| Midterm Examination                   | 1        | 3           | 1        | 4              |
| Final Examination                     | 1        | 3           | 1        | 4              |
| Total Workload (Hours)                |          |             |          | 50             |
| [Total Workload (Hours) / 25*] = ECTS |          |             |          | 2              |

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

|   |   |
|---|---|
| 1 | Learning of relationships of natural environment-disease-medicine |
|---|---|



|   |  |
|---|--|
| 2 | Learning of importance of therapy with herbal medicines                  |
| 3 | Learning of usage of medicinal and aromatic plants for different disease |
| 4 | Learn how to obtain the drug used in treatment                           |
| 5 | Knows the effects of drugs in treatment                                  |

#### Programme Outcomes (Plant Protection)

|    |   |
|----|---|
| 1  | To be able to learn about systematics, morphological, biological, ecological and epidemiological information about diseases, pests and weeds that cause the loss of the crop at every stage of production,                              |
| 2  | To be able to become familiar with agricultural management control methods and their use in control of plant diseases, pests and weeds in cultivated agricultural crops,  |
| 3  | To be able to diagnose and identify plant diseases, insect, mite or nematode pests or weeds that cause economical losses in stored crops and products,  |
| 4  | To be able to use pesticides safely and effectively and informed about their hazardous non-target effects on the environment and human health.  |
| 5  | To be able to learn plant protection products and their practice in organic agriculture,  |
| 6  | To be able to evaluate the information obtained throughout the learning process with cause-effect relations, to be able to collect data and transfer the results to practice, and to predict where, when and why to use the information |
| 7  | To be able to comply with professional, cultural, social ethic rules in his / her field and to be entrepreneurial   |
| 8  | To be able to have conscious of the universality of social rights, social justice, quality and cultural values, environment protection, occupational health and safety issues   |
| 9  | To be able to use information and communication technologies together with the required computer software of his / her field  |
| 10 | To be able to have the necessary background and qualifications to work in public and private agriculture sectors, to be able to conduct a study independently / as a team member and to be able to comply with the relevant legislation |

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

|     | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P6  | 2  | 4  | 4  | 3  | 3  |
| P7  | 2  | 4  | 3  | 3  | 2  |
| P10 | 2  | 4  | 3  | 3  | 2  |

