Course Information								
Course Code	**T**	**P**	**L**	**C**	**ECTS**	**Type** C/E	**Language** TR/ENG etc.	**Year/Semester**
BİO2011	**2**	**0**	**0**	**2**	**3**	**C**	**TR**	**2/FALL**
Course Name (Turkish**)**	**Bahçe Bakımı**							
Course Name (English**)**	**Garden Care**							

Unit/Program	Physics Department/Undergraduate Program
Course Prerequisite	No
Course Objectives	To provide information about Garden / Plant Care and Landscaping Applications.
Course Outline	Within the scope of this course; history of garden art; ecological characteristics and aspirations of plants; Garden arrangement and maintenance, plants used in garden arrangement, garden landscaping applications will be included.
Textbook/ Material / Resources	1. Konemann, 1999. Botanica, The Illustrated A-Z Of Over 10000 Garden Plants And How To Cultivate Them. Pg:1020, Random House Australia, Isbn:3-8290-3068-1. 2. Tokur, S., 2000 T.C. Osmangazi University Faculty of Arts and Sciences Garden Care and Greenhouse I-Eskişehir 3. Urgench, S., 1992. Tree and Ornamental Plants, Nursery and Cultivation Technique, Istanbul University Printing House and Film Center, Istanbul. 4. Tuzlacı E., Horticulture and Urban Flowers of Turkey. İşbank Publications.
Internship Status	

Course Precedents

University Name	**Program Name**	**Course Name**	**T-P-L-C; ECTS**	**Type**
Uludag University	**Department of Parks and Horticulture**	**Landscaping Applications**	**2-2-0 2, 4**	**C**
Trakya University	**Landscape and Ornamental Plants Program**	**Landscape and Ornamental Plants Management**	**3-0-0-3, 4**	**C**
Istanbul Cerrahpasa University	**Landscaping and Ornamental Plants Cultivation**	**Plant Ecology**	**2-0-0-2, 2**	**C**

The instructor who proposed the course (Title, Name and Surname)	*Signature*
Prof. Eyüp BAĞCI, MD	
Instructors who can teach the course (Title, Name and Surname)	*Signature*
Prof. Eyüp BAĞCI, MD	

Academic justification for the opening of the course? (The effect of course outcomes on program outcomes, etc.)

1. Learning the Basic Concepts of Garden Care and Greenhouse Cultivation.
2. To be able to learn the historical development of garden arts.
3. To be able to comprehend what the ecological demands of plants are.
4. The Importance of Ecology for Plants and Living Organisms
5. Comprehending the Fact that Every Plant Has Different Ecological Demands.
6. To be able to comprehend the issues to be considered when gardening and landscaping applications.
7. To be able to recognize important plants used in gardening.
8. Comprehension of plant cultivation and propagation techniques

Brief explanation of the course (theoretical lecture, applications, laboratory, studio, off-campus activity, using software, etc.)
The course will consist of theory and practice. Theoretical information on garden cultivation, plant care, landscaping and applications, greenhouse cultivation and then application studies or existing applications will be carried out on site**.**

External Stakeholder Opinions About the Course (It is expected that the opinions to be obtained from the business world that will employ your graduates or from real or legal persons outside the University who have expertise on the subject of the course will be specified. Proof documents must be attached to this form.)	
Stakeholder Name	**Opinion** (It should be given as a summary, it should not exceed two lines.)
Provincial Directorate of Agriculture and Forestry	Model agricultural practices in the region
Wildlife Conservation and National Parks Branch Directorate	Current studies on wildlife
Elazığ Municipality Greenhouse and Private Enterprises	Horticulture and good model practices

Weekly Course Content Distribution		
Week	**Theoretical**	**Application/Laboratory**
1	Historical Development of Garden Art	
2	Ecological Demands of Plants (Climatic Demands)	
3	Ecological Requirements of Plants (Soil Properties)	
4	Points to Consider When Landscaping the Garden	
5	Materials and Tools Used in Garden Care and Greenhouse Cultivation	Application
6	Mosaic plants, slab elements flowers	
7	Mosaic plants, slab elements flowers	
8	Dwarf Creeping Plants	
9	Midterm Exam	
10	Grass Plants	Application
11	Grass Plants	
12	Stone and rock garden plants	
13	Stone and rock garden plants	Application
14	Stone and rock garden plants	
15	General Exam	

Assessment			
Evaluation Criteria	**Activity**	**Custom**	**Contribution to Success Grade (%)**
	Midterm Exams	1	20
	Quizzes		
	Assignments		
	Projects	2	20
	Term Paper		
	Laboratory		
	Other		

	Final Exam	1	60
		Sum:	100
Content Design and Subject Weight (%)	Mathematics and Basic Sciences	50	
	Engineering Sciences	10	
	Social Sciences	10	
	Health Sciences		
	Educational Sciences	10	
	Culture and Art Sciences	10	
	Design Information	10	

Workload (ECTS) Calculation			
Events	**Number**	**Duration (Hours)**	**Total workload (Hours)**
Fieldwork	2	2	4
Midterm Exam Application	1	1	1
Self-Study (including pre-class and exam preparation)			
Make-up Exam	1	1	1
Experiment and Observation			
Class Participation (Theory)	14	2	28
Homework			
Final Exam Practice	1	1	1
Laboratory			
Article Review			
Writing an Article			
Reading			
Case Study			
Performance			
Problem Solution			
Project Preparation	2	4	8
Project Submission	2	1	2
Quiz			
Report Preparation			
Submitting Reports			
Role/Drama Work			
Seminar			
Argument			
Application/Practice	10	3	30
Other			
TOTAL WORKLOAD:			**75**
ECTS CREDİTS OF THE COURSE: *(The number obtained as a result of Total Workload/25 is calculated by rounding to the whole number.)*			**3**

The Relationship Between Course Learning Outcomes and Program Outcomes													
Program Outcomes (PO) / **Learning Outcomes (LO)** *(Course Outcomes)*		1	2	3	4	5	6	7	8	9	10	11	12
1	Learning the basic concepts of garden care and greenhouse cultivation	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**3**	**3**	**5**	**1**	
2	To be able to learn the historical development of garden arts.	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**5**	**3**	**5**	**1**	
3	To be able to comprehend what plant ecological demands are.	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**3**	**3**	**5**	**1**	
4	To gain the ability to comment on plant ecological wishes.	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**3**	**3**	**5**	**1**	

5	To be able to comprehend the issues to be considered when arranging the garden.	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**5**	**3**	**5**	**1**

Organizer: Prof. Dr. Eyüp BAĞCI
Preparation Date: 20.05.2024