AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Identification of Flowering Plants at Species Level						
Course Code	BİO554		Couse Level	Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	201 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	Identification of flowering plants with the help of plant identification keys in Flora of Turkey.						
Course Content	Identification of flowering plants with the help of plant identification keys in a species level						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Individual Study						
Name of Lecturer(s)	Prof. Özkan EREN						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	DAVIS, P. H. 1965-1985 (ed.): Flora of Turkey and the East Aegean Islands 1-9. 1965 (vol. 1); 1967 (2); 1970 (3); 1972 (4); 1975 (5); 1978 (6); 1982 (7); 1984 (8); 1985 (9). Edinburgh.
2	DAVIS, P. H., MILL, R. R. and TAN, KIT 1988 (eds.). Flora of Turkey and the East Aegean Islands 10. Edinburgh.
3	GÜNER, A., ÖZHATAY, N., EKİM, T. AND BAŞER, K. H. C. 2000 (eds.): Flora of Turkey and the East Aegean Islands 11. Edinburgh.
4	ZOHARY, M. AND HELLER, D. 1984. The genus Trifolium. Israel Academy of Sciences and Humanities, Jerusalem.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introducing of the 'Flora of Turkey and East Aegean Islands'
	Practice	Using of 'Flora of Turkey and East Aegean Islands'
2	Theoretical	The types of plant identification keys
	Practice	Preparation of plant identification keys and their usage
3	Theoretical	Identification and general features of Gymnospermae
	Practice	Identification of various gymnosperms at species level
4	Theoretical	General features of Angiosperms
	Practice	Identification of Angiosperms at species level
5	Theoretical	The families of Ranunculaceae, Cictaceae, Malvaceae, Papaveraceae and their general features
	Practice	Identification of plant specimens belonging to the Ranunculaceae, Cictaceae, Malvaceae, Papaveraceae
6	Theoretical	The family of Brassicaceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Brassicaceae
7	Theoretical	The family of Asteraceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Asteraceae
8	Practice	Midterm Exam
	Intermediate Exam	Midterm Exam
9	Theoretical	The family of Boraginaceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Boraginaceae
10	Theoretical	The family of Fabaceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Fabaceae
12	Theoretical	The family of Campanulaceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Campanulaceae
13	Theoretical	The family of Poaceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Poaceae
14	Theoretical	The family of Scrophulariaceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Scrophulariaceae

15	Theoretical	The family of Liliaceae and its general features
	Practice	Identification of plant specimens in a species level belonging to the Liliaceae
16	Theoretical	The families of Orchidaceae, Iridaceae and Amarylidaceae and their general features
	Practice	Identification of plant specimens in a species level belonging to the Orchidaceae, Iridaceae and Amarylidaceae
17	Practice	Final Exam
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	2	2	60
Lecture - Practice	15	2	2	60
Assignment	15	2	1	45
Reading	15	1	1	30
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
			Total Workload (Hours)	201
			[Total Workload (Hours) / 25*] = **ECTS**	8

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to use identification keys of plants
2	To be able to recognize diagnostic features of taxa
3	To be able to comprehend taxonomical problems and recommend solutions
4	
5	

Programme Outcomes *(Plant Protection Master)*

1	To develop knowledge and abilities that gained during undergraduate education
2	To gain ability to search and pursue current literature
3	To gain ability to plan and write projects that help solving problems in field of study.
4	To gain ability to conduct research, analyze data, evaluate research results scientifically and preapare reports and thesis writing.
5	Students will be able to learn and apply the laboratory test and analysis methods
6	To recognize occupational and ethical responsibility

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	4	4	4	3	3
P3	4	4	4	3	3
P4	3	4	4	3	3
P5	3	4	4	3	3
P6	4	3	4	3	3