PIRINCIPLES OF PLANT SYSTEMATICS (BOTANY SECTION)

1	Course Title:	PIRINCIPLES OF PLANT SYSTEMATICS (BOTANY SECTION)	
2	Course Code:	BIO5103	
3	Type of Course:	Compulsory	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Ruziye Daşkın	
15	Course Lecturers:	Prof.Dr. Ruziye DAŞKIN	
16	Contact information of the Course Coordinator:	Prof.Dr. Ruziye DAŞKIN ruziyeg@uludag.edu.tr Telefon: +90 (224) 2941878 Adres: Uludağ Üniversitesi, Fen – Edebiyat Fakültesi, Biyoloji Bölümü, Görükle Kampüsü, 16059 Nilüfer/Bursa.	
17	Website:		
18	Objective of the Course:	The aim of this course is to comprehend the general principles of plant systematics, terms used in taxonomy, botanical nomenclature, plant identification methods and the characters used plant systematics.	
19	Contribution of the Course to Professional Development:	It will help to understand the basic principles and concepts of plant systematics.	
20	Learning Outcomes:		
		1	To understand the general principles of plant systematics and taxonomy
		2	To have knowledge about International Botanical Code
		3	To have knowledge about plant determination methods and terminology
		4	To have information about the characters used in the systematic
		5	To gain knowledge of the variations in the systematic and the systematist's perspective on variations
		6	To have knowledge about the classification systems of plants
		7	
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		10	
21	Course Content:		
	Course Content:		
Week	Theoretical	Practice	

1	Systematic and Taxonomy terms, principles of General Taxonomy	
2	Classification systems of plants	
3	Taxonomic Categories, Historical development of the species concept, Subspecies and Subspecies categories	
4	Species formation mechanisms	
5	General characteristics and history of the International Botanical Nomenclature Code	
6	The Priority Rule in Taxonomy and Its Restriction	
7	Basionym and Homonym in Taxonomy	
8	Type concept and types	
9	Features of Taxonomic Publication, Explanation of Publication Types with Examples	
10	Characters Used in Systematics	
11	Plant Determination, Key types used in its determination and its use	
12	Variations The modern taxonomist's view of variations	
13	Hydridization, mechanisms preventing hybrid formation	
14	Collection and Analysis of Data Used in Systematics	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self Study and Preparation	14	4.00	56.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	82.00	82.00
Total Work Load			180.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

SEMESTER ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	0	0.00
Quiz	0	0.00
Home work project	0	0.00
Final Exam	1	100.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to		0.00
Contribution of Final Exam to Success Grade		100.00
Total		100.00

Measurement and Evaluation Techniques Used in the Course	Final exam

24	**ECTS / WORK LOAD TABLE**

25	**CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS**															
	PQ1	**PQ2**	**PQ3**	**PQ4**	**PQ5**	**PQ6**	**PQ7**	**PQ8**	**PQ9**	**PQ10**	**PQ11**	**PQ12**	**PQ13**	**PQ14**	**PQ15**	**PQ16**
ÖK1	5	4	4	3	3	5	3	3	5	0	0	0	0	0	0	0
ÖK2	4	4	3	3	4	5	3	5	4	0	0	0	0	0	0	0

ÖK3	3	4	5	5	3	5	3	5	5	0	0	0	0	0	0	0
ÖK4	3	5	4	4	3	5	3	3	5	0	0	0	0	0	0	0
ÖK5	3	5	4	5	5	4	5	4	5	0	0	0	0	0	0	0
ÖK6	3	3	4	3	4	3	4	4	5	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**