DESIGN-PROJECT I

1	Course Title:	DESIGN-PROJECT I	
2	Course Code:	BSM4511	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Halil Ünal	
15	Course Lecturers:	Danışman Öğretim Üyeleri	
16	Contact information of the Course Coordinator:	e-posta : esimsek@uludag.edu.tr Telefon: 0 224 2941622 Adres: Uludağ Üniversitesi, Ziraat Fakültesi, Biyosistem Mühendisliği Bölümü, Görükle Kampusu, 16059, Nilüfer/BURSA	
17	Website:		
18	Objective of the Course:	As part of an engineering problem, to facilitate gaining experience in all stages of a comprehensive project (breadth and depth), to give opportunity in practicing and synthesizing previous information and skills, to gain idea of teamwork with open ended projects by improving creativity of students, to contribute professional and ethical improvement of students, to gain experience of oral and written presentation.	
19	Contribution of the Course to Professional Development:	It contributes to the student's ability to make a project related to his profession.	
20	Learning Outcomes:		
		1	To synthesize experiences about methods and tools related with solving a problem in terms of Biosystems Engineering
		2	To gain teamwork experience
		3	To gain experience about problem description, creation of alternative concept, selecting and developing concept, and solving problems through open ended project
		4	To present a design project via a certain flow diagram as written and oral
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21	Course Content:		
	Course Content:		

Week	Theoretical	Practice
1	Theoretical information about the project content	Studies about the project
2	Theoretical information about the project content	Studies about the project
3	Theoretical information about the project content	Studies about the project
4	Theoretical information about the project content	Studies about the project
5	Theoretical information about the project content	Studies about the project
6	Presentation Technique	Presentation 1
7	Theoretical information about the project content	Studies about the project
8	Theoretical information about the project content	Studies about the project
9	Theoretical information about the project content	Studies about the project
10	Theoretical information about the project content	Studies about the project
11	Theoretical information about the project content	Studies about the project
12	Presentation Technique	Presentation 2
13	Theoretical information about the project content	Studies about the project
14	Evaluation of the projects	Evaluation of the projects
22	Textbooks, References and/or Other Materials:	Handbooks from various sources such as ASABE and CIGR.
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	0	0.00
Quiz	0	0.00
Home work-project	1	40.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Project + Presentation

24	**ECTS / WORK LOAD TABLE**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	25.00	25.00
Others	0	0.00	0.00
Final Exams	1	25.00	25.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

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	1	4	0	2	2	1	3	1	1	1	4	0	0	0	0	0
ÖK2	1	4	0	2	2	1	3	1	1	1	3	0	0	0	0	0
ÖK3	1	4	0	2	2	1	3	1	1	1	3	0	0	0	0	0
ÖK4	1	4	0	4	3	1	4	1	1	1	3	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