

ECOLOGICAL BUILDING MATERIALS

1	Course Title:	ECOLOGICAL BUILDING MATERIALS	
2	Course Code:	MIM5014	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	2	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör.Dr. RENGİN BECEREN ÖZTÜRK	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	0-224-2942146 renginb@hotmail.com	
17	Website:		
18	Objective of the Course:	The purpose of this course the student to support post-graduate specialization in building material education and identify the ecological, environmental and ecological factors affecting the choice of building material, taking into account is to be made. Thus, learning of concepts related to the subject, aimed to provide applications the presence of the correct approaches and solutions.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To gain advanced knowledge about building materials and the ability to make comments
		2	Developing methods, research, synthesis and problem solving skills in the related area
		3	Ability to independent work related to the field that requires expertise, ability to manage by taking responsibility
		4	Ability to create comprehensive projects related to the subject
		5	To gained problem-solving skills in the field of information and the ability to observe the different disciplines
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Explain of some concepts such as sustainability, ecology, green		

2	Description and properties ecological building materials	
3	Different materials production, use and effects of extinction	
4	Materials recycling facilities	
5	Health effects of materials	
6	Maintenance requirements of materials	
7	The examination of ecological building samples	
8	Seminar presentations	
9	Seminar presentations	
10	Seminar presentations	
11	Seminar presentations	
12	Seminar presentations	
13	Seminar presentations	
14	Seminar presentations	

22	Textbooks, References and/or Other Materials:	Ayşın Sev Sürdürülebilir Mimarlık, Yem Yayınevi Gauzin-Muller, D. Birkhauser Basel Sustainable architecture and urbanism: concepts, technologies, example, Hendriks, F., Aneas "Durable and Sustainable Construction Materials", Technical Publishers.
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Activites			Number	Duration (hour)	Total Work Load (hour)
Theoretical Exam	0	0	14	3.00	42.00
Practicals/Labs		0		0.00	0.00
Self study and cooperation	1	50	140	4.00	56.00
Homeworks		1		140.00	140.00
Projects	2	100	100.00	0.00	0.00
Field Studies		0		0.00	0.00
Success Grade Midterm exams		0		0.00	0.00
Others		0		0.00	0.00
Total Exams		100	100.00	2.00	2.00
Total Work Load					240.00
COURSE Total Work load/ 30 hr					8.00
ECTS CREDIT TABLE					
ECTS Credit of the Course					6.00

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	5	3	2	1	2	1	1	3	2	1	1	1	0	0	0	0
ÖK2	3	3	5	1	1	1	4	1	1	3	1	1	0	0	0	0
ÖK3	3	3	2	1	5	1	1	4	1	1	1	1	0	0	0	0
ÖK4	3	1	4	1	1	1	1	1	1	4	5	1	0	0	0	0

ÖK5	3	5	1	4	3	2	1	3	2	4	3	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			