ORGANIC REACTIONS KNOWN WITH SPECIAL NAMES

1	Course Title:	ORGANIC REACTIONS KNOWN WITH SPECIAL NAMES
2	Course Code:	KIM5038
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	7.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	To complete Organic Chemistry I and II courses
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. MUSTAFA TAVASLI
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	mtavasli@uludag.edu.tr +90 224 29 41 732 Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 16059 Görükle / BURSA, TÜRKİYE
17	Website:	
18	Objective of the Course:	The aim of this course is to introduce organic reactions known with their special names. Thus, students will be able to survey the literature and understand synthetic route.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To learn organic reactions known with special names used in organic synthesis
	2	To design new synthesis by following literature
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21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Huisgen cycloaddition	
2	Literature Study	
3	Darzens condensation	
4	Literature Study	

5	Heck coupling reaction	
6	Literature Study	
7	Study presentation	
8	Problem solving	
9	Suzuki coupling reaction	
10	Literature Study	
11	Sonogashira coupling reaction	
12	Literature Study	
13	Stille coupling reaction.	
14	Literature Study	

22	Textbooks, References and/or Other Materials:	[1]Named Organic Reactions, Thomas Laue and Andreas Plagens: Translated into English by Claus Vogel (2nd Edition), John Wiley & Sons Ltd, Chichester, 2005. [2] Name Reactions and Reagents in Organic Synthesis (2nd Edition), Bradford P. Mundy, Michael G. Ellerd and Frank G. Favaloro, Wiley Interscience, Hoboken, NJ, 2005. 3) Name Reactions: A Collection of Detailed Reactions Mechanisms (2nd Edition), Jie Jack Li, Springer, Berlin, 2003.
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBE**	**WEIGHT**

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	1.00	14.00
Homeworks	1	96.00	96.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	36.00	36.00
Others	0	0.00	0.00
Final Exams	1	48.00	48.00
Total Work Load			236.00
Total work load/ 30 hr			7.87
ECTS Credit of the Course			7.00

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	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	5	0	0	5	0	5	5	0	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**