

DEPARTMENT OF MOLECULAR BIOTECHNOLOGY
COURSE SYLLABUS

Course Details				
Code	Academic Year			Semester
NWI107	1			1
Title	T	A	L	ECTS
Introduction to Natural Sciences	2	0	0	2
Language	German			
Level	Undergraduate	X	Graduate	Postgraduate
Department / Program	Molecular Biotechnology			
Forms of Teaching and Learning	Formal			
Course Type	Compulsory	X	Elective	
Objectives	Students will be familiar with the content of the three courses offered by the Faculty of Science: Molecular Biotechnology, Materials Science and Technology, and Energy Science and Technology. These courses work closely together because of their interdisciplinary nature. This lecture is intended to be a motivational lecture for the students.			
Content	Most important basic terms and topics of the study programs.			
Prerequisites	-			
Coordinator	Dr. Duygu Ekinci			
Lecturer(s)	Dr. Duygu Ekinci			
Assistant(s)				
Work Placement	-			
Recommended or Required Reading				
Books / Lecture Notes				
Other Sources				
Additional Course Material				
Documents				
Assignments				
Exams				
Course Composition				
Mathematics und Basic Sciences	20			%
Engineering	10			%
Engineering Design				%
Social Sciences				%
Educational Sciences				%

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Natural Sciences	60		%
Health Sciences			%
Expert Knowledge	10		%
Assessment			
Activity	Count		Percentage (%)
Midterm Exam	1		40
Quiz			
Assignments			
Attendance			
Recitations			
Projects			
Final Exam	1		60
		Total	100
ECTS Points and Work Load			
Activity	Count	Duration	Work Load (Hours)
Lectures	14	2	28
Self-Study	14	2	28
Assignments			
Presentation / Seminar Preparation			
Midterm Exam	1	2	2
Recitations			
Laboratory			
Projects			
Final Exam	1	2	2
		Total Work Load	60
		ECTS Points (Total Work Load / Hours)	2
Learning Outcomes			
1			
2			
3			
4			
5			
6			
7			

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8	
9	
10	
11	
12	

Weekly Content

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Contribution of Learning Outcomes to Program Objectives (1-5)

	P1	P2	P3	P4	P5	P6	P7
1							
2							
3							

Contribution Level 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High

Compiled by:

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