

Lecture Code	Name of Lecture ¹	Education Language ²	Category (ECTS Credit) ³				
			Basic Teaching according to the Field		Elective Courses		Other ⁴
					Disiplinary	Interdisiplinera	
1st Semester							
CHEM 101	General Chemistry I	English	5				
CHEM 113	General Chemistry Laboratory I	English	1				
FS 101	Occupational Health and Safety I	English					1
FS 103	Career Planning	Turkish					2
HIS 101	Principles of Atatürk and the History of Turkish Revolution I	Turkish					2
INF 100	Introduction to Computer Systems	English					3
MATH 101	Calculus I	English	7				
PHYS 103	Physics Laboratory I	English	2				
PHYS 111	Elementary Physics I	English	8				
2nd Semester							
CHEM 102	General Chemistry II	English	5				
CHEM 114	General Chemistry Laboratory II	English	1				
FS 102	Occupational Health and Safety II	English					1
HIS 102	Principles of Atatürk and the History of Turkish Revolution II	Turkish					2
MATH 102	Calculus II	English	7				
MATH 116	Linear Algebra	English		5			
PHYS 104	Physics Laboratory II	English	2				
PHYS 112	Elementary Physics II	English	8				
3th Semester							
ENG 111	English for Business Life	English					2
MATH 215	Differential Equations	English		5			
PHYS 203	Waves and Optics	English		7			
PHYS 204	Classical Mechanics I	English	6				
PHYS 215	Mathematical Methods in Physics I	English		8			
XXXXxx	Non-Technical Elective I	English				3	
4th Semester							
ENG 112	Academic English	English					2
INF 101	Introduction to Programming	English					4
PHYS 202	Modern Physics	English	7				
PHYS 206	Electromagnetic Theory I	English	6				
PHYS 216	Mathematical Methods in Physics II	English		5			
XXXXxx	Technical Elective I	English			5		
5th Semester							
PHYS 208	Physics Laboratory III	English		3			
PHYS 247	Thermodynamics	English		4			
PHYS 303	Quantum Mechanics I	English		8			
PHYS 311	Electronics I	English		8			
PHYS XXX	Department Elective I	English			5		

TUR 101	Turkish I	Turkish					2
6th Semester							
PHYS 302	Statistical Mechanics I	English		5			
PHYS 322	Quantum Mechanics II	English		5			
PHYS 406	Physics Laboratory IV	English		3			
PHYS XXX	Department Elective II	English			5		
PHYS XXX	Department Elective III	English			5		
PHYS XXX	Department Elective IV	English			5		
GTU101	Extracurricular Activities	English					3
TUR 102	Turkish II	Turkish					2
7th Semester							
PHYS 401	Solid State Physics I	English		6			
PHYS 416	Computer Applications in Physics	English		5			
PHYS 436	Atomic and Molecular Physics	English		6			
PHYS XXX	Department Elective V	English			5		
PHYS XXX	Department Elective VI	English			5		
XXXxxx	Non-Technical Elective II	English				3	
8th Semester							
PHYS 492	Graduation Project	English		10			
PHYS XXX	Department Elective VII	English			5		
PHYS XXX	Department Elective VIII	English			5		
PHYS XXX	Department Elective IX	English			5		
XXXxxx	Technical Elective II	English			5		
THE TOTAL NUMBER OF CATEGORIES IN THE PROGRAM ⁵			65	93	55	6	26
TOTAL CREDITS FOR GRADUATION			242	242	242	242	242
PERCENTAGE OF THE TOTALS IN THE OVERALL TOTAL			26,86%	38,43%	22,73%	2,48%	10,74%
The totals should provide at least one of these lines.			60	90	60		
			25%	37,50%	25%		