Course Syllabus

Code - Course Title	**KİM283 - Biochemistry I**
Course Type	III. SEMESTER
Laboratory + Practice	3+0
ECTS	**3.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. ZERRİN SELLER, PROF. DR. GÜLŞEN AKALIN ÇİFTÇİ

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Biochemistry
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Water, Electrolyte Metabolism, and Energy	
Week - 2		Water, Electrolyte Metabolism, and Energy	
Week - 3		Water, Electrolyte Metabolism, and Energy	
Week - 4		Water, Electrolyte Metabolism, and Energy	
Week - 5		Protein and Protein Metabolism	
Week - 6		Protein and Protein Metabolism	
Week - 7		Protein and Protein Metabolism	
Week - 8		Protein and Protein Metabolism	
Week - 9		Enzymes and the Catalytic Activity of Enzymes	
Week - 10		Enzymes and the Catalytic Activity of Enzymes	
Week - 11		Enzymes and the Catalytic Activity of Enzymes	
Week - 12		Enzymes and the Catalytic Activity of Enzymes	
Week - 13		Enzymes and the Catalytic Activity of Enzymes	
Week - 14		Enzymes and Catalytic Activity of Enzymes	

Learning Outcomes

#	Learning Outcome
1	Water metabolism will be able to be explained
2	Will be able to explain electrolyte metabolism
3	Will be able to explain acid-base balance
4	Cellular Metabolism
5	Will be able to explain energy
6	Will be able to explain amino acids
7	Will be able to explain proteins
8	Will be able to explain the digestion of proteins
9	Will be able to explain the absorption of proteins
10	Will be able to explain protein metabolism
11	Will be able to explain enzymes
12	Will be able to explain the catalytic activities of enzymes.
13	Will be able to explain enzyme regulation.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.