Course Syllabus

Code - Course Title	**BYK602 - Biochemistry of Metabolic Diseases**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. HALİDE EDİP TEMEL

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

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Biochemical Basis of Metabolic Diseases	
Week - 2		Carbohydrate Metabolism Disorders I	
Week - 3		Carbohydrate Metabolism Disorders II	
Week - 4		Lipid Metabolizması Bozuklukları I	
Week - 5		Fatty Acid Oxidation and Carnitine Disorders	
Week - 6		Aminoacid Metabolism Disorders	
Week - 7		Metal and Protein Disorders	
Week - 8		Peroxisomal Diseases	
Week - 9		Lysosomal Storage Diseases	
Week - 10		Primer Lactic Acidemics	
Week - 11		Purine Metabolism Diseases	
Week - 12		Disorders related to Plasma Proteins and Immunoglobulins	
Week - 13		Devices Used in Metabolism Laboratories	
Week - 14		Biochemical Parameters Measured in Metabolism Laboratories	

Learning Outcomes

#	Learning Outcome
1	Explain the Biochemical Basis of Metabolic Diseases
2	Explain the disorders of carbohydrate metabolism
3	Explain the disorder of lipid metabolism
4	Explain the disorder Fatty Acid Oxidation and Carnitine
5	Explain the disorders of aminoacid metabolism

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.