Course Syllabus

Code - Course Title	**BDY204 - Nutrition Biochemistry II**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. HALİDE EDİP TEMEL

Mode of Delivery	This course will only face-to-face training.
Recommended Resources	Aksoy, M., Beslenme Biyokimyası, Hatiboğlu Yayınları, 2000, Ankara,Çeşitli bilimsel dergilerden elde edilen makaleler,Gözükara,E., Biyokimya I, II., Nobel Tıp Kitapevi, 1997, İstanbul.
Work Placement	Not Applicable.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Overview of Vitamin and Mineral Metabolism	
Week - 2		Niacin, Riboflavin, Thiamine	
Week - 3		Folate and Choline	
Week - 4		Vitamins B12 and B6	
Week - 5		Biotin, Pantothenic acid	
Week - 6		Vitamins C and K	
Week - 7		Vitamins E, A and D	
Week - 8		Calcium, Phosphorus and Magnesium	
Week - 9		Sodium, Chloride and Potassium	
Week - 10		Body Fluids and Water Balance	
Week - 11		Iron, Zinc, Copper and Manganese	
Week - 12		Iodine and Selenium	
Week - 13		Fluoride, Sulfur, Cobalt, Molybdenum	
Week - 14		Bioactive Trace Elements	

Learning Outcomes

#	Learning Outcome
1	Will be able to evaluate the basic issues of nutritional biochemistry based on current information.
2	Will be able to analyze the role of biomolecules in metabolic reactions by considering their structures and relate metabolism to human nutrition.
3	Will be able to configure the relationship between metabolism and nutrition with computer aided by using the latest technologies.
4	Will be able to establish the relationship between the knowledge gained in nutritional biochemistry and human health.
5	Will be able to convey the problems and solutions related to metabolism in written and oral form based on biochemical data.

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.