Course Syllabus

Code - Course Title	**YAB222 - Nutraceuticals**
Course Type	III. SEMESTER
Laboratory + Practice	2+0
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	PROF. DR. AYHAN ALTINTAŞ

Mode of Delivery	The mode of delivery of this course is face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to nutraceuticals and functional foods.	
Week - 2		Importance of nutraceuticals and fonctional foods in human health and diseases.	
Week - 3		Status and trade of nutraceuticals and functional foods in Turkey, European union and the world.	
Week - 4		Importance of trace compounds in nutrition	
Week - 5		problems of use problems faced in production of nutraceuticals.	
Week - 6		problems of use problems faced in control of nutraceuticals.	
Week - 7		Herbal Supplements	
Week - 8		antioxidants	
Week - 9		minerals, fatty acids	
Week - 10		nucleotides, amino acids	
Week - 11		phytosterols, probiotics, beta-carotene,	
Week - 12		phytosterols, probiotics, beta-carotene,	
Week - 13		proteins, plant extracts	
Week - 14		Standardization and stability of nutraceuticals	

Learning Outcomes

#	Learning Outcome
1	discuss nutraceuticals and their effects on health.
2	discuss Functional foods and their effects on health.
3	discuss Herbal Supplements and their effects on health.
4	discuss Dietary Supplements and their effects on health.
5	discuss Antioxidanst and their effects on health.

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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**