Course Syllabus

Code - Course Title	**BİY430 - Genetic Toxicology**
Course Type	VIII. SEMESTER
Laboratory + Practice	2+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DOÇ. DR. BERRİN TÜYLÜ

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.
Recommended Resources	papers concern with genetic toxicology
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Definition and extention of genetic toxicology	
Week - 2		Importance of mutations and relation with carcinogenesis	
Week - 3		Importance of mutations and relation with carcinogenesis	
Week - 4		Various physical mutagens	
Week - 5		Mechanisms of physical mutagens	
Week - 6		Various chemical mutagens	
Week - 7		Mechanisms of chemical mutagens	
Week - 8		Metabolism of genotoxic agents	
Week - 9		Metabolic activation systems	
Week - 10		Steps of metabolic activation	
Week - 11		General approach of mutagenicity test systems	
Week - 12		Homework presentation	
Week - 13		Homework presentation	
Week - 14		Homework presentation	

Learning Outcomes

#	Learning Outcome
1	inspectf physical and chemical genotoxic agents being exposed in his/her environment.
2	relate genotoxicity and DNA repair mechanisms.
3	propose an genotoxicity test about an environmental agent.

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 (%)
Final Exam	1	50
2.Midterm Exam	1	25
Homework	1	25
	Sum (%)	**100**