Course Syllabus

Code - Course Title	**BİY424 - Biology of Cancer**
Course Type	VI. SEMESTER
Laboratory + Practice	2+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	PROF. DR. AYŞE TANSU KOPARAL

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	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Cancer as a genetic disease and its history	
Week - 2		Genetic variations in cancer	
Week - 3		Variations in transform cells	
Week - 4		Viruses and oncogenes as causing agents of cancer	
Week - 5		Oncogenes and their proteins	
Week - 6		Cancer types and their nomenclatures	
Week - 7		Metastazise, carcinogens and cancerogenecity	
Week - 8		Metastazise, carcinogens and cancerogenecity	
Week - 9		Cancerogenicity test methods	
Week - 10		Methods for cancer diagnosis	
Week - 11		Molecular mechanisms of some cancer types	
Week - 12		Recent treatment methods	
Week - 13		Developing methods and latest studies	
Week - 14		Avoiding cancer	

Learning Outcomes

#	Learning Outcome
1	define fundamental knowledge about cancer.
2	define protooncogene, oncogene and proteins of oncogene .
3	define avoiding of cancer, methods of cancer diagnosis and treatment methods.

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