Course Syllabus

Code - Course Title	**BİY218 - Microbiology Laboratory II**
Course Type	IV. SEMESTER
Laboratory + Practice	0+2
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. NALAN YILMAZ SARIÖZLÜ

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

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Isolation of coliphages	
Week - 2		Purification and counting of coliphages	
Week - 3		Macroscopical and microscopical examination of molds	
Week - 4		Microscobic investigation of yeasts	
Week - 5		Microscobic investigation of plant parasitic fungi	
Week - 6		Isolation of streptomycin resistant bacteria	
Week - 7		Determination of minimal inhibitory concentration (MIC) of some antibiotics	
Week - 8		Determination of minimal inhibitory concentration (MIC) of some antibiotics	
Week - 9		Oligodynamic effect	
Week - 10		Serological identification by agglutination test	
Week - 11		Serological identification by agglutination test	
Week - 12		Isolation and identification of Bacteria	
Week - 13		Isolation and identification of Bacteria	
Week - 14		Isolation and identification of Arkea	

Learning Outcomes

#	Learning Outcome
1	differentiate groups of microorganisms.
2	differentiate virus, prokaryotes and eukaryotes.
3	make antibiotic sensitivity tests.
4	identify bacteria with serological methods.
5	isolate and examine Archaea

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	40
Quiz	1	30
	Sum (%)	**70**