Course Syllabus

Code - Course Title	**BİY216 - Microbiology II**
Course Type	IV. SEMESTER
Laboratory + Practice	2+0
ECTS	**2.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. MEHMET BURÇİN MUTLU

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	Microbiology text books
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		viruses, virus replication	
Week - 2		nomenclature and classification of viruses	
Week - 3		eukaryotic microorganisms	
Week - 4		introduction to microbial genetics,genetics of prokaryotic and eukaryotic microorganisms	
Week - 5		genetic transfer, extrachromosomal inheritance	
Week - 6		mutations	
Week - 7		antigen and antibodies, microbial antigens	
Week - 8		immune reply, poliklonal and monoklonal antibodies	
Week - 9		antigen-antibody reactions	
Week - 10		bacteria and species concept in bacteria	
Week - 11		bacterial identification methods	
Week - 12		archaebacteria	
Week - 13		eubacteria	
Week - 14		eubacteria	

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	15
Final Exam	1	50
2.Midterm Exam	1	15
Homework	1	20
	Sum (%)	**100**