Course Syllabus

Code - Course Title	**BİY449 - Forensic Entomology**
Course Type	VII. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.5**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	PROF. DR. ALİ YAVUZ KILIÇ

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	-
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		General Entomology and Arthropod Biology	
Week - 2		General Entomology and Arthropod Biology	
Week - 3		Insects of Forensic Importance	
Week - 4		Collection of Entomological Evidence during Death Investigation	
Week - 5		Insect Succession on Carrion and Its Relationship to Determining Time of Death	
Week - 6		The Role of Aquatic Insects in Forensic Investigations;	
Week - 7		Estimating The Postmortem Interval;	
Week - 8		Insect Development and Forensic Entomology	
Week - 9		Laboratory rearing of forensic insects,	
Week - 10		Computer modeling of insect growth and its application to forensic entomology;	
Week - 11		Entomotoxicology: Insects as toxicological indicators and impact of drugs and toxins on insect development;	
Week - 12		DNA Tecniques for Forensic Entomology;	
Week - 13		Entomological Alteration of Bloodstain Evidence	
Week - 14		The Forensic Entomologist as Expert Witness.	

Learning Outcomes

#	Learning Outcome
1	recognise and determine the insect species that are used in forensic studies.
2	solve the problems about the time and reason of death by using insects.
3	evaluate the environmental effects on decaying of corpses and development of insects in forensic cases.
4	evaluate and reach results in forensic cases.

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	30
Homework	1	20
	Sum (%)	**100**