Course Syllabus

Code - Course Title	**ECZ494 - Pharmaceutical and Medicinal Chemistry IV**
Course Type	VIII. SEMESTER
Laboratory + Practice	2+1
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. LEYLA YURTTAŞ, DOÇ. DR. BEGÜM NURPELİN SAĞLIK ÖZKAN

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	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Instrumental Analysis and Quality Control (Lab Demo)	
Week - 2		Instrumental Analysis Application I (Lab)	
Week - 3		Instrumental Analysis Application II (Lab)	
Week - 4		Instrumental Analysis Application III (Lab)	
Week - 5		Immunosuppressant drugs, Immunostimulants, Antiallergic drugs	
Week - 6		Antiulcer Drugs, Digestants	
Week - 7		Emetic, Antiemetic and Prokinetic Drugs	
Week - 8		Laxatives and Purgatives, Antidiarrheal Drugs	
Week - 9		Hypothalamus and Pituitary Hormone Drugs, Thyroid Hormone Preparations and Antithyroid Drugs	
Week - 10		Estrogens, Progestins and Antagonists, Androgens, Anabolic Steroids and Antiandrogenic drugs	
Week - 11		Insulin-Glucagon Analogs and Antidiabetic Drugs	
Week - 12		Corticosteroids, corticosteroid antagonists and ACTH	
Week - 13		Parathyroid Hormone and Vitamin D Preparations and Calciotropic Drugs	
Week - 14		Parathyroid Hormone and Vitamin D Preparations and Calciotropic Drugs	

Learning Outcomes

#	Learning Outcome
1	Explain immune system drugs.
2	Explain antiallergic drugs.
3	Explain Steroid Hormones.
4	Be able to explain digestan.
5	Explain antiulcer drugs.
6	Explain Emetics and Antiemetics.
7	Explain laxative and purgative drugs.
8	Explain antidiarrheal drugs.
9	Be able to perform IR Spectroscopy applications.
10	Be able to perform 1H NMR Spectroscopy applications.
11	Be able to perform mass spectroscopy applications.
12	Be able to perform quality control practices for active pharmaceutical ingredients.

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.