Course Syllabus

Code - Course Title	**FKL549 - Rational Drug Use**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. NURCAN BEKTAŞ TÜRKMEN

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	Barbara Wells, Joseph DiPiro, Terry L.Schwinghammer, Cecily DiPiro, Pharmacotherapy Handbook, Seventh Edition, McGraw-Hill Medical, 2009.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Concepts of Rational Drug Use: Definition, Precaution, Basic Principles and Approaches, Responsibilities of Health Personnel, Patient Responsibilities.	
Week - 2		Antibiotic Pharmacology: Groups, Mechanisms of action and Pharmacokinetics	
Week - 3		Antibiotic Pharmacology: Groups, Mechanisms of action and Pharmacokinetics	
Week - 4		Antibiotic Pharmacology: Indications, Side effects, Contraindications.	
Week - 5		Antibiotic Pharmacology: Indications, Side effects, Contraindications.	
Week - 6		Antibiotic-Drug interactions	
Week - 7		Antibiotic-Drug interactions	
Week - 8		Antibiotic-Nutrient interactions	
Week - 9		Incorrect Antibiotic Usage: Frequent misapplications and consequences, Antibiotic resistance.	
Week - 10		Antibiotic resistance and Consequences of antibiotic resistance	
Week - 11		Precautions that can be taken to avoid wrong antibiotic administration.	
Week - 12		Rational Antibiotic Use Approaches.	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Rational Antibiotic Use Approaches.	
Week - 14		Development of new antibiotics	

Learning Outcomes

#	Learning Outcome
1	Will be able to classify antibiotic drugs.
2	Will be able to discuss the misuse of antibiotics
3	Will be able to define antibiotic resistance and explain its importance.
4	Will be able to explain and discuss approaches to rational antibiotic use.

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.