Course Syllabus

Code - Course Title	**FKM635 - Stereochemistry in Drug Design**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. BEGÜM NURPELİN SAĞLIK ÖZKAN

Mode of Delivery	Face to face learning
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme componente for this course.
Recommended Resources	There are no recommended or required reading.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Isomer in chemical compounds	
Week - 2		Introduction to stereochemistry	
Week - 3		Stereochemistry in organic compounds	
Week - 4		Determination of stereochemical configuration	
Week - 5		Stereochemical properties	
Week - 6		Stereospecific synthesis methods	
Week - 7		Stereospecific synthesis methods	
Week - 8		Stereospecific synthesis methods	
Week - 9		Effects of isomeric differences on drug activity	
Week - 10		Receptors	
Week - 11		Drug - receptor interactions	
Week - 12		Drug - receptor interactions	
Week - 13		Stereochemical relationships between drug and receptor	
Week - 14		Stereochemical relationships between drug and receptor	

Learning Outcomes

#	Learning Outcome
1	Will be able to interpret stereochemical concepts.
2	Will be able to compare stereochemical properties and separation methods of drugs.
3	Will be able to interpret interaction of drug’s stereochemistry with target receptor.
4	Will be able to interpret stereochemical properties of starting materials and products in stereospecific reactions.

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.