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Syllabus

Code and Name of the Course	PHA746 – Drug Design And The Methods
Course Coordinator	Prof. Dr. Esin AKI YALÇIN
Course Grade	Undergraduate
Course Credit	1
Course Type	Elective
Course Content	In this course it is aimed to teach importance of rational drug design methods, effector- target relationship, physicochemical parameters, quantitative structure-activity relationship analysis, Hansch analysis, Free-Wilson analysis, mixture analysis, 3D quantitative structure-activity relationship analysis, CoMFA analysis, CoMSIA analysis, molecular modeling methods, docking studies, DeNovo analysis.
Aim of the Course	Giving information about which methods are using for design of the active ingredients of pharmaceutical compounds and steps are taken place before pharmaceutical market
Course Duration	One term (one hour/week)
Language	English
Prerequisite	Organik Kimya ve Analitik Kimyadan sonra alınmalı
Recommend Sources	- Understanding the Basics of QSAR for Applications in Pharmaceutical Sciences and Risk Assessment, Kunal Roy; Supratik Kar; Rudra Narayan Das
Course Credit (ECTS)	2
Practise	-
Other-1	-