

Import module

[E1.20]	Pharmacology	Compulsory elective module	6 CP (total) = 180 h				4 SWS	
			Contact hours 4 SWS / 60 h		Independent study 120 h			
Content								
<p>Pharmacodynamics, pharmacokinetics and toxicology of drugs; pathophysiology and drug therapy of selected diseases; drug development.</p> <p>About two thirds of the seminar is held in the form of interactive lectures, in the second half the students present content in presentations that were developed in group work.</p>								
Learning outcomes and skills								
<p>The seminar provides students with basic knowledge from the fields of pharmacology and toxicology on the basis of pathophysiological and biochemical laws. The students learn to develop and present knowledge from this area independently. Upon successful completion of the module, students are able to understand and explain the effects and side effects of drugs in certain diseases on the basis of pathophysiological and biochemical knowledge. Through the presentations, they learn in particular about the nature of drug development. The module thus expands your possible career spectrum in the direction of life science activities.</p>								
Admissions requirements/Conditions for participation in the module/courses								
None								
Recommended prior knowledge								
None								
Organizational details								
<p>Import module, the registration and cancellation periods of the regulations for the Master's degree in chemistry apply. (The exam requires registration, no later than seven days before the exam date. You can withdraw up to two working days before the examination date without giving a reason.)</p> <p>Registration is required for the module. The exact course regulations will be announced at the beginning of the course (introductory event). Minimum number of participants: 12 students.</p>								
Module allocation (degree programme/faculty)			Master Chemistry / FB14					
Eligibility of the module for other courses			Bachelor / Master Biochemistry / FB14, Master Bioinformatics /FB11					
Module offered			summer semester					
Duration			1 semester					
Module coordinator			Dr Lu					
Course requirements for credits								
Participation record			Regular and active participation					
Coursework			- presentation - expert talk (20 min.) or exam (60 min.)					
Forms of teaching / learning			seminar					
Language teaching and instruction			German or English					
Module assessment			Form / duration / content, if applicable					
Final module assessment			None					
Cumulative module assessment consisting of								
Composition of the module grade for cumulative module assessment								
			Mode of teaching / study	Semester hours per week	Semester CP			
					1	2	3	4
			Introduction to pharmacology for students of natural sciences	S	4		6	
			TOTAL		4		6	