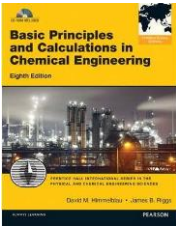
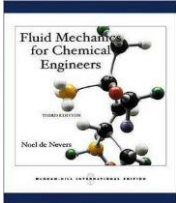
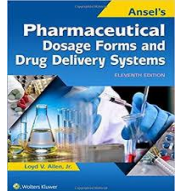


**List of Coursebooks - Bachelor's Degree Programme - 3<sup>rd</sup> Semester  
Faculty of Life Sciences & Technology, Department of Chemical Engineering -  
Concentration of Pharmaceutical Engineering – 2021/2022**

	<b>Subject</b>	<b>Books</b>	<b>Prices</b>	<b>Notes</b>
	Introduction to Pharmaceutical Engineering	Basic principle and calculation in chemical engineering, 8e Himmelblau Pearson ISBN 9780132835565	Available on demand	Adopted since April 2017
	Material and Energy Balance			Adopted since April 2015
	Transport Phenomena	Fluid mechanics for chemical engineering, 3e Nevers McGraw-Hill ISBN 9780071238243	Rp. 421.500	Adopted since February 2015
	Pharmaceutical Chemistry	Ansel's Pharmaceutical dosage form and drug delivery systems, 11e Allen LWW ISBN 9781496347282	Available on demand	
	Pharmaceutical Chemistry Laboratory	Handout		
	Analytical Instrumentation	Handout		
	Good Manufacturing Practice (GMP) and Pharmaceutical Code	Handout		
<b>Total</b>			<b>Rp. 421.500,-</b>	