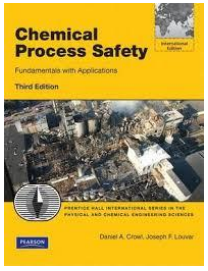
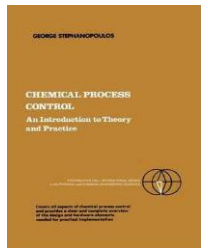




**List of Coursebooks - Bachelor's Degree Programme - 7th Semester
Faculty of Life Sciences & Technology, Department of Chemical Engineering -
Concentration of Pharmaceutical Engineering – 2021/2022**

	Subject	Books	Prices	Notes
	Plant Safety Operation	Chemical Process Safety: Fundamentals with Applications, 3e Crowl Pearson ISBN 9780132782838	Available on demand	Adopted since April 2017
	Process Control	Chemical Process Control: An Introduction to Theory and Practice Stephanopoulos Pearson ISBN 9780131286290	Available on demand	Adopted since April 2017
	Engineering Economy and Analysis	Engineering economy, 16e Sullivan Pearson ISBN 9781292019499	Rp. 526.500	Adopted since September 2010
	Plant Design	Handout		Used since April 2017
	Pharmaceutical Materials and Formulation	Handout		Used since April 2017
	Research Methodology	Research Methods for Engineers David Cambridge ISBN 9781107610194	Available on demand	Adopted since April 2015
	Pharmaceutical Industry Facility [Elective Course]	Handout		
	Pharmaceutical Quality Control	Handout		

	System [Elective Course]			
	Critical Utility and Waste Treatment	Handout		
	English for Academic Writing and Intl. Preparation	Handout		
Total			Rp. 526.500,-	