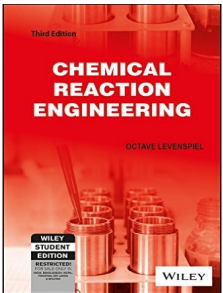

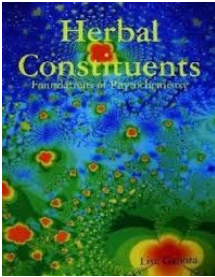
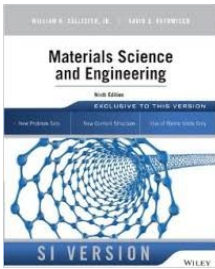
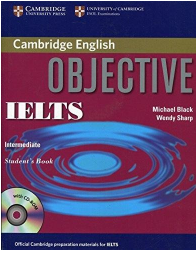
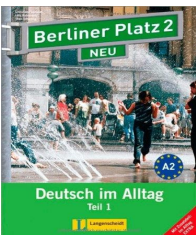


List of Coursebooks - Bachelor's Degree Programme - 5th Semester
Faculty of Life Sciences & Technology, Department of Chemical Engineering, Concentration of
Pharmaceutical Engineering - 2018/2019

	Subject	Books	Price	Notes
	Engineering Mathematics	Handout		Adopted since April 2017
	Reactor Engineering [Elective Course]	Chemical Reaction Engineering, 3e Levenspiel John Wiley ISBN 9780471254249	Continued from previous semester	Adopted since April 2016
	Bioprocess Engineering [Elective Course]			
	Process Equipment Design	Unit operations of chemical engineering, 7e McCabe McGraw-Hill ISBN 9780071247108	Continued from previous semester	Adopted since April 2015
	Separation Technology			Adopted since April 2016
	Pharmaceutical Engineering Unit Operations Laboratory			Adopted since September 2007
	Herbal & Traditional industry [Elective Course]	Herbal constituents: foundations of phytochemistry Ganora Herbalchem ISBN 9780615273860	Available on demand	Adopted since April 2016
	Material Science [Elective Course]	Material science and engineering SI, 9e Callister John Wiley ISBN 9781118319222	Rp. 560.000	Adopted since April 2016

	English 4	Objective IELTS Intermediate Student's Book with CD ROM Black Cambridge ISBN 9780521608824	Continued from previous semester	Adopted since April 2016
	Indonesian Language	Handout		
	German Language and Culture 4	Berliner Platz 2 NEU : Deutsch im Alltag / Lehr- und Arbeitsbuch CD's Lemcke Langenscheidt ISBN 9783126060394	Rp. 310.000	Adopted since February 2014
Total			Rp. 870.000,-	