

**List of Coursebooks - Bachelor's Degree Programme – 3rd Semester
Faculty of Life Sciences & Technology – Department of Chemical Engineering –
Concentration of Sustainable Energy & Environment – 2021/2022**

	Subject	Book	Price	Notes
	Materials and Energy Balance	Basic principle and calculation in chemical engineering, 8e Himmelblau Pearson ISBN 9780132835565	Available on demand	Adopted since April 2015
	Transport Phenomena	Fluid Mechanics for chemical engineering, 3e Nevers McGraw-Hill ISBN 9780071238243	Rp. 421.500	Adopted since April 2015
	Renewable Energy 1 (Bioenergy-Ocean)	Intro to Biomass Energy Conversions Capareda CRC ISBN 9781466513334	Available on demand	Adopted since April 2015
	Numerical Methods	Handout		Used since April 2017
	Analytical Instrumentation	Handout		
	English 4	Handout		
	Indonesian Language	Handout		
Total			Rp. 421.500,-	