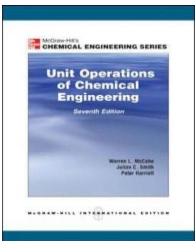
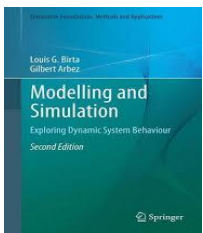
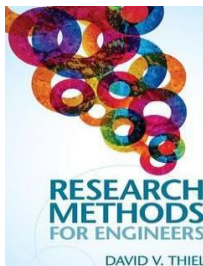
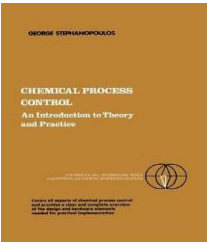
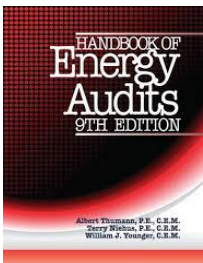
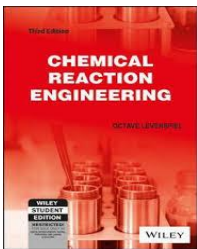


**List of Coursebooks - Bachelor's Degree Programme – 7<sup>th</sup> Semester  
Faculty of Life Sciences & Technology – Department of Chemical Engineering –  
Concentration of Sustainable Energy & Environment – 2021/2022**

	<b>Subject</b>	<b>Book</b>	<b>Price</b>	<b>Notes</b>
	Process Equipment Design	Unit operations of chemical engineering, 7e McCabe McGraw-Hill ISBN 9780071247108	Continued from previous semester	Adopted since April 2017
	Energy Modeling	Modelling and Simulation: Exploring Dynamic System Behaviour, 2e Birta Springer ISBN 9781447127826	Continued from previous semester	Adopted since April 2017
	Research Methodology	Research Methods for Engineers David Cambridge ISBN 9781107610194	Available on demand	Adopted since April 2017
	Process Control	Chemical Process Control: An Introduction to Theory Stephanopoulos Pearson ISBN 9780131286290	Available on demand	Adopted since April 2017
	Energy Conservation & Audit	Handbook of Energy Audits, 9e Thumann CRC ISBN 9781466561625	Continued from previous semester	Adopted since April 2016.

	Reactor Engineering <b>[Elective Course]</b>	Chemical Reaction Engineering, 3e Levenspiel John Wiley ISBN 9788126510009	Continued from previous semester	Adopted since April 2016
	Bioprocess Engineering <b>[Elective Course]</b>	Handout		
	Hydrogen Nuclear Energy	Handout		
	Green Building <b>[Elective Course]</b>	Handout		
	English 5	Handout		
<b>Total</b>			<b>Rp.</b>	