

Master of Biopharmaceutical Engineering

Year 1			
S1	CHEM ENG 7064 Upstream Bioprocessing <input type="checkbox"/>	CHEM ENG 7065 Batch and Continuous Biomanufacturing <input type="checkbox"/>	CHEM ENG 7066 Advanced Technologies in Biopharmaceutical Processing <input type="checkbox"/>
S2	CHEM ENG 7061 Quality by Design and Process Analytical Technology <input type="checkbox"/>	CHEM ENG 7062 Downstream Bioprocessing <input type="checkbox"/>	CHEM ENG 7063 Good Manufacturing Practice, Validation and Regulation <input type="checkbox"/>
Year 2			
S1	CHEM ENG 7070A Biopharmaceutical Engineering Research Project Part A (9 units) <input type="checkbox"/>		Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
S2	CHEM ENG 7070B Biopharmaceutical Engineering Research Project Part B (9 units) <input type="checkbox"/>		Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>

Core Courses	Elective (see table)
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Biopharmaceutical Engineering Elective					
S1	**CHEM ENG 7021	Special Studies in Chemical Engineering	S2	**CHEM ENG 7021	Special Studies in Chemical Engineering
	CHEM ENG 7030	Process Simulation & Modelling (not offered in 2021)		*CHEM ENG 7060	Principles of Biopharmaceutical Engineering
	CHEM ENG 7109	Advanced Engineering of Biomaterials		ELEC ENG 7164	Business Management Systems
	PROJMGNT 5021	Project Management Fundamentals		MATHS 7025	Research Methods and Statistics
				PROJMGNT 5021	Project Management Fundamentals

* Compulsory for students without an undergraduate chemical engineering degree.

** Only for students who have discussed this option with the Course Coordinator.

Program Rules: For academic program rules please refer to the following website:

<https://calendar.adelaide.edu.au/faculty/ecms>

Information and Enrolment Advice:

Ask ECMS

Email: askecms@adelaide.edu.au

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>