

Year 1			
S 2	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"/> Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Year 2			
S 1	CHEM ENG 7064 Upstream Bioprocessing and Bioformulation <input type="checkbox"/>	CHEM ENG 7065 Batch and Continuous Biomanufacturing <input type="checkbox"/>	CHEM ENG 7066 Advanced Technologies in Biopharmaceutical Processing <input type="checkbox"/> Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
S 2	CHEM ENG 7070A Biopharmaceutical Engineering Research Project Part A (9 units) <input type="checkbox"/>		Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Year 3			
S 1	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 CHEM ENG 7030 Process Modelling & Control (not offered in 2022) PROJMGNT 5021 Project Management Fundamentals	S2	**CHEM ENG 7021 Special Studies in Chemical Engineering *CHEM ENG 7060 Principles of Biopharmaceutical Engineering CHEM ENG 7109 Advanced Engineering of Biomaterials ELEC ENG 7164 Business Management Systems 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>