

Master of Biopharmaceutical Engineering

Semester 2 Start

[Master of Biopharmaceutical Engineering - Research](#)

[Master of Biopharmaceutical Engineering - Industry](#)

[Master of Biopharmaceutical Engineering - Professional](#)

Master of Biopharmaceutical Engineering – Research Pathway– Semester 2 Start

Year 1				
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"/>	*Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Year 2				
S1	CHEM ENG 7064 Upstream Bioprocess & Bioform <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"/>
S2	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				
S1	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 Table

CHOOSE FROM THE FOLLOWING BIOPHARMACEUTICAL ENGINEERING ELECTIVES				
	CHEM ENG 7030 Process Simulation and Modeling <input type="checkbox"/>	*CHEM ENG 7060 Principles of Biopharmaceutical Engineering <input type="checkbox"/>	CHEM ENG 7109 Advanced Engineering of Biomaterials <input type="checkbox"/>	<input type="checkbox"/>
	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>	ELEC ENG 7164 Business Management Systems <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics <input type="checkbox"/>	<input type="checkbox"/>

NOTES

*Compulsory in the first semester of study for students without an undergraduate engineering degree

Information and Enrolment Advice:

Ask ECMS

Email: askecms@adelaide.edu.au

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

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

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

Master of Biopharmaceutical Engineering – Industry Pathway– Semester 2 Start

Year 1				
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"/>	*Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Year 2				
S1	CHEM ENG 7064 Upstream Bioprocess & Bioform <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"/>
S1	CHEM ENG 7071A Biopharmaceutical Engineering Industry Project Part A (9 units) <input type="checkbox"/>			Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Year 3				
S2	CHEM ENG 7071B Biopharmaceutical Engineering Industry Project Part B (9 units) <input type="checkbox"/>			Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Core Courses				

Elective Table

CHOOSE FROM THE FOLLOWING BIOPHARMACEUTICAL ENGINEERING ELECTIVES				
	CHEM ENG 7030 Process Simulation and Modeling <input type="checkbox"/>	*CHEM ENG 7060 Principles of Biopharmaceutical Engineering <input type="checkbox"/>	CHEM ENG 7109 Advanced Engineering of Biomaterials <input type="checkbox"/>	
	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>	ELEC ENG 7164 Business Management Systems <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics <input type="checkbox"/>	

NOTES

*Compulsory in the first semester of study for students without an undergraduate engineering degree

Information and Enrolment Advice:

Ask ECMS

Email: askecms@adelaide.edu.au

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

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

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

Master of Biopharmaceutical Engineering – Professional Pathway– Semester 2 Start

Year 1				
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"/>	*Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Year 2				
S1	CHEM ENG 7064 Upstream Bioprocess & Bioform <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"/>
S1	CHEM ENG 70XXA Biopharmaceutical Engineering Professional Project Part A (6 units) <input type="checkbox"/>		Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>	Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Year 3				
S2	CHEM ENG 70XXB Biopharmaceutical Engineering Professional Project Part B (6 units) <input type="checkbox"/>		Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>	Biopharmaceutical Engineering Elective (see elective table) <input type="checkbox"/>
Core Courses				

Elective Table

CHOOSE FROM THE FOLLOWING BIOPHARMACEUTICAL ENGINEERING ELECTIVES				
	CHEM ENG 7030 Process Simulation and Modeling <input type="checkbox"/>	*CHEM ENG 7060 Principles of Biopharmaceutical Engineering <input type="checkbox"/>	CHEM ENG 7109 Advanced Engineering of Miomaterials <input type="checkbox"/>	
	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>	ELEC ENG 7164 Business Management Systems <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics <input type="checkbox"/>	

NOTES

*Compulsory in the first semester of study for students without an undergraduate engineering degree

Information and Enrolment Advice:

Ask ECMS

Email: askecms@adelaide.edu.au

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

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

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