

Bachelor of Biomedicine – Course Planner

Mid-Year Intake – Bioengineering System Major

Year 1				
Semester 2	BIOL10003 Genes and Environment	ENGR10003 Engineering Systems Design 2	Maths Subject	
Year 2				
Semester 1	BIOL10002 Biomolecules and Cells	CHEM10006 Chemistry for Biomedicine	Maths Subject	
Semester 2	BIOM20002 Human Structure and Function		MAST20029 Engineering Mathematics	
Year 3				
Semester 1	BIOM20001 Molecular and Cellular Biomedicine		BMEN20001 Biomechanical Physics and Computation	Major Elective Subject: BMEN30006 Circuits and Systems
Semester 2	BIOM30001 Frontiers in Biomedicine	BMEN30007 Biotransport Processes	BMEN30008 Biosystems Design	
Year 4				
Semester 1	BIOM30002 Biomedicine: Molecule to Malady	BMEN30005 Introduction to Biomechanics		

Year 1/2 Maths Subjects: MAST10011 Experimental Design and Data Analysis and MAST10016 Maths for Biomedicine are both required to be completed.

- Students who have completed VCE biology or equivalent should take MAST10016 in their first semester and MAST10011 in their second semester of study.
- All other students take MAST10011 first and MAST10016 second.

Year 3/4 Major Subjects: Please refer to the Handbook for the list of elective subjects in the Bioengineering Systems major. Note that most Biomedicine students will take BMEN30006 Circuits and Systems due to the pre-requisite requirements. This is required to be completed in Year 3 Semester 1 to meet the pre-requisite requirements for BMEN30008.

Blank options:

- You must complete 4-6 breadth subjects; the other 0-2 subjects are selectives. You may need to choose these carefully to ensure you meet the pre-requisite requirements for your major elective subjects.