

## Bachelor of Biomedicine – Course Planner

### Start Year Intake – Bioengineering System Major

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

**Year 1 Maths Subjects:** Maths options are based on your background in mathematics.

- If you received a study score of at least 38 in VCE Specialist Maths or equivalent, you will take MAST10008 Accelerated Mathematics 1 (Semester 1) and MAST10009 Accelerated Mathematics (Semester 2)
- If you received a study score of at least 29 in VCE Specialist Maths or equivalent, you will take MAST10006 Calculus 2 (Semester 1 or 2) and MAST0007 Linear Algebra (Semester 1, 2 or Summer).
- If you did not take Specialist Maths or do not meet the mark requisite then you will take MAST10005 Calculus 1 as a selective in Semester 1, MAST10006 in Semester 2 and MAST10007 in Summer (this will allow you to progress onto the Year 2 subjects without being delayed).

**Year 3 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.

**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.