

## Biomedical Biotechnology (specialisation of Biotechnology major)

<b>Year and Campus:</b>	2015																																															
<b>Coordinator:</b>	See Biotechnology major																																															
<b>Contact:</b>	See Biotechnology major																																															
<b>Overview:</b>	Biomedical Biotechnology specialisation within the Biotechnology major																																															
<b>Learning Outcomes:</b>	See Biotechnology major																																															
<b>Structure &amp; Available Subjects:</b>	<p>Completion of 50 points of study at Level 3.</p> <p>There are three streams within this specialisation:</p> <ul style="list-style-type: none"> <li># Biochemistry stream</li> <li># Microbiology and Immunology stream</li> <li># Pharmacology stream</li> </ul>																																															
<b>Subject Options:</b>	<p><b>Biochemistry stream</b></p> <p>All four of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BTCH30003 Biotechnology in Practice</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>BCMB30001 Protein Structure and Function</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>BCMB30010 Advanced Techniques in Molecular Science</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>BCMB30002 Functional Genomics and Bioinformatics</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p><b>Microbiology and Immunology stream</b></p> <p>All three of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BTCH30003 Biotechnology in Practice</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>MIIM30002 Principles of Immunology</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>MIIM30011 Medical Microbiology: Bacteriology</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus one of:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MIIM30015 Techniques in Immunology</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MIIM30016 Techniques in Microbiology</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p><b>Pharmacology stream</b></p> <p>All three of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BTCH30003 Biotechnology in Practice</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>PHRM30008 Drugs: From Discovery to Market</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	BTCH30003 Biotechnology in Practice	Semester 1	12.50	BCMB30001 Protein Structure and Function	Semester 2	12.50	BCMB30010 Advanced Techniques in Molecular Science	Semester 1, Semester 2	12.50	BCMB30002 Functional Genomics and Bioinformatics	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	BTCH30003 Biotechnology in Practice	Semester 1	12.50	MIIM30002 Principles of Immunology	Semester 1	12.50	MIIM30011 Medical Microbiology: Bacteriology	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	MIIM30015 Techniques in Immunology	Semester 2	12.50	MIIM30016 Techniques in Microbiology	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	BTCH30003 Biotechnology in Practice	Semester 1	12.50	PHRM30008 Drugs: From Discovery to Market	Semester 1	12.50
Subject	Study Period Commencement:	Credit Points:																																														
BTCH30003 Biotechnology in Practice	Semester 1	12.50																																														
BCMB30001 Protein Structure and Function	Semester 2	12.50																																														
BCMB30010 Advanced Techniques in Molecular Science	Semester 1, Semester 2	12.50																																														
BCMB30002 Functional Genomics and Bioinformatics	Semester 1	12.50																																														
Subject	Study Period Commencement:	Credit Points:																																														
BTCH30003 Biotechnology in Practice	Semester 1	12.50																																														
MIIM30002 Principles of Immunology	Semester 1	12.50																																														
MIIM30011 Medical Microbiology: Bacteriology	Semester 1	12.50																																														
Subject	Study Period Commencement:	Credit Points:																																														
MIIM30015 Techniques in Immunology	Semester 2	12.50																																														
MIIM30016 Techniques in Microbiology	Semester 1	12.50																																														
Subject	Study Period Commencement:	Credit Points:																																														
BTCH30003 Biotechnology in Practice	Semester 1	12.50																																														
PHRM30008 Drugs: From Discovery to Market	Semester 1	12.50																																														

	PHRM30009 Drugs in Biomedical Experiments	Semester 1, Semester 2	12.50
	Plus one elective selected from		
	<b>Subject</b>	<b>Study Period Commencement:</b>	<b>Credit Points:</b>
	PHRM30003 Drug Treatment of Disease	Semester 2	12.50
	PHRM30002 Drugs Affecting the Nervous System	Semester 2	12.50
<b>Related Majors/Minors/ Specialisations:</b>	Biotechnology		