

Biochemistry and Molecular Biology

Year and Campus:	2009																														
Overview:	<p>Major study in Biochemistry and Molecular Biology.</p> <p>Separate structures of this major exist students depending upon whether they had previously completed third year level Biochemistry and Molecular Biology subjects prior to 2009.</p>																														
Objectives:	.																														
Subject Options:	<p>Biochemistry and Molecular Biology major</p> <p>For students who have completed one or more third year level Biochemistry and Molecular Biology subjects prior to 2009.</p> <p>Completion of 50 points of study at third year level.</p> <p>The requirement of one compulsory third year level practical subject for a major in Biochemistry and Molecular Biology still stands.</p> <p>It can either be one of the pre-2009 subjects (521-321 Gene Technology and Protein Expression or 521-322 Protein Biochemistry and Proteomics) OR the 2009 subject <i>Advanced Techniques in Molecular Science</i>.</p> <p>The remainder of the 50 points can be made up of any combination of third year level Biochemistry and Molecular Biology subjects (pre-2009 and current subjects).</p> <p>NOTE:</p> <p>If a student finds that these pathways to a major in Biochemistry and Molecular Biology are not possible in 2009 due to clashes with other subjects, they should contact Associate Professor Ian van Driel (i.vandriel@unimelb.edu.au) or Associate Professor Paul Gooley (prg@unimelb.edu.au), who will work with individual students to try and ensure successful completion of the major.</p> <p>It is highly recommended that students majoring in Biochemistry and Molecular Biology complete both <i>Functional Genomics and Bioinformatics</i> and <i>Protein Structure and Function</i>, or the equivalent pre-2009 subjects, as this will provide the best grounding in the discipline.</p> <p>Biochemistry and Molecular Biology major (commencing 2009)</p> <p>For students who have not completed any third year level Biochemistry and Molecular Biology subjects prior to 2009.</p> <p>Completion of 50 points of study at third year level.</p> <p>Core subject:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>521-323 Advanced Techniques in Molecular Science</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus at least 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>521-301 Protein Structure and Function</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>521-302 Functional Genomics and Bioinformatics</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>The remainder of the 50 points at third year subject level to be made up of choices from:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>521-301 Protein Structure and Function</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>521-302 Functional Genomics and Bioinformatics</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>521-303 Molecular Aspects of Cell Biology</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>521-304 Cell Signalling and Neurochemistry</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	521-323 Advanced Techniques in Molecular Science	Semester 1, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	521-301 Protein Structure and Function	Semester 2	12.50	521-302 Functional Genomics and Bioinformatics	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	521-301 Protein Structure and Function	Semester 2	12.50	521-302 Functional Genomics and Bioinformatics	Semester 1	12.50	521-303 Molecular Aspects of Cell Biology	Semester 1	12.50	521-304 Cell Signalling and Neurochemistry	Semester 2	12.50
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	521-305 Biochemistry of Metabolism & Nutrition	Semester 1	12.50
Related Course(s):	Bachelor of Arts and Bachelor of Science Bachelor of Arts and Sciences Bachelor of Commerce and Bachelor of Science Bachelor of Science Bachelor of Science and Bachelor of Information Systems		