

## 543-801 Pharmaceuticals, Biotechnology And Stats

<b>Credit Points:</b>	25.00
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Time Commitment:</b>	Contact Hours: 30 hours (3 hours per week) Total Time Commitment: Not available
<b>Prerequisites:</b>	Nil
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.&lt;/p&gt;         &lt;p&gt;It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Subject Overview:</b>	This subject provides an overview of principles of the formulation of medicine, including chemistry (forecasting impurities which might arise during manufacturing, stability and storage of drugs, degradation products), factors determining dosage form designs (solubility, pH, particle size and shape) and associated problems of scaling up production, drug delivery systems, assay procedures/limitations of different analytical methods, quality control and assurance/stability testing and shelf life determination.
<b>Assessment:</b>	50%: Multiple Choice Questionnaire; 50%: Short Essay Examination (Max: 2,500 words).
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Related Course(s):</b>	Graduate Diploma in Drug Evaluation and Pharmaceutical Sciences