

## 360-778 Clinical Immunisation Research

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Time Commitment:</b>	Total Time Commitment: Not available
<b>Prerequisites:</b>	None
<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>	<p>Topics covered include:</p> <ul style="list-style-type: none"> <li>Recruitment strategies for immunisation studies</li> <li>Population versus intervention studies</li> <li>Ethics of conduct of studies in the developed and developing worlds</li> <li>The informed consent process in immunisation</li> <li>The role of control arms and where they are appropriate</li> <li>Differences in immune responses with age</li> <li>How to conduct vaccine studies including immunogenicity, efficacy, effectiveness and safety</li> <li>Post marketing studies</li> </ul> <p>Specific diseases will be used as examples. These will include meningococcal, rotavirus, influenza and pneumococcal</p>
<b>Assessment:</b>	Two assignments, each of 2000 words, and each worth 50 per cent
<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>Generic Skills:</b>	<p>Students who successfully complete this subject will be able to:</p> <ul style="list-style-type: none"> <li>Understand the basic principles of immunisation</li> <li>Understand the methods employed in the conduct of immunisation clinical trials</li> <li>Understand ethical issues specific to immunisation clinical trials</li> <li>Understand how endpoints of immunisation clinical trials are determined, including surrogate markers</li> <li>Define surrogate markers, and identify their limitations</li> <li>Understand the immunological, microbiological and laboratory assessment of immunisation clinical trials</li> <li>Understand principles of safety monitoring and post-licensure surveillance systems</li> <li>Understand vaccine study design</li> <li>Design a research proposal in immunisation</li> </ul>
<b>Related Course(s):</b>	<ul style="list-style-type: none"> <li>Graduate Diploma in Clinical Research</li> <li>Master of Clinical Research</li> <li>Specialist Cert.Clinical Research (Immunisation &amp; Infectious Diseases)</li> </ul>