

## PSYC90016 Biological Psychology & Pharmacotherapy

<b>Credit Points:</b>	6.25
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 1.5 hours of lectures/seminars per week for 12 weeks. Estimated Total Time Commitment: 54 hours Total Time Commitment: Not available
<b>Prerequisites:</b>	PSYC00029 Graduate Research Methods PSYC00030 Introduction Psychological Assessment PSYC00031 Introduction to Psychopathology
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	Completion of psychology studies to fourth-year (Honours) level.
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements, Further details on the disability support scheme can be found at the Disability Liaison Unit website: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Coordinator:</b>	Assoc Prof Trevor Norman
<b>Contact:</b>	Associate Professor Michael Saling Dr Trevor Norman
<b>Subject Overview:</b>	The disorders covered in this subject will include affective disorders, schizophrenia, stress and anxiety disorders, substance abuse disorders and disorders of cognitive function. The biological bases of these disorders will be discussed by outlining the contribution of evolutionary, genetic, neuroanatomical, and neurochemical factors, as well as how these factors interact with the psychosocial environment. Other topics that will be covered include psychopharmacological treatments of these disorders (ie. antipsychotics, antidepressants, mood-stabilisers, cognitive enhancing drugs and anti-depressants) and their mechanism of action and side effect profile.
<b>Objectives:</b>	Students will be given the opportunity to develop knowledge of the biological basis of psychiatric disorders and of the relevant neurochemical and neurophysiological systems underpinning those disorders. In addition students will learn about the psychopharmacological treatments for these disorders including their mechanism of action of side effect profile.
<b>Assessment:</b>	A mid-semester essay of 1500 words (60% of assessment) An end-of-semester 60 minute multiple choice test (40% of assessment).
<b>Prescribed Texts:</b>	No prescribed texts. A series of readings will be provided.
<b>Recommended 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>	Written skills Analytic and information integration skills
<b>Related Course(s):</b>	Master of Psychology (Clinical Child Psychology)/Doctor of Philosophy Master of Psychology (Clinical Child) Master of Psychology (Clinical Neuropsychology) Master of Psychology (Clinical Neuropsychology)/Doctor of Philosophy Master of Psychology (Clinical Psychology) Master of Psychology (Clinical Psychology)/Doctor of Philosophy