

512-916 Biological Psychology & Pharmacotherapy

Credit Points:	6.25
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 1.5 hours of lectures/seminars per week for 12 weeks. Estimated Total Time Commitment: 54 hours Total Time Commitment: Not available
Prerequisites:	PSYC00029 Graduate Research Methods PSYC00030 Introduction Psychological Assessment PSYC00031 Introduction to Psychopathology
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>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.</p> <p>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: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Prof Nick Allen
Contact:	Associate Professor Michael Saling Dr Trevor Norman
Subject Overview:	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.
Objectives:	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.
Assessment:	A mid-semester essay of 1500 words (60% of assessment)An end-of-semester 60 minute multiple choice test (40% of assessment).
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees

Generic Skills:	Written skills Analytic and information integration skills
Related Course(s):	Master of Psychology (Clinical Child) Master of Psychology (Clinical) Master of Psychology(Clinical Psychology)/Doctor of Philosophy Master of Psychology/PhD (Clinical Child)