PSYT90058 Neurosciences of Psychiatry

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: May, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 10 weeks x 3.5 hour seminars Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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 Overview, Objectives, Assessment and Generic Skills sections of this entry.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 the Disability Liaison Unit: http://www.services.unimelb.edu.au/disability/
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Subject Overview:	The aim of this stream is to introduce the student to the neurosciences and their relationship to psychiatry. The student will be exposed to the diversity of this field and understand how this knowledge is integrated to understanding the individual and their illness.
Objectives:	# Define the major principles of knowledge in each branch of the neurosciences and integrate this knowledge to improve the conception and treatment of major psychiatric disorders. # Discuss how this knowledge is acquired and developed through research. # Critically evaluate this knowledge and define psychiatric disorders according to their underlying neurobiological basis. # Critically appraise this knowledge and understand how it is acquired.
Assessment:	Critical review of literature and class presentation (50%) and a written assessment (50%)
Prescribed Texts:	Kaplan and Sadock Synopsis of Psychiatry Section 3 Charney, DJ, Nestler, EJ and Bunnery, B (Eds) " Neurobiology of mental illness". Oxford University Press, 1999. Eric J. Nestler, Steven E Hyman, Robert C. Malenka "Molecular Basis of Neuropharmacology: A Foundation for Clinical Neuroscience" McGraw-Hill (2001) Gary B. Kapla, (Editor), Ronald P. Hammer Jr. Brain Circuitry and Signalling in Psychiatry: Basic Science and Clinical Implications (Progress in Psychiatry, 61) American Psychiatric Press (2002)
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
Related Course(s):	Master of Psychiatry