516-305 Neuroscience: Systems & Higher Functions

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 24 lectures (two a week) and 10 hours tutorial or practical work Total Time Commitment: 120 hours
Prerequisites:	Anatomy 516-209.BBiomedSc students: 521-213 and 536-250.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.
Coordinator:	Assoc Prof Colin Anderson
Subject Overview:	The following topics will be considered: the structure and function of the main sensory systems and the motor systems; complex functions such as thought, emotion, motivation, memory and the disorders of thought and mood. Students will acquire an understanding of the major questions in neuroscience and the experimental tools that are being used to address them; develop written communication skills; and develop a capacity for independent critical thought, rational enquiry and self-directed learning.
Assessment:	A 30-minute written class test held mid-semester (20%); a 2-hour written examination during the examination period (80%).
Prescribed Texts:	Principles of Neural Science (Kandel, Schwartz and Jessell), 4th ed
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
Notes:	Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.
Related Course(s):	Bachelor of Biomedical Science
Related Majors/Minors/ Specialisations:	Anatomy Neuroscience Neuroscience (Behavioural Neuroscience specialisation)