NEUR90018 Project in Neuroscience

Credit Points:	50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2014.
Time Commitment:	Contact Hours: Distribution of time between specific tasks will be decided in negotiation with the supervisor, but an overall commitment of 10 hours per week (per 12.5 point loading) is expected. Total Time Commitment: N/A
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	For the purposes of considering request 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.
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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
Contact:	Email: **p.kitchener@unimelb.edu.au (mailto:p.kitchener@unimelb.edu.au)**
Subject Overview:	This subject provides students with the opportunity to design and conduct, under supervision, independent research in neuroscience. Specific research projects will depend upon the availability of appropriate expertise and resources. Students will take responsibility for a research project, including the design of field and/or laboratory experiments; collection, appropriate statistical analysis, and interpretation of data; and oral and written presentations of the results. The report describing the research will more closely resemble a scientific paper than a traditional thesis. Students will assimilate and critically evaluate new knowledge within a scientific paradigm and communicate that knowledge to others. Students will also develop skills in managing a scientific research project, writing scientific reports, providing and responding to peer reviews, and making an oral presentation.
Learning Outcomes:	The objectives of this subject are to provide students with skills in: # conducting research in neuroscience; # designing experiments; # taking responsibility for managing a research project; # preparing and giving an oral and written presentation of the results; # expressing intellectual, scientific arguments; # assimilating and critically evaluating existing knowledge within a scientific paradigm.
Assessment:	Literature review of 4,000 words, towards end of first semester of this subject (hurdle); Two 20 minute oral presentations, due towards the end of the second and final semester of this subject (hurdle); A research report of up to 15,000 words, due towards the end of the final semester of this subject (100%).
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:	At the completion of this subject, students should gain skills in: # articulating the breadth of knowledge gained in the discipline area; # critical appraisal of draft documents; # developing the ability to exercise critical judgement; # expressing persuasive intellectual arguments; # high level written report presentations; # managing a research project; # oral communication and presentation; # rigorous and independent thinking; and # time management and self-management skills.
Links to further information:	http://mdhs.unimelb.edu.au/