



Australia's  
Global  
University

Faculty of Medicine  
School of Medical Sciences

# Research Topics in Neurosciences NEUR3211

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Course Outline  
Session 2, 2018

CRICOS Provider Code 00098G

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Please read this manual/outline in conjunction with the following pages on the [School of Medical Sciences website](#):

- [Advice for Students](#)
- [Learning Resources](#)

(or see "STUDENTS" tab at [medicallsciences.med.unsw.edu.au](http://medicallsciences.med.unsw.edu.au) )

## Course Convenor and Co-Convenor

The course convenor is Dr Renée Morris.

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The course co-convenor is A/Prof Pascal Carrive

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## Course Details

- Unit of Credits: 6
- Undergraduate course, Year 3, Session 2
- Prerequisite: ANAT3411 or NEUR 3121 or another equivalent (please contact course Coordinator)
- Time: Thursday 9:00 am to 12:00 pm
- Venue: Matthews Building 227

## Course Aims and Learning Outcomes

The aim of NEUR3211 is to provide third year students a rewarding learning experience that will prepare them for SoMS and/or Neuroscience Honours year and beyond. Blended learning will be used throughout the course to provide the students with a unique opportunity:

- To foster their ability to learn independently
- To develop their critical thinking skills within the course and in real life situations
- To improve their oral and written communication skills
- To develop as reflective scholars
- To foster collegiality while working in a team
- To solve problems within the context of the course and beyond
- To gain awareness of ethics in neuroscience and beyond

## Teaching Strategy

- The course is delivered weekly in a seminar format with single 3-hour sessions. The sessions commence with an informal introduction to the guest lecturers who are experts in their respective field of research (e.g., background, education, interests in neuroscience, etc). These guest lecturers are researchers within the School and its affiliated centres who will contribute with their special expertise to the topics proposed. In these lectures, the students will gain knowledge regarding key concepts in neuroscience.
- A one-hour lecture is then delivered by the guest lecturers.
- In the remaining of the sessions, students will individually present a research paper they will have chosen from a number of papers selected by the guest lecturer of the session. Question time will follow each presentation. There will be 2-4 presentations per session, depending on the number of students in the course. Participation during these sessions is essential (i.e., asking questions and participating to the discussion). Student presentations will be assessed by the lecturer of the day, the course coordinator and/or the course co-convenor and a subgroup of students.
- As a 'signature' component of the course, the students will spend a minimum of 10 hours in one of the host laboratories within SoMS and affiliated research centres. Although the students will not be allowed to be hands on during these laboratory sessions due to Health & Safety issues, they will familiarise themselves with how experiments related to the research theme(s) of the host laboratory are planned and conducted. It is likely that students will team up in groups of 2-3 for this component of the course.
- The outcome of these experiments will be presented by each group of students in the form of a poster summarising the rationale, methods, results, conclusion and significance of the experiments that they observed. The posters will be on display in the last week of the course.

- Students in the different internship groups will individually write a short reflective report (no longer than 1,500 words) on their personal experience stemming from their lab visit.

## Assessment

- |                                   |     |
|-----------------------------------|-----|
| • Oral presentation               | 20% |
| • Poster                          | 20% |
| • Reflective report on internship | 20% |
| • Final theory exam               | 20% |
| • Participation                   | 20% |

## Academic Honesty & Plagiarism

The UNSW standards for academic honesty and plagiarism are defined in the website <https://student.unsw.edu.au/plagiarism>. Briefly, 'UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW staff and students have a responsibility to adhere to this principle of academic integrity. Plagiarism undermines academic integrity and is not tolerated at UNSW. *'Plagiarism at UNSW is defined as using the words or ideas of others and passing them off as your own.'* Essays will be scrutinised for plagiarisms with Turnitin.

## Resources for Students

There is no textbook for this course.