PSYH4461

Advanced Topics in Physiological Psychology

Session 1, Weekday attendance, North Ryde 2020

Department of Psychology

Contents

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General Information

Unit convenor and teaching staff
Convenor
Sarah Baracz
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Jennifer Cornish
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Credit points
10

Prerequisites

Corequisites
PSYH490 or PSHY4490 or PSYH495 or PSYH4495

Co-badged status
PSYM7761

Unit description
The aims of this seminar are to introduce and develop students' understanding and awareness of current topics in contemporary neuroscience. Students will develop the ability to critically evaluate, present and discuss research papers. This seminar series will cover a wide range of topics in the field of neuroscience such as neural stem cell research, transgenic research, neural basis of emotions, anxiety disorders, depression and drug addiction. Essay and presentation topics will be allocated or guided by the students' own interest in neuroscience.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

> **ULO1:** Gain a greater understanding of the physiology and pharmacology of brain function.
>
> **ULO2:** Apply knowledge of brain function to understanding the underpinnings of mental illness, neurodevelopmental disorders and neurodegenerative diseases.
>
> **ULO3:** Critically analyse journal articles on mental illness, neurodevelopmental disorders

and neurodegenerative diseases based on their methodological design, reasoning and data.

ULO4: Clearly and efficiently communicate the reasoning, methodological design, and outcome of a research paper.

Assessment Tasks

Coronavirus (COVID-19) Update

Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.

Students should consult iLearn for revised unit information.

Find out more about the Coronavirus (COVID-19) and potential impacts on staff and students

General Assessment Information

Essay

Topics for the essay will be provided via iLearn on Tuesday 3rd March or students may choose their own topic following approval from the convenors.

Submitting your essay

Please submit a copy or your essay (Microsoft word format only) via the turnitin link in iLearn. Essays will be returned by the end of Week 8.

A copy of the assignment must be kept as proof that the assignment was completed and submitted. Assignments will not be accepted after the return of marked assignments.

Assignments submitted by post will not be accepted.

You will be required to submit your assignment to Turnitin plagiarism detection software via the Internet. Your assignment will be automatically compared to work of other students in this unit, previous students in this unit and at other universities, as well as material available on the Internet in subscription-based journal format or otherwise freely accessible information. The results of the analysis will be sent only to the unit chairs, who will analyse the results in reference to the University's standard policy on plagiarism http://www.student.mq.edu.au/plagiarism/.

Penalties will be levied for late submission of assignment and for exceeding word limits:

Penalties for late submission: The penalty for late submission is 5% of the maximum mark per day overdue. For this assignment, worth 50%, this means that every day late will result in the loss of 5% (0.05) x 50 = 2.5 marks from the total mark (50) for the assignment.

Penalty for exceeding word limit: For each 100 words over the word limit a penalty of 5% will be applied. This means that for this assignment that is worth 50%, a 5% penalty will result in the loss of 5% (0.05) x 50 = 2.5 marks from the total mark (50) for the assignment. This means that

you have 99 words on page 9 before penalty.

Request for Extensions for Assignments are granted by the Faculty Office:

Ordinarily, no extensions of time for submission of written work will be granted since ample time for preparation will have been given. If an extension is required for medical or other extenuating circumstances, students may request this in writing through ask.mq.edu.au with supporting documentary evidence (such as medical certificate, counsellor note, or similar).   Ms Donna Keeley will make all decisions regarding extensions. The course convenor will not grant extensions.

All requests for extensions must be made prior to the due date for the assignment.

If an extension is granted, the approval must be uploaded with the online submission of your essay to avoid any late penalty.

Research Presentation

Given weekly throughout the session (allocation to topic in week 1). You are to individually select a relevant neuroscience article and present your arguments in a 30 minute powerpoint presentation. You will be assessed on oral communication, clarity and presentation of information (rubric available on iLearn). Please email a copy of this paper to sarah.baracz@mq.edu.au prior to your presentation so that it can be made available to other students via iLearn. **All articles must be approved by the course convenor.**

On successful completion you will be able to:

- To gain a greater understanding of the physiology and pharmacology of brain function.
- To apply this knowledge of brain function to understanding the underpinnings of mental illness, neurodevelopmental disorders and neurodegenerative diseases.
- To critically analyse journal articles on mental illness, neurodevelopmental disorders and neurodegenerative diseases based on their methodological design, reasoning and data.
- To clearly and efficiently communicate the reasoning, methodological design, and outcome of a research paper.

Student participation

You are to ask one question during each weekly student presentation based on discussion and/ or article.

On successful completion you will be able to:

- To critically analyse journal articles on mental illness, neurodevelopmental disorders and neurodegenerative diseases based on their methodological design, reasoning and data.

- To clearly and efficiently communicate the reasoning, methodological design, and outcome of a research paper.

Delivery and Resources

Coronavirus (COVID-19) Update

Any references to on-campus delivery below may no longer be relevant due to COVID-19. Please check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

Unit is delivered as a 3 hour workshop each week. Information for the class is available on iLearn.

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy *(**Note:** The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)*

Students seeking more policy resources can visit the Student Policy Gateway (https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/study/getting-started/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- Getting help with your assignment
- Workshops
- StudyWise
- Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy. The policy applies to all who connect to the MQ network including students.

Changes since First Published

Date	Description
22/02/2020	Class delivery time has been changed from 2 hours to 3 hours