COGS1005

Introduction to Neuroscience 2

Session 2, Special circumstance, North Ryde 2020

Department of Cognitive Science

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Disclaimer

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Notice

As part of Phase 3 of our return to campus plan, most units will now run tutorials, seminars and ot her small group learning activities on campus for the second half-year, while keeping an online ver sion available for those students unable to return or those who choose to continue their studies onli ne.

To check the availability of face-to-face and onlin e activities for your unit, please go to timetable vi ewer. To check detailed information on unit asses sments visit your unit's iLearn space or consult yo ur unit convenor.

General Information

Unit convenor and teaching staff

Unit Convenor and Lecturer
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Credit points
10

Prerequisites
COGS1000 or COGS100

Corequisites

Co-badged status

Unit description
This unit forms a 2-unit sequence with COGS1000 and provides an intensive introduction to the fundamentals of modern neuroscience, with a focus on the structure and function of the human brain. Topics include neuroanatomy, neural signalling, sensory processing, neural control of movement, and brain development and evolution. Tutorials include hands-on research activities in which students will have the opportunity to act as both researchers and experimental participants.

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: Explain key terminology and basic principles of neuroscience.

ULO2: Describe the basic structure and function of the central nervous system with an emphasis on the human brain.

ULO3: Understand the core methods employed in neuroscience.

ULO4: Analyse and interpret scientific information and research in neuroscience.

ULO5: Demonstrate and apply basic experimental research skills to test hypotheses in neuroscience.

Assessment Tasks

Name	Weighting	Hurdle	Due
In-Class Lab Activity Sheets	15%	No	Weeks 4,6,10
Mid-Term Exam	25%	No	7 September
Weekly Online Quizzes	10%	No	Weekly
Final Exam	50%	No	Session 2 2020 Examination Period

In-Class Lab Activity Sheets

Assessment Type [1]: Lab report
Indicative Time on Task [2]: 6 hours
Due: **Weeks 4,6,10**
Weighting: **15%**

Short (1-2 page), highly structured lab activity sheets completed in class. 1 activity sheet per lab. Graded on C/NC basis. Students may miss 1 lab activity without penalty.

On successful completion you will be able to:

- Explain key terminology and basic principles of neuroscience.
- Describe the basic structure and function of the central nervous system with an emphasis on the human brain.
- Understand the core methods employed in neuroscience.

- Analyse and interpret scientific information and research in neuroscience.
- Demonstrate and apply basic experimental research skills to test hypotheses in neuroscience.

Mid-Term Exam

Assessment Type [1]: Examination
Indicative Time on Task [2]: 24 hours
Due: **7 September**
Weighting: **25%**

1 hr multiple choice exam, conducted online.

On successful completion you will be able to:

- Explain key terminology and basic principles of neuroscience.
- Describe the basic structure and function of the central nervous system with an emphasis on the human brain.

Weekly Online Quizzes

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 5 hours
Due: **Weekly**
Weighting: **10%**

Short online multiple quizzes covering basic content completed before each class lecture. Designed to provide routine assessment and feedback. Graded on C/NC basis with 50% correct threshold for C. 10 quizzes in total; 10-20 MC questions; no make-up quizzes; students may drop 2 lowest quizzes without penalty.

On successful completion you will be able to:

- Explain key terminology and basic principles of neuroscience.
- Describe the basic structure and function of the central nervous system with an emphasis on the human brain.

Final Exam

Assessment Type [1]: Examination
Indicative Time on Task [2]: 50 hours

Due: **Session 2 2020 Examination Period**
Weighting: **50%**

2 hr exam, conducted during the official exam period. Combination of multiple choice and short answer questions.

On successful completion you will be able to:

- Explain key terminology and basic principles of neuroscience.
- Describe the basic structure and function of the central nervous system with an emphasis on the human brain.
- Understand the core methods employed in neuroscience.
- Analyse and interpret scientific information and research in neuroscience.

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[1] If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the Writing Centre for academic skills support.

[2] Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Delivery of Learning Activities

Lectures: All lectures will be delivered online, starting in Week 1. The officially scheduled lecture time is **Monday 9:00 - 11:00 AM**. Depending on the lecturer, lectures will either be pre-recorded and uploaded through Echo360 prior to the officially scheduled lecture time or the lecture will be live-streamed via Zoom/Echo360 during the officially scheduled time. All lectures, regardless of initial delivery mode, will be recorded and made available for asynchronous viewing through Echo360.

- **Zoom meeting link:** https://macquarie.zoom.us/j/98885581990?pwd=VlhCcDhOVlhWTU12eWkrd0JPbS8xdz09
- **Zoom meeting password:** 225308

Tutorials: To maximise flexibility for COGS1005 students, tutorials will be delivered in both on-campus and online delivery modes. **Tutorials are scheduled for Weeks 2, 3, 5, 8, 9, and 12**. All on-campus tutorials will take place in the **Faculty PC Lab (12SW 421)**. Due to social distancing requirements, you will have to attend the on-campus tutorial you enrolled in through eStudent.

You will not be able to attend another on-campus tutorial class instead. If you have enrolled in an online tutorial, consult iLearn for further details.

Practicals: The practicals are an essential part of COGS1005 and cannot be delivered online. All students are therefore require to come on campus to participate in these practicals. **On-campus practicals are scheduled for Weeks 4, 6, and 10. These sessions will last 2 hours.** Due to social distancing requirements, you must attend the practical you enrolled in through eStudent. You will not be able to attend another practical class instead. In case you are unable to attend a practical class in person due to unavoidable reasons (immunocompromised, illness, etc.), you should apply for Special Consideration through AskMQ. If you have questions about applying for special consideration, please contact the FMHHS Student Centre. Reasonable adjustments will be made for students with approved special consideration.

Textbook

Purves D. et al. (Eds.) (2017) NEUROSCIENCE, 6th edition. Oxford, UK: Oxford University Press.

iLearn

You will need access to the internet to access the unit's iLearn page. Through iLearn you will be able to access the lecture recordings (Echo360), additional readings, and feedback and marks for the assessment tasks. Please allow time to familiarise yourself with how to access iLearn. Further information and helpful guides for using iLearn can be found here.

Weekly online quizzes

This unit has weekly online quizzes designed to keep you on track during the fast-paced semester. Quizzes will be graded either as full credit or no credit; no partial credit will be given. To receive full credit on a quiz, you must correctly answer at least 50% of the multiple-choice questions. If you correctly answer less than 50% of the questions, you will receive no credit for that quiz. No make-up quizzes will be permitted (with the exception of officially approved Special Consideration requests). However, your 2 lowest quizzes will be dropped at the end of the semester.

As indicated above, quizzes must be completed online each week **prior to the officially scheduled lecture time (Monday 9:00 - 11:00 AM)**. Each quiz will be open until **12:00 midnight Sunday night**, the night before the officially scheduled lecture time. Only quizzes completed before this deadline will be counted. These quizzes are open book, and you may take each quiz multiple times before the deadline, but only the first submitted attempt for each quiz will be counted. You will receive feedback as to your correct and incorrect answers at the completion of each quiz. There are no quizzes during the week of the Mid-term Exam (Week 7), the mid-semester break, and the final week of the semester (Week 13).

The quizzes are delivered through iLearn, so you need to have access to a reliable computer with connection to the Internet. Technical difficulties will not be accepted as a reason for special consideration.

To access the online quizzes:

1. Navigate to the appropriate week in iLearn (e.g., Week 2) and click on that week's quiz (e.g., Week 2 Quiz).
2. Read the information provided about what Chapters or page numbers that quiz will cover (it's open book!), and note the date and time the quiz will close.
3. Click "Attempt quiz now" to begin. After answering each multiple-choice question, click "Save and review".
4. Next, ensure you have answered each question (i.e., "Answer saved"). If you have not answered a question (i.e., "Not yet answered"), click "Return to attempt".
5. Once you are satisfied that you have answered every question, click "Submit all and finish". This will submit your quiz for scoring and log your grade.
6. Finally, you can carefully review your feedback to note which questions you did and did not answer correctly. The correct answer for each question will be given.
7. Click "Finish review" to exit. Remember, you can attempt the quiz again by selecting "Re-attempt quiz", but only your first attempt will count towards your grade.

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
25/07/2020	Corrrection to weeks in which tutorials occur.