

PHGY 314
INTEGRATIVE NEUROSCIENCE
Course Schedule - Fall 2018

Lecturers: Dr. Maurice Chacron, Co-coordinator Room 1137, McIntyre Bldg., 514-398-7493, maurice.chacron@mcgill.ca
Dr. Christopher Pack, MNI, Room 896A, 514-398-1254/1913, christopher.pack@mcgill.ca
Dr. Reza Sharif-Naeini, Room 171, Bellini Bldg., 514-398-5361, reza.sharif@mcgill.ca
Dr. Melissa Vollrath, Room 1234, McIntyre Bldg, 514-398-2410, melissa.vollrath@mcgill.ca
Dr. Erik Cook, Room 1225, McIntyre Building, 514-398-7691, erik.cook@mcgill.ca
Dr. Amir Shmuel, MNI, 514-398-2192, amir.shmuel@mcgill.ca
Dr. Mark Brandon, Douglas Hospital Research Center, mark.brandon@mcgill.ca

Location: **ENGMC 304 (McConnell Engineering Bldg., 3480 University Street), M / W / F from 11:35am - 12:25pm**

<i>Date</i>	<i>Day</i>	<i>Lecture Title</i>	<i>Lecture</i>	<i>Lecturer</i>
Sept.05	W	The functional organization of perception and movement chapters 15-16	1	M.C.
07	F	The representation of personal versus extrapersonal space chapters 17-18	2	M.C.
10	M	Learning and Memory: Lessons from Model Organisms chapters 66-67	3	M.C.
12	W	Learning and Memory: Lessons from Model Organisms chapters 66-67	4	M.C.
14	F	Learning and Memory: Lessons from Model Organisms chapters 66-67	5	M.C.
17	M	Learning and Memory: Lessons from Model Organisms chapters 66-67	6	M.C.
19	W	Learning and Memory: Lessons from Model Organisms chapters 66-67	7	M.C.
21	F	Learning and Memory: Lessons from Model Organisms chapters 66-67	8	M.C.
24	M	The Visual System General Overview chapter 25, 26	9	C.P.
26	W	The Visual System chapter 26	10	C.P.
28	F	The Visual System chapter 27	11	C.P.
Oct. 01	M	ELECTION DAY – CLASS CANCELLED		
03	W	The Visual System chapter 27	12	C.P.
05	F	The Visual System chapter 28	13	C.P.
08	M	THANKSGIVING – NO CLASS		
10	W	The Visual System chapter 28	14	C.P.
12	F	Computational Vision	15	C.P.
15	M	Physiological Basis of Cognition chapter 21	16	E.C.
17	W	Physiological Basis of Cognition chapter 29	17	E.C.
19	F	Physiological Basis of Cognition chapter 56	18	E.C.
22	M	Physiological Basis of Cognition chapter 65	19	M.V.
24	W	Physiological Basis of Cognition chapter 60	20	M.V.
26	F	Physiological Basis of Cognition chapters 47-49	21	M.V.
29	M	Physiological Basis of Cognition chapters 47-49	22	M.V.
31	W	Auditory System: Peripheral and Central Processing chapters 30-31	23	M.V.
Nov. 01	TH	Mid-Term Exam from 7:30pm - 9:00pm in Palmer Amphitheatre Room 522 <i>Please see page 2 for details!</i>		
02	F	Auditory System: Peripheral and Central Processing chapters 30-31	24	M.V.
05	M	Auditory System: Peripheral and Central Processing chapters 30-31	25	M.V.
07	W	Auditory System: Peripheral and Central Processing chapters 30-31	26	M.V.
09	F	Spatial learning chapter ?	27	M.B.
12	M	Spatial Learning chapter ?	28	M.B.
14	W	Spatial Learning chapter ?	29	M.B.
16	F	Spatial Learning chapter ?	30	M.B.
19	M	Spatial Learning chapter ?	31	M.B.
21	W	Resting State Networks chapter 20	32	A.S.
23	F	Resting State Networks chapter 20	33	A.S.
26	M	Resting State Networks chapter 20	34	A.S.
28	W	The Somatosensory System chapters 21-24	35	R.S.
30	F	The Somatosensory System chapters 21-24	36	R.S.
Dec. 03	M	The Somatosensory System chapters 21-24	37	R.S.
*04	T	The Somatosensory System chapters 21-24	38	R.S.

Tuesday, December 4th, 2018 follows a "Monday" schedule

EVALUATION

1. MIDTERM EXAMINATION

The midterm is scheduled for **Thursday, November 1, 2018** from 7:30pm - 9:00pm in Room 522 Palmer Amphitheatre. **The exam will cover material up to and including October 29, 2018.** The exam is usually, but not always, multiple choice type questions. Please note that multiple versions of exams will be administered in order to reduce any temptation for copying a more “correct” answer. You will not be permitted to take the actual exam from the exam room. Once the exams have been graded, an **Exam Viewing** will be scheduled.

*If you miss writing the midterm exam, you **MUST BRING** a doctors’ note or other supporting document to the main office, room 1021, McIntyre Building no later than 2 WEEKS after the exam date. If a legitimate note is not provided, you will receive a zero on the midterm.*

2. FINAL EXAMINATION

The Final exam will take place during the exam period. It is usually, but not always, multiple-choice type questions. It will cover the entire course, but more questions will be given for post-midterm material so the course will have been uniformly evaluated over the entire term. You will **NOT** be permitted to take the actual exam from the exam room. Please note that multiple versions of exams will be administered in order to reduce any temptation for copying a more “correct” answer. Once the exams have been graded, an **Exam Viewing** will be scheduled.

*If you miss writing the final exam, you **MUST BRING** a doctors’ note or other supporting document to the main office, room 1021, McIntyre Building no later than 2 WEEKS after the exam date. If a legitimate note is not provided, you will receive a zero on the final.*

MARKING SCHEME

The exams will total 100% of the overall final grade – the midterm will be worth 40% and the final will be worth 60%.

SUPPLEMENTAL AND DEFERRED EXAMS

The Supplemental exam is worth 100% and the deferred exam is worth the same as the final exam. **PLEASE NOTE:** These exams will differ from the Final exam and permission to write them must be obtained from the Associate Dean of Science (please contact Service Point for more information).

TA’s

Mariana Marquez-Machorro: mariana.marquezmachorro@mail.mcgill.ca

Chelsea Kim: bo-ra.kim@mail.mcgill.ca

TA’s OFFICE HOURS

Mariana Marquez Machorro: **Tuesdays from 10:00am to 11:00am, Room 1106 (McIntyre Bldg)**

Chelsea Kim: **Thursdays from 10:00am to 11:00am, Room 1106 (McIntyre Bldg)**

Students can also email to schedule an appointment if you cannot make those times.

COURSE EVALUATIONS

Course Evaluations will be made available in November, 2018 on Minerva.

TEXTBOOK

Kandel, Eric R., et al. Principles of Neural Science, 5/e. New York: McGraw-Hill, 2012

TUTORIAL SERVICE

Tutorial services are available through the Dean of Students (514-398-6011)

McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see <http://www.mcgill.ca/srr/honest> for more information).

Every student has the right to write term papers, examinations, and theses in English or French, except in courses where knowledge of the language is one of the objectives of the course.

In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.

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