

INTEGRATIVE NEUROSCIENCE PHGY 314

Fall 2017 Course Schedule

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: **McMed 522 Monday, Wednesday, and Friday 12:35p.m. - 1:25p.m.**

Date	Day	Lecture Title	Lecture	Lecturer
Sept. 06	W	The functional organization of perception and movement chapters 15-16	1	M.C.
08	F	The representation of personal versus extrapersonal space chapters 17-18	2	M.C.
11	M	Learning and Memory: Lessons from Model Organisms chapters 66-67	3	M.C.
13	W	Learning and Memory: Lessons from Model Organisms chapters 66-67	4	M.C.
15	F	Learning and Memory: Lessons from Model Organisms chapters 66-67	5	M.C.
18	M	Learning and Memory: Lessons from Model Organisms chapters 66-67	6	M.C.
20	W	Learning and Memory: Lessons from Model Organisms chapters 66-67 <i>Assignments posted on myCourses for review only. Sign up begins on Wednesday, September 27 starting at 10am. See page 2 for details</i>	7	M.C.
22	F	Learning and Memory: Lessons from Model Organisms chapters 66-67	8	M.C.
25	M	Learning and Memory: Lessons from Model Organisms chapters 66-67	9	M.C.
27	W	Physiological Basis of Cognition chapter 21 <i>(term paper sign – up 10:00 am)</i>	10	E.C.
29	F	Physiological Basis of Cognition chapter 29	11	E.C.
02	M	Physiological Basis of Cognition chapter 56	12	E.C.
Oct 04	W	Physiological Basis of Cognition chapter 65	13	M.V.
06	F	Physiological Basis of Cognition chapter 60	14	M.V.
09	M	Thanksgiving –no class		
11	W	Physiological Basis of Cognition chapters 47-49	15	M.V.
13	F	Physiological Basis of Cognition chapters 47-49	16	M.V.
16	M	The Visual System General Overview chapter 25, 26	17	C.P.
18	W	The Visual System chapter 26 Lecture in DUFF THTR 1	18	C.P.
20	F	The Visual System chapter 27	19	C.P.
23	M	The Visual System chapter 27	20	C.P.
25	W	The Visual System chapter 28	21	C.P.
27	F	The Visual System chapter 28	22	C.P.
30	M	Computational Vision	23	C.P.
Nov 01	W	Spatial learning chapter ? Lecture in DUFF THTR 1	24	M.B.
Nov 02	TH	Mid-Term Exam from 7:30pm-9:00pm in Palmer Amphitheatre Room 522 <i>Please see page 2 for details</i>		
03	F	Spatial learning chapter ? Lecture in STBIO S1/4	25	M.B.
06	M	Spatial learning chapter ?	26	M.B.
08	W	Spatial learning chapter ?	27	M.B.
10	F	Spatial learning chapter ?	28	M.B.
13	M	Auditory System: Peripheral and Central Processing chapters 30-31	29	M.V.
15	W	Auditory System: Peripheral and Central Processing chapters 30-31	30	M.V.
17	F	Auditory System: Peripheral and Central Processing chapters 30-31	31	M.V.
20	M	Auditory System: Peripheral and Central Processing chapters 30-31	32	M.V.
22	W	Resting State Networks chapter 20	33	A.S.
24	F	Resting State Networks chapter 20	34	A.S.
27	M	Resting State Networks chapter 20	35	A.S.
29	W	The Somatosensory System chapters 21-24	36	R.S.
Dec 01	F	The Somatosensory System chapters 21-24	37	R.S.
04	M	The Somatosensory System chapters 21-24	38	R.S.
06	W	The Somatosensory System chapters 21-24	39	R.S.

Thursday Dec 7th follows a Monday timetable

EVALUATION

1. Mid-term Examination

The midterm is scheduled for **THURSDAY, November 2, 2017** from 7:30pm-9:00pm in room 522 Palmer Amphitheatre. **The exam will cover material up to and including October 30.**

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. Assignment

Students are expected to do a written assignment (individual). Each professor’s assignment (Drs. Cullen, Sharif-Naeini, Pack, Chacron, Vollrath, and Shmuel) will be posted on *myCourses* for your review on **Wednesday, September 20.** Decide on **one** choice and sign up on *myCourses* on **Wednesday, September 27 starting at 11:00am.** (Spaces are limited) **ONLY ONE assignment can be chosen.** (Some professors will have 2 choices of topics –once you have registered for that professor’s assignment you may write for any topic). Sign up instructions will be posted on *myCourses*.

The assignment is due on **Thursday, November 23 by 4:00pm** in the General Office, Room 1021. **There will be a 5% mark deduction, per day, for late submissions (including the weekend).**

3. 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.

MARKING SCHEME

The exams will total 80% of the overall final grade – the mid-term will be worth 32% (0.4x80%) and the final will be worth 48% (0.6x80%). The assignment will then count for 20% of the final grade.

Supplemental and Deferred exams:

The Supplemental exam is worth 80% 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 info.)

TA's

(Gary) Chengjie Huang: chengjie.huang@mail.mcgill.ca
Drs. Pack, Vollrath (Auditory System), Shmuel & Sharif

Mariana Marquez Machorro: mariana.marquezmachorro@mail.mcgill.ca
Drs. Chacron, Cook and Vollrath (Cognition) & Brandon

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

(Gary) Chengjie Huang office hours will be on Thursdays 4pm-5pm in Room 1134 of McIntyre.

Mariana's office hours will be on Mondays 10:30-11:30am in Room 1108 of McIntyre.

COURSE EVALUATIONS

Course Evaluations will be made available in November, 2016 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 (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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