

MAMMALIAN PHYSIOLOGY 2: PHGY 210

LECTURE SCHEDULE 2018

PHGY 210 Sec 001

Time: Monday, Wednesday, and Friday from **9:35 a.m. to 10:25 a.m.**
Sec 001 - Place: McIntyre Medical Bldg., Rm. 522

PHGY 210 Sec 002

Time: Monday, Wednesday and Friday from **12:35 p.m. to 1:25 p.m.**
Sec 002 - Place: Stephen Leacock Bldg., Rm. 132 & 232

Course Coordinator: Dr. M. Vollrath, Rm. 1234, McIntyre Bldg., Tel: 514-398-2410

Month	Monday	Wednesday	Friday	Topic/Professor
January	8	10	12	Endocrinology / Dr. J. White (5)
	15	17		
February			19	Respiration/ Dr. A.M. Lauzon (8)
	22	24	26	
	29	31	2	
	5			
		7	9	
March	12	14	16	Cardiovascular/ Dr. M Guevara (9)
	Class Cancelled	21	23	
	26	28		
			2	
	Study Week Mar. 5 - Mar. 9			
April	12	14	16	Digestion / Dr. M. Vollrath (9)
	19	21	23	
	26	28	Good Friday	
	Easter Monday	4	6	
	9	11	13	
	16			Renal/ Dr. T. Takano, Dr. L Campeau (6)

Important Dates:

- January 8, 2018 -> First class
- Tuesday, February 20, 2018 -> MIDTERM
- March 5 to March 9, 2018 -> STUDY BREAK
- Friday, March 30, 2018 & Monday, April 2, 2018 -> Good Friday & Easter

Midterm Exam: Tuesday, February 20, 2018 from 7:00 p.m. – 8:30 p.m. (30% Midterm, 70% Final).

Location: TBA

Material: Endo, Respiration & Cardio (material covered up to February 16, 2018 inclusive).

Final Exam: During final exam period in April.

MAMMALIAN PHYSIOLOGY 2: PHGY 210

Tutorial Sessions

2018

LECTURER	TOPIC	DAY	DATE	TIME	ROOM
Dr. J. White	Endocrinology	Tuesday	Feb. 6	5:30- 6:30 p.m.	MCMED 504
Dr. A.M. Lauzon	Respiration	Tuesday	Feb. 13	5:30- 6:30 p.m.	MCMED 504
Dr. M. Guevara	Cardiovascular	Monday	Feb. 19	5:30- 6:30 p.m.	MCMED 504
Dr. M. Guevera	Cardiovascular	Thursday	March 1	5:30- 6:30 p.m.	MCMED 522
Dr. M. Vollrath	Digestion	Tuesday	Apr. 10	5:30- 6:30 p.m.	MCMED 504
L. Campeau	Renal	Tuesday	Apr. 17	5:30- 6:30 p.m.	MCMED 504

Please note that no new material will be introduced during the tutorials; these sessions are intended for clarification and reinforcement of the subject matter covered in regular class.

When you are studying, make it a habit to write down difficult points that you do not fully understand. Come to the tutorial prepared to ask questions and to discuss the answers with the individual professors. Students studying in English for the first time are especially encouraged to attend these tutorial sessions.

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 www.mcgill.ca/students/srr/honest/ for more information).

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**PHYSIOLOGY 210
2018**

REQUIRED TEXTBOOK READINGS:

*Vander's Human Physiology: The Mechanisms of Body Function,
13th & 14th edition*

LECTURER	TOPIC	PAGES
Dr. J. White	Endocrinology	Vander's 12th Edition: Chapter 11 – The Endocrine System Chapter 17 – Reproduction (except gonadal development) Chapter 5 – Control Cells by Chemical Messengers
		Vander's 13th Edition: Chapter 11 – The Endocrine System Chapter 17 – Reproduction (except gonadal development) Chapter 5 – Control Cells by Chemical Messengers
Dr. A.M. Lauzon	Respiration	Vander's 12th Edition: Chapter 13 (All)
		Vander's 13th Edition: Chapter 13 (All)
Dr. M. Guevara	Cardiovascular	Vander's 12th Edition: 353-417
		Vander's 13th Edition: 362-428
Dr. M. Vollrath	Digestion	Vander's 12th Edition: Chapter 15 (All)
		Vander's 13th Edition: Chapter 15 (All)
Dr. T. Takano/ L. Campeau	Renal	Vander's 12th Edition: 475-515
		Vander's 13th Edition: 490-532

Please note that the above chapters and pages correspond to ***Vander's Human Physiology: The Mechanisms of Body Function edited by Widmaier, Raff, and Strang (14th edition)***. All students are responsible for reading the above mentioned material, as it may enhance the subjects covered in the lectures and course notes/slides and which may be tested on both the midterm and/or final examinations.

We recommend that you purchase the 14th edition (2016) which is significantly up-to-date. The corresponding pages in the 13th edition (2013) are also included for students who already own this earlier edition (13th); editions prior to the 12th edition are not recommended.

General Information

Physiology is the study of normal functional activities in the living organism. These activities may be examined at the molecular, cellular, organ, organ-system, and organismal levels; the Department's introductory courses will expose the student to the various aspects of the discipline.

The two courses, PHGY 209 (3 credits) and PHGY 210 (3 credits), really constitute a single course, designed as an introduction to Mammalian Physiology for students registered in the Faculty of Science. The normal sequence is 209 (in the Fall) followed by 210 (in the Winter); it is permissible, but more challenging, to take them in the reverse order.

Physiology 209 and 210 are required courses for all Physiology Programs, and are prerequisites for all other courses offered by the Department. They are also required or complementary courses for students registered in other biomedically-related departments in the Faculty of Science (Biology, Cell Biology and Anatomical Sciences, Biochemistry, Microbiology and Immunology, Pharmacology and Therapeutics, Psychology), as well as the professional programs in Nursing, Physical Therapy, Occupational Therapy, and for Kinesiology in the Faculty of Education.

The prerequisites are college (or CEGEP) courses in Biology, Chemistry, and Physics, with Organic Chemistry (CHEM 212 and CHEM 222, or equivalents) as pre-or co-requisites.

Students in all Physiology programs are also required to take the laboratory courses PHGY 212 and PHGY 213; it is recommended that these be taken concurrently with PHGY 209 and 210.

Schedule

During the 2018 academic year, **PHGY 210 Sec 001** lectures will be held in the **McIntyre Bldg., Rm. 522** on **Mondays, Wednesdays and Fridays from 9:35 a.m. – 10:25 a.m.** **PHGY 210 Sec 002** lectures will be held in the **Stephen Leacock Building (855 Sherbrooke Street West) in Room 132 & Room 232** on **Mondays, Wednesdays, and Fridays from 12:35 pm – 1:25 pm.**

Text

The recommended text for the course is **Vander's Human Physiology – The Mechanisms of Body Function**, edited by Widmaier, Raff, and Strang, 13th edition. The textbook is also on reserve at the Life Sciences Library.

Course Evaluation

The **Midterm Examination** is scheduled from **7:00pm to 8:30pm** on **Tuesday, February 20, 2018** at a still to be confirmed location (to be listed on myCourses at a later date). It will cover the following topics: Endo, Respiration & Cardiovascular. **The Final Exam** will be cumulative and will be held during the April examination period. The format of both exams is based on **Multiple Choice Questions**. The Midterm will count for 30%, and the Final for 70% of the total grade.

Students, who for serious reasons (**e.g., illness or family affliction**) cannot write the **MIDTERM EXAM**, are required to submit supporting documentation to the **Physiology General Office, McIntyre Bldg., Room 1021** within **ONE WEEK (by Tuesday, February 27, 2018 at 4:00pm)** following the midterm exam date. The note must indicate clearly the reason for being unable to write the midterm exam on **Tuesday, February 20, 2018**. Following submission of a valid note, students will have the option to write a **"Deferred" exam (scheduled during the week of March 12, 2018)** or have the final exam count for **100%** of their grade. Students must email the course secretary at undergrad1.physiology@mcgill.ca by **Tuesday, February 27, 2018 at 4:00pm** indicating the option chosen. If no documentation is provided by the deadline indicated above, the midterm exam will count for **zero** and the final exam will count for **70%**.

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Grading

The department of Physiology will **NOT** revise/upgrade marks except on sound academic grounds. Once computed, the marks in this course will **NOT** be altered/increased arbitrarily. Decimal points will be “rounded of” as follows: if the final aggregate mark is computed to be 79.5%, the mark will be reported as 80% (an A-); a final aggregate mark of 79.4% will be reported as 79% (a B+). These marks are **FINAL and NON-NEGOTIABLE**.

Library Arrangements

Most of the reading area in the Medical Library is open to students taking Physiology, and they are encouraged to consult the various library holdings.

Course Management

This is a *myCourses* managed course. All course general information and announcements will be posted at <http://www.mcgill.ca/mycourses>. Please visit the site often (requires McGill username and password) to check for updates. As well, information such as grades will be retrievable in a secure confidential fashion at this site.

Learning Aids

To facilitate learning, the visual material presented in class (much of it with animations) will be available on *myCourse* (<http://www.mcgill.ca/mycourses>). If you wish to purchase a printed version of the slides/notes (rather than print on your own), a course pack will be available for purchase from PULS (Physiology Undergraduate League of Students), Rm. 1017 McIntyre Medical Sciences Building at a date to be announced in class. As the visual material is revised each year, students are advised to buy the latest version rather than use notes from previous years.

As well, the lectures and tutorials will be automatically recorded; the recordings may be accessed on the *myCourses* site.

Tutorials

The course lecturers will hold tutorial sessions according to the attached schedule. Verify *myCourses* regularly for possible revisions. In addition, a system of peer undergraduate student course assistants (USCA) consisting of knowledgeable senior students will be available to help facilitate learning by writing practice questions (available on *myCourses*) and monitoring the course discussion board (*myCourses*). The list of USCAs is available in the course pack and will be posted on *myCourses*.

You are also welcome to see lecturers individually in their offices. In this case you must telephone or e-mail the lecturer you wish to see and make an appointment beforehand.

Staff

PHGY 210 Lecturers	Office	Telephone	E-Mail
Dr. M. Guevara	McIntyre – Rm.1018	514-398-4320	michael.guevara@mcgill.ca
Dr. A.M. Lauzon	Meakins-Christie – Block E	514-9341934 ext.76176	anne-marie.lauzon@mcgill.ca
Dr. M. Vollrath	McIntyre – Rm. 1135	514-398-2410	melissa.vollrath@mcgill.ca
Dr. T. Takano	Duff Medical Bldg – Rm. 236	514-398-2171	tomoko.takano@mcgill.ca
Dr. Lysanne Campeau	Jewish General- Rm E-944	514-940-8222 ext.2523	lysanne.campeau@mcgill.ca
Course Secretary:			
Vanessa Brunori	McIntyre Bldg., Rm. 1021	514-398-4315	undergrad1.physiology@mcgill.ca

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