

# BIOL 1789 – Physiology I - Online

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This syllabus contains very important information regarding the course so **please read it carefully**. Contact me at any time with questions.

**Instructor:** Dr. Sarah Rigley MacDonald, PhD

**Contact Information:**

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Office hours: By appointment, online or by phone

**Required Text:**

Vander's Human Physiology by Eric Widmaier 15th Ed including Connect (do NOT purchase the e-book alone)  
ISBN10: 1260231526 | ISBN13: 9781260231526

<https://connect.mheducation.com/class/1789-2021>

**Basic course information:**

**Lecture Materials and Delivery:**

Lecture materials: On Desire2Learn in both PowerPoint and PDF formats

Recorded lectures: Available through YouTube

**Labs:**

Completed through the McGrawHill Connect Virtual Labs

**Course Resources:**

**BrightSpace (Desire2Learn)**

- Lecture materials (Powerpoints, links to YouTube lectures)
- Grades
- Discussion board
- Announcements

**Connect Course** - Registering for Connect is quite straightforward but if you have issues this website will provide you with some help and contact information [McGrawHill Support](#)

- Access the electronic version of the text
- Complete lecture quizzes
- Access recommended homework assessments (LearnSmart)
- Complete laboratory exercises using the Connect Virtual Labs

### **Marking Scheme:**

**Lecture based quizzes (8 \* 1.25% each) 10%**

**Lab reports (10 \* 1.5% each) 15%**

**Midterm closed book exam**

Day and time determined by student 30%

**Cumulative closed book final exam**

Day and time determined by student 45%

• *Note: all quizzes and labs **must be completed prior to writing** the final exam to be counted towards the final grade*

### **Grade Scheme:**

A+ = 90-100, A = 85-89, A- = 80-84, B+ = 75-79, B = 72-74, B- = 69-71, C+ = 65-68, C = 60-64, D = 50-59, F = 0-49

### **Midterm and final exams:**

Please review the "Course Exam Guide" found within D2L for instructions on how to proceed through the exam booking process. This course uses Respondus LockDown Browser and Respondus Monitor to invigilate the exams.

Any exam completed on or after **May 1st, 2022**, will be required to perform the Respondus “**Environmental Check**” during the start-up sequence before the assessment begins.

Environmental scans should provide clear video footage of the entire workspace in which you are taking your exam to ensure that the testing environment is secure.

You are encouraged to pause at critical points of scanning the environment to provide a 360-degree perspective of your workspace.

A thorough environmental scan is typically completed in 30-60 seconds.

Course Outline (Approx. Hours Needed*) Note: This does not include study time			
	Chapters	Topics covered	Lab
Module #1	Ch. 1-3	Homeostasis & Cellular Structure (3hrs)	1. Diffusion 2. Osmosis 3. Eye Structure & Vision 4. Skeletal Ms. 5. Reflexes
Module #2	Ch. 4 & 5	Cellular Function and Control (3hrs)	
Module #3	Ch. 6-8	Nervous System (6hrs)	
Module #4	Ch. 9 & 10	Muscle (3hrs)	
90 minute midterm covering material from Modules 1-4			
Module #5	Ch. 12	Cardiovascular (6hrs)	6. Heart & ECG 7. Respiratory 8. Digestive 9. Endocrine
Module #6	Ch 18 & 13	Immune and Respiratory (3hrs)	
Module #7	Ch. 14 & 15	Renal and Digestive (6hrs)	
Module #8	Ch. 11 & 17	Endocrine and Reproduction (6hrs)	
Cumulative 3 Hour Final Exam			

**\* All dates are based on the *Effective Start Date* as noted on your UNB Online Introductory Letter.**

**\*\* Refund is based on tuition minus any non-refundable fees. The \$100 Online Technology Fee is non-refundable.**

0-5 CREDIT HOUR COURSES	Dropping a course within first 30 days	Withdrawing from a course between day 31- 120	Withdrawing from a course on 121st + day (after 4 mths)
	Dropping a course within the first 30 days from the	Withdrawing from a course between the 31st	Withdrawing from a course on/or after the 121 <sup>st</sup> day from the effective course
ACADEMIC POLICIES	effective course start date*, will result in the course being removed from your academic record.	and 120th day from the effective course start date*, will result in a W grade being applied to your academic record.	start date*, will result in a WF grade being applied to your academic record.
FINANCIAL POLICIES	Courses dropped within the first 10 days from the effective course start date*, will be eligible for a 100% refund of tuition**. Courses dropped between the 11 <sup>th</sup> and 30th day from the effective course start date*, will be eligible for an 80% refund of tuition**	Withdrawing from a course beyond the 30th day from the effective course start date*, will not be eligible for a refund.	Withdrawing from a course on/or after the 121 <sup>st</sup> day from the effective course start date*, will not be eligible for a refund.

## **Academic Integrity**

The University of New Brunswick places a high value on academic integrity and has a policy on plagiarism, cheating and other academic offences.

Plagiarism includes:

1. quoting verbatim or almost verbatim from any source, including all electronic sources, without acknowledgement;
2. adopting someone else's line of thought, argument, arrangement, or supporting evidence without acknowledgement;
3. submitting someone else's work, in whatever form without acknowledgement;
4. knowingly representing as one's own work any idea of another.

Examples of other academic offences include: cheating on exams, tests, assignments or reports; impersonating somebody at a test or exam; obtaining an exam, test or other course materials through theft, collusion, purchase or other improper manner, submitting course work that is identical or substantially similar to work that has been submitted for another course; and more as set out in the academic regulations found in the Undergraduate Calendar. Penalties for plagiarism and other academic offences range from a minimum of F (zero) in the assignment, exam or test to a maximum of suspension or expulsion from the University, plus a notation of the academic offence on the student's transcript.

For more information, please see the Undergraduate Calendar, Section B, Regulation VII.A, or visit <http://nocheating.unb.ca>. It is the student's responsibility to know the regulations.