

Department of Physiology and Pharmacology  
Introduction to Physiology, PHYS 1020 650 FW2020

Course outline for 2020/2021



Although this academic year might be different, Western University is committed to a **thriving campus**. We encourage you to check out the [Digital Student Experience](#) website to manage your academics and well-being. Additionally, the following link provides available resources to support students on and off campus: <https://www.uwo.ca/health/>.

1. Technical Requirements:



Stable internet connection



Laptop or computer



Working microphone



Working webcam

2. Course Overview and Important Dates:



Delivery Mode	Dates and Times
Lectures: Online Asynchronous	ALL
Tutorial: Online Synchronous	Fanshawe: Wednesdays 9-10 AM Fanshawe: Wednesdays 10-11 AM Western: Thursdays 4:30-5:30 PM Western: Thursday 4:30-5:30 PM

\*Details about design and delivery of the course are listed below in Section 4

Classes Start	Reading Weeks	Classes End	Study day(s)	Exam Period
September 9	November 2 - 8	December 9	December 10	December 11 - 22
January 4	February 13 - 21	April 5	April 6 and 7	April 8 - 30

\*November 30, 2020: Last day to drop a full course and full-year half course without penalty

3. Contact Information



Course Coordinator	Contact Information
Dr. Bell	OWL Message on OWL page

Teaching Assistant(s)	Contact Information
Brent Tschirhart	OWL Message on OWL page
Lynn Huong	OWL Message on OWL page
Louie Del Sordo	OWL Message on OWL page
Tarana Siddika	OWL Message on OWL page
Greydon Gilbert	OWL Message on OWL page

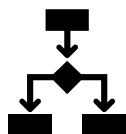
#### 4. Course Description and Design

A survey course outlining the principles of human/mammalian physiology: general properties of the living cell and internal environment; neural, muscle, cardiovascular, respiratory, gastro-intestinal, renal and endocrine system; metabolism, reproduction, and homeostasis.

**Antirequisite(s):** [Physiology 1020](#), [Physiology 1021](#), [Physiology 3120](#).

**Prerequisite(s):** First-year courses in Biology and Chemistry are recommended.

Mode	Dates	Time	Frequency
Lectures: Online asynchronous	N/A	5-7 hours	weekly
Tutorials: Online synchronous	Wednesday* Thursday*	1 hour	weekly



\*If you live in a different time zone which makes attending the tutorial you are assigned difficult, please contact myself and the program directors to be assigned a new tutorial.

- Asynchronous lecture to be completed by the student.
- Closed captioning will be provided on audio or video recordings

All course material will be posted to OWL: <http://owl.uwo.ca>. Any changes will be indicated on the OWL site and discussed with the class.

If students need assistance, they can seek support on the [OWL Help page](#). Alternatively, they can contact the [Western Technology Services Helpdesk](#). They can be contacted by phone at 519-661-3800 or ext. 83800.

[Google Chrome](#) or [Mozilla Firefox](#) are the preferred browsers to optimally use OWL; update your browsers frequently. Students interested in evaluating their internet speed, please click [here](#).

#### 5. Learning Outcomes

Upon successful completion of this course, students will be able to:

- Learn basic facts, concepts, and principles regarding the function of the human body.
- Define physiological processes.
- Integrate information from multiple physiological systems.
- Apply their knowledge to clinical and disease situations.



## 6. Course Content and Schedule

Week	Dates	Module
1	Sept 9 – 13	Module 1-3
2	Sept 14 – 20	Module 4
3	Sept 21 – 27	Module 5
4	Sept 28 – Oct 4	Module 6, first half
5	Oct 5 – 11	Module 6, second half
6	Oct 12 – 18	Module 7, first half
7	Oct 19 – 25	Module 7, second half
8	Oct 26 – Nov 1	Module 8, first half
9	Nov 2 – 8	Reading Week
10	Nov 9 – 15	Module 8, second half
11	Nov 16 – 22	Module 9, first half
12	Nov 23 – 29	Module 9, second half
13	Nov 30 – Dec 6	Module 10, first half
14	Dec 7 – 9	No new material
15	Jan 4 – 10	Module 10, second half
16	Jan 11 – 17	Module 11, first half
17	Jan 18 – 24	Module 11, second half
18	Jan 25 – 31	Module 12
19	Feb 1 – 7	Module 13 first half
20	Feb 8 – 14	Module 13, second half
21	Feb 15 – 21	Reading Week
22	Feb 22 – 28	Module 14, first half
23	Mar 1 – 7	Module 14, second half
24	Mar 8 – 14	Module 15, first half
25	Mar 15 – 21	Module 15, second half
26	Mar 22 – 28	Module 16
27	Mar 29 – Apr 4	No new material
28	Apr 5	No new material



## 7. Online Participation and Engagement



- Students must attend their assigned online synchronous tutorials and participate in the Tutorial quiz.
- Students are encouraged to participate by interacting in the forums with their peers, TAs and instructors

## 8. Evaluations

Below is the evaluation breakdown for the course. Any deviations will be communicated.

Assessment	Format	Weighting	Due Date
Test #1	Multiple-choice	15%	Nov 14: time TBA
Test #2	Multiple-choice	25%	Feb 27: time TBA
Final exam	Multiple-choice	35%	April exam period
Case study #1	Multiple-choice	1.5%	Oct 15
Case study #2	Multiple-choice	1.5%	Nov 12
Case study #3	Multiple-choice	1.5%	Feb 11
Case study #4	Multiple-choice	1.5%	March 18
Quiz #1	Multiple-choice	1.5%	Oct 1
Quiz #2	Multiple-choice	1.5%	Oct 29
Quiz #3	Multiple-choice	1.5%	Dec 3
Quiz #4	Multiple-choice	1.5%	Jan 28
Quiz #5	Multiple-choice	1.5%	Feb 25
Quiz #6	Multiple-choice	1.5%	April 1
Tutorial Quiz**	1 question; various formats	0.5%: To a maximum of 10%	Weekly during the assigned tutorial time.

**\*\*Tutorial quizzes** will occur each week during tutorial time. There are 23 tutorials. Students will be graded on whether they correctly answered the question for the quiz. Each quiz is worth 0.5%; students can obtain a maximum of 10% in the tutorial quizzes. Students must complete 20 tutorial quizzes for the tutorial quizzes to count toward 10% of their grade. No accommodations will be given for missing a tutorial quiz.



- All assignments are due at 11:55 pm EST unless otherwise specified
- Virtual proctoring will be used for Test #1, Test #2, and the Final exam
- After an assessment is returned, students should wait 24 hours to digest feedback before contacting their evaluator; to ensure a timely response, reach out within 7 days

Examinations in this course will be conducted using the remote proctoring service, Proctortrack. By taking this course, you are consenting to the use of this software and acknowledge that you will be required to provide **personal information** (including some biometric data) and the session will be **recorded**. More information about this remote proctoring service is available in the Online Proctoring Guidelines at the following link:

<https://www.uwo.ca/univsec/pdf/onlineproctorguidelines.pdf>.

Completion of this course will require you to have a reliable internet connection and a device that meets the technical requirements for this service. Information about the technical requirements are available at the following link:

<https://www.proctortrack.com/tech-requirements/>.

### Information about late or missed evaluations:

- Missed Tutorial quizzes cannot be made up later or be made up at a different tutorial. Any missed tutorial quiz without a self-reported absence or approved submitted documentation to academic counselling will be given a grade of zero.
- Missed quizzes or case studies without a self-reported absence or approved documentation will be given a grade of zero.

- The weight of missed quizzes or case studies with a self-reported absence will be redistributed to the other quizzes or case studies.
- Missed tests without a self-reported absence or approved documentation will be given a grade of zero.
- Missed tests with a self-reported absence or approved documentation will be allowed to take the midterm. Only one make-up will be offered.
- If a make-up test is missed without a self-reported absence or approved documentation, then the student will receive a zero on the test.
- If a make-up test is missed with a self-reported absence or approved documentation, weight will be transferred to the final exam. This can only occur for ONE midterm. If the student misses both midterms, then the student will receive an INC and complete the task during the 2021-22 Fall/Winter term.

## 9. Communication:

- Students should check the OWL site every 24 – 48 hours
- Students should email their instructor using OWL 'Messages' and teaching assistant(s) using OWL 'Forums' or 'Messages'.
- Messages will be monitored daily; students will receive a response in 24 – 48 hours between Monday-Friday from 8:30 AM- 4:30 PM
- This course will use the OWL forum for discussions
- Students should post all course-related content on the discussion forum so that everyone can access answers to questions
- The discussion forums will be monitored daily by instructors or teaching assistants



## 10. Office Hours:

- Office hours will be held remotely using Zoom-**check course schedule for details.**
- Office hours will be dedicated as appointment only and students will be able to sign up using Sign Up on OWL



## 11. Resources



- All resources will be posted in OWL

## 12. Professionalism & Privacy:

Western students are expected to follow the [Student Code of Conduct](#). Additionally, the following expectations and professional conduct apply to this course:



- Students are expected to follow online etiquette expectations provided on OWL
- All course materials created by the instructor(s) are copyrighted and cannot be sold/shared
- Recordings are not permitted (audio or video) without explicit permission
- Permitted recordings are not to be distributed
- Students will be expected to take an academic integrity pledge before some assessments
- All recorded sessions will remain within the course site or unlisted if streamed

## 13. How to Be Successful in this Class:

Students enrolled in this class should understand the level of autonomy and self-discipline required to be successful.



1. Invest in a planner or application to keep track of your courses. Populate all your deadlines at the start of the term and schedule time at the start of each week to get organized and manage your time.
2. Make it a daily habit to log onto OWL to ensure you have seen everything posted to help you succeed in this class.
3. Follow weekly checklists created on OWL or create your own to help you stay on track.
4. Take notes as you go through the lesson material. Treat this course as you would a face-to-face course. Keeping handwritten notes or even notes on a regular Word document will help you learn more effectively than just reading or watching the videos.
5. Connect with others. Try forming an online study group and try meeting on a weekly basis for study and peer support.
6. Do not be afraid to ask questions. If you are struggling with a topic, check the online discussion boards or contact your instructor(s) and or teaching assistant(s).
7. Reward yourself for successes. It seems easier to motivate ourselves knowing that there is something waiting for us at the end of the task.

## 14. Western Academic Policies and Statements

### Absence from Course Commitments

#### [Policy on Academic Consideration for Student Absences](#)

If you are unable to meet a course requirement due to illness or other serious circumstances, you must seek approval for the absence as soon as possible. Approval can be granted either through a **self-reported absence** or via the **Academic Counselling** unit. Students have two self-reports to use throughout the academic year; absence from course commitments including tests, quizzes, presentations, labs, and assignments that are worth 30% or less can be self-reported. Self-reported absences cover a

student for 48 hours (yesterday + today or today + tomorrow). Your instructor will receive notification of your consideration; however, you should contact your instructor immediately regarding your absence. Students are expected to submit missed work within 24 hours of the end of the 48-hour period. Please review details of the [university's policy on academic consideration for student absences](#).

If you have used both self-reported absences or will miss more than 48 hours of course requirements, a Student Medical Certificate (SMC) should be signed by a licensed medical or mental health practitioner and you should contact academic counselling. Academic Counselling will be operating virtually this year and can be contacted through your home academic counselling offices. You can find the website for your home academic counselling offices in this syllabus under Section 16: Support Services.

There may be situations such as illness, or scheduled class conflicts that may prevent you from writing the exams on their scheduled date. You may be eligible to write a make-up test or make-up final exam. Please note that there will only be one make-up date that will be scheduled. You must contact the course manager immediately to obtain the information of the make-up. If you miss both the scheduled exam and the scheduled make-up exam and have no valid reasons for doing so or have done so without obtaining permission from your academic counselling office, you will obtain a 0% for that missed test or exam performance.

### **Accommodation for Religious Holidays**

The policy on Accommodation for Religious Holidays can be viewed [here](#).

### **15% Assessment Rule**

At least three days prior to the deadline for withdrawal from a course without academic penalty, students will receive assessment of work accounting for at least 15% of their final grade. For more details, refer to the link found [here](#).

### **Special Examinations**

A Special Examination is any examination other than the regular examination, and it may be offered only with the permission of the Dean of the Faculty in which the student is registered, in consultation with the instructor and Department Chair. Permission to write a Special Examination may be given on the basis of compassionate or medical grounds with appropriate supporting documents. To provide an opportunity for students to recover from the circumstances resulting in a Special Examination, the University has implemented Special Examinations dates. These dates as well as other important information about examinations and academic standing can be found [here](#).

### **Academic Offences**

"Scholastic offences are taken seriously, and students are directed [here](#) to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence.

### **Accessibility Statement**

Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Accessible Education (AE) at 661-2111 x 82147 for any specific question regarding an accommodation or review [The policy on Accommodation for Students with Disabilities](#).

Academic accommodation consists of arrangements that allow a student with a disability a fair opportunity to engage in academic activities and fulfill essential course and program requirements. If you require an accommodation or have an accommodation, you must register your accommodation



with Western and with the course. This must be done by ALL students, including students attending the Fanshawe Collaborative Program. All accommodations must be approved by Western and administered through Western for this course.

### **Correspondence Statement**

The centrally administered **e-mail account** provided to students will be considered the individual's official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at his/her official university address is attended to in a timely manner. You can read about the privacy and security of the UWO email accounts [here](#).

### **Turnitin and other similarity review software**

All assignments will be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. Students will be able to view their results before the final submission. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between Western University and [Turnitin.com](#).

## **15. BMSC Academic Policies and Statements**

### **Copyright and Audio/Video Recording Statement**

Course material produced by faculty is copyrighted and to reproduce this material for any purposes other than your own educational use contravenes Canadian Copyright Laws. You must always ask permission to record another individual and you should never share or distribute recordings.

### **Rounding of Marks Statement**

Across the Basic Medical Sciences Undergraduate Education programs, we strive to maintain high standards that reflect the effort that both students and faculty put into the teaching and learning experience during this course. All students will be treated equally and evaluated based only on their actual achievement. **Final grades** on this course, irrespective of the number of decimal places used in marking individual assignments and tests, will be calculated to one decimal place and rounded to the nearest integer, e.g., 74.4 becomes 74, and 74.5 becomes 75. Marks WILL NOT be bumped to the next grade or GPA, e.g. a 79 will NOT be bumped up to an 80, an 84 WILL NOT be bumped up to an 85, etc. The mark attained is the mark you achieved, and the mark assigned; requests for mark "bumping" will be denied.

## **16. Support Services**

The following links provide information about support services at Western University.

[Academic Counselling \(Science and Basic Medical Sciences\)](#)

[Appeal Procedures](#)

[Registrarial Services](#)

[Student Development Services](#)

[Student Health Services](#)