

Physiology and Pharmacology  
 Physiology 1020 - Introduction to Physiology

Course outline for Fall/Winter 2023-2024



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/>.



	7 -25	April 8	April 9-10	April 11 -30
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3. Contact Information

Course Coordinator	Contact Information
Dr. Shelby Oke	OWL messages



Teaching Assistants	Contact Information
Jasleen Grewal	OWL messages
Robert Menzies	OWL messages
Zina Zein Abdin	OWL messages
Ajaya Sharma	OWL messages

#### 4. Course Description and Design

Delivery Mode: blended

This course outlining the principles of human/mammalian physiology: general properties of life and internal environment; neural, muscle, cardiovascular, respiratory, renal and endocrine system; metabolism, reproduction, and homeostasis.

Prerequisite(s): Physiology 1020, Physiology 1021, Physiology 3120. Prerequisite(s): First-year chemistry are recommended.

6. Course Content and Schedule

Week	Dates	Topic
1	Sept 7 ±10	Module 1-3 ±Homeostasis, Body Fluids, Cells
2	Sept 11 ±17	Module 4 ±Nerves
3	Sept 18 ±24	Module 5 ±Muscles
4	Sept 25 ±Oct 1	Module 6 ±first half - EPSPs
5	Oct 2 ±8	Module 6-second half - IPSPs
6	Oct 9 ±15	Module 7- first half ±Sensory, Vision
7	Oct 16 ±22	Module 7- second half ±Sensory, Auditory
8	Oct 23 ±29	Module 8 ±first half ±Cardiac Anatomy
9	Oct 30 ±Nov 5	Reading Week
10	Nov 6 ±12	Module 8- second half ±Cardiac Cycle
11	Nov 13 ±19	Module 9 ±first half - Vasculature
12	Nov 20 ±26	Module 9- second half - Baroreceptors
13	Nov 27 ±Dec 3	Module 10 ±first half ±Respiration
14	Dec 4 ±8	No new material ±Study days

8. Evaluation :

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

Assessment	Format	Weighting	Due Date
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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

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

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

## 16. Support Services

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

Western is committed to reducing incidents of gender-based and sexual violence and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced sexual or gender-based violence (either recently or in the past), you will find information about support services for survivors, including emergency contacts at

[https://www.uwo.ca/health/student\\_support/survivor\\_support/get-help.html](https://www.uwo.ca/health/student_support/survivor_support/get-help.html).

To connect with a case manager or set up an appointment, please contact [support@uwo.ca](mailto:support@uwo.ca).

[Academic Counselling \(Nursing\)](#)

[Grade Appeal Procedures](#)

[Registrar Services](#)

Academic Support & pan <</MCID 16/Lang (en-US)>> BDC q 61.525 258.07 510.73 461.9 re W\* n BT /F3 10