

**Department of Physiology & Pharmacology**  
**Pharmacology 3620**

Course Syllabus for Fall 2024/Winter 2025



Western University is committed to a **thriving campus**; therefore, your health and wellness matter to us! The following link provides information about the resources available on and off campus to support students: <https://www.uwo.ca/health/> Your course coordinator can also **guide you** to resources and/or services should you need them.

**1. Technical Requirements:**



Stable internet connection



Laptop or computer

**2. Important Dates:**



Classes Begin	Reading Week	Classes End	Study day(s)	Exam Period
September 5	October 12–20	December 6	December 7–8	December 9–22

September 30, 2024, is National Day for Truth and Reconciliation and is a non-instructional day  
December 2, 2024: Last day to withdraw from a full course without academic penalty

Classes Resume	Reading Week	Classes End	Study day(s)	Exam Period
January 6	February 15–23	April 4	April 5–6	April 7–30

**3. Contact Information**

Course Coordinators	Contact Information
<b>Dr. Fabiana Crowley</b>	fabiana.crowley@schulich.uwo.ca
<b>Dr. Anita Woods</b>	anita.woods@uwo.ca

Instructor(s) or Teaching Assistant(s)	Contact Information
<b>Dr. Angela Beye</b>	abeye2@uwo.ca
<b>Dr. Flory Muanda</b>	fmuandat@uwo.ca
<b>Dr. Lina Dagnino</b>	ldagnino@uwo.ca
<b>Dr. Oana Birceanu</b>	obircean@uwo.ca
<b>Dr. Rommel Tirona</b>	rommel.tirona@schulich.uwo.ca
<b>Dr. Shelby Oke</b>	soke2@uwo.ca
<b>Amr Mousa (TA)</b>	amousa6@uwo.ca
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## 4. Course Description and Design

**Delivery Mode:** in-person

Pharmacology 3620 is a 1.0 credit course that presents drugs used to treat diseases that affect various systems and organs of the body (e.g., cardiovascular disease, neurological diseases, endocrine disorders etc.). It is a course focused on the fundamental principles of pharmacology and the clinical uses of drugs - i.e., therapeutics. A system-based approach is used to deliver the content, with an emphasis on the molecular targets of drugs, mechanisms of drug action, and adverse effects of drugs on the system or organ.

Topics in Pharmacology 3620 are closely aligned with topics in Physiology 3120 (Human Physiology). Physiology 3120 is highly recommended as a co-requisite, so that you will learn how an organ system works in physiology and then, in Pharmacology 3620, learn about the drugs that can be used to treat the diseases affecting that system.

Prerequisite(s): Biochemistry 2280A, Biology 2382A/B.

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

### Timetabled Sessions

Component	Date(s)	Time
Lecture	Tues/Thurs	12:30-1:20 PM Nat Sci 145

- Asynchronous pre-work must be completed prior to sessions
- A recording will be provided for the lecture-based sessions
- Closed captioning will be provided on audio or video recordings

All course material will be posted to OWL: <https://westernu.brightspace.com/d2l/login>. 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 Brightspace Help](#). Alternatively, they can contact the [Western Technology Services Helpdesk](#). They can be contacted by phone at 519-661-3800 or ext. 83800.

Current versions of all popular browsers (e.g., Safari, Chrome, Edge, Firefox) are supported with OWL Brightspace; what is most important is that you update your browser frequently to ensure it is current. All JavaScript and cookies should be enabled.

## 5. Learning Outcomes

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

- Explain the processes by which drugs are absorbed and distributed within the body, and the ways in which the body alters the fate of administered drugs.
- Explain the processes by which drugs can interact with their target sites to produce a biological effect.
- List the major classes of drugs used to treat a range of pathological conditions, explaining their mechanism(s) of action at their respective target sites.

- Compare and contrast the different classes of drugs with respect to their key pharmacological properties, benefits and potential adverse effects.

## 6. Course Content and Schedule

Week	Date	Lecturer	Topic
Week 1	Sept. 5 <sup>th</sup>	Crowley/ Woods/Tirona	Intro to the course/Introduction to Pharmacokinetics
Week 2	Sept. 10 <sup>th</sup>	Tirona	Drug Absorption and Distribution
	Sept. 12 <sup>th</sup>	Tirona	Drug Elimination and Dosage Regimens
Week 3	Sept. 17 <sup>th</sup>	Tirona	Drug Metabolism
	Sept. 19 <sup>th</sup>	Tirona	Drug Transporters
Week 4	Sept. 24 <sup>th</sup>	Crowley	Routes of Administration
	Sept. 26 <sup>th</sup>	Muanda	Principles of clinical trials and drug safety
Week 5	Oct. 1 <sup>st</sup>	Crowley	Pharmacodynamics I
	Oct. 3 <sup>rd</sup>	Crowley	Pharmacodynamics II
Week 6	Oct. 8 <sup>th</sup>	Muanda	Pharmacogenetics I
	Oct. 10 <sup>th</sup>	Muanda	Pharmacogenetics II
Week 7	Oct. 12 <sup>th</sup> – 20 <sup>th</sup>	<b>READING WEEK</b>	
Week 8	Oct. 22 <sup>th</sup>	Dagnino	Introduction to Neoplastic Disease
	Oct. 24 <sup>th</sup>	Dagnino	Cancer therapy I
Week 9	Oct. 29 <sup>th</sup>	Dagnino	Cancer therapy II
	Oct. 31 <sup>st</sup>	Dagnino	Cancer therapy III
Week 10	Nov. 5 <sup>th</sup>	Dagnino	Antimicrobials
	Nov. 7 <sup>th</sup>	Dagnino	Antivirals
Week 11	Nov. 12 <sup>th</sup>	Tirona	The pharmacological basis of Drug-Drug Interactions
	Nov. 14 <sup>th</sup>	Crowley	Introduction to Neuropharmacology
Week 12	Nov. 19 <sup>th</sup>	Crowley	Drugs used to treat Depression
	Nov. 19 <sup>th</sup>	<b>Assignment due</b>	<b>Authoring PeerWise #1 questions</b>
	Nov. 21 <sup>st</sup>	Crowley	Drugs used to treat Anxiety
	Nov. 21 <sup>st</sup>	<b>Assignment due</b>	<b>Answering PeerWise #1 questions</b>
	Asynchronous	Crowley	Drugs used to treat Psychosis & Mania <b>Asynchronous module</b>
Week 13	Nov. 26 <sup>th</sup>	<b>Crowley</b>	<b>In class Neuropharmacology Case-Based learning #1 assignment</b>
	Nov. 28 <sup>th</sup>	Crowley	Drugs used to treat Epilepsy
	Nov. 29 <sup>th</sup>	<b>Assignment</b>	<b>ONLINE QUIZ #1</b>
Week 14	Dec. 3 <sup>rd</sup>	Birceanu	Introduction to pharmacology of Cannabinoids
	Dec. 5 <sup>th</sup>	Birceanu	Drugs used to treat pain - Opioids
	Dec. 20 <sup>th</sup>	<b>Assignment (optional)</b>	<b>SAW MODULE FIRST COMPONENTS DUE</b>
Week 15	Jan. 7 <sup>th</sup>	Beye	Drugs used to treat pain - NSAIDs
	Jan. 9 <sup>th</sup>	asynchronous	Drugs of abuse I <b>Asynchronous module</b>
Week 16	Jan. 14 <sup>th</sup>	Chris Auger	Drugs of abuse II

	Jan. 16 <sup>th</sup>	Birceanu	Introduction to pharmacology of the Autonomic and Somatic Nervous Systems
Week 17	Jan. 21 <sup>st</sup>	Birceanu	Clinical uses of Cholinergic drugs <b>Asynchronous module</b>
	Jan. 23 <sup>rd</sup>	Beye	Introduction to Adrenergic Pharmacology
Week 18	Jan. 28 <sup>th</sup>	Beye	Clinical uses of Adrenergic drugs
	Jan. 30 <sup>th</sup>	Oke	Introduction to Cardiovascular pharmacology
Week 19	Feb. 4 <sup>th</sup>	Oke	Drugs used to treat Hypertension
	Feb. 6 <sup>th</sup>	Oke	Drugs to treat Myocardial Infarction
Week 20	Feb. 11 <sup>th</sup>	Muanda	Drugs to treat Heart Failure
	Feb. 13 <sup>th</sup>	Muanda	Drugs used to treat Arrhythmias & Angina
Week 21	Feb. 15 <sup>th</sup> – 22 <sup>nd</sup>	<b>Spring Reading Week</b>	
Week 22	Feb. 25 <sup>th</sup>	Beye	Drugs used to treat Asthma
	Feb. 27 <sup>th</sup>	Beye	Drugs used to treat COPD
Week 23	Mar. 4 <sup>th</sup>	Oke	Introduction to Endocrine Pharmacology
	Mar. 6 <sup>th</sup>	Oke	Drugs used in Inflammatory Diseases and Osteoporosis
Week 24	Mar. 11 <sup>th</sup>	Oke	Drugs used in Thyroid Disease
	Mar. 13 <sup>th</sup>	Oke	Drugs used in Type 1 Diabetes Mellitus
	Asynchronous	Oke	Drugs used in Type 2 Diabetes Mellitus <b>Asynchronous module</b>
Week 25	Mar. 18 <sup>th</sup>	Oke	<b>In class Endocrine Pharmacology Case-based learning #2 assignment</b>
	Mar. 18 <sup>th</sup>	Assignment due	<b>Authoring PeerWise #2 questions</b>
	Mar. 20 <sup>th</sup>	Oke	Drugs used to treat Obesity and Hyperlipidemia
	Mar. 20 <sup>st</sup>	Assignment due	<b>Answering PeerWise #2 questions</b>
Week 26	Mar. 25 <sup>th</sup>	Oke	Drugs used to treat Hyperlipidemia
	Mar. 27 <sup>th</sup>	Oke	Drugs used to control Fertility
	Mar. 29 <sup>th</sup>	Assignment	<b>ONLINE QUIZ #2</b>
Week 27	Apr. 1 <sup>st</sup>	Crowley	Drugs used to treat Nausea and Vomiting
	Apr. 3 <sup>rd</sup>	Crowley	Drugs used to treat Gastric Esophageal Reflux Disorder
	Apr. 4 <sup>th</sup>	Assignment due	<b>CHOOSE YOUR OWN PHARMACOLOGY ADVENTURE</b>
	Apr. 4 <sup>th</sup>	Assignment due (optional)	<b>COMPLETE ALL COMPONENTS OF THE SAW MODULE</b>

## 7. Participation and Engagement

- Students are expected to participate and engage with content as much as possible
- Students can participate during lecture or post on the OWL Brightspace Discussions after lecture
- Students can also participate by interacting in Brightspace Discussions with their peers and instructors

## 8. Assessment and Evaluation

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

<b>Assessment</b>	<b>Format</b>	<b>Weighting</b>	<b>Due Date</b>	<b>Flexibility</b>
PeerWise Assignment #1	Write 2 multiple-choice questions, answer 10 questions and provide feedback on 2 questions written by your peers	2%	<b>Author:</b> Tues, Nov. 19 <sup>th</sup> by 11:59 PM <b>Answer and provide feedback:</b> Thurs, Nov. 21 <sup>st</sup> by 11:59 PM	Reweight to Midterm
Case-based assignment #1*	Multiple choice and short answer questions based on the content from the asynchronous module	3%	Tuesday, Nov. 26 <sup>th</sup> , <b>in-class</b> at 12:30 PM	Can use undocumented absence
Online Quiz #1	Online via Brightspace ( <i>questions taken from PeerWise Assignment 1 and from faculty</i> )	4%	Opens Thurs, Nov. 28 <sup>th</sup> at Noon until Fri, Nov. 29 <sup>th</sup> at 5 PM	Reweight to Midterm
Midterm #1	Multiple Choice & Short Answer (in person)	32%	During the exam period: December 9 <sup>th</sup> – 22 <sup>nd</sup> Scheduled by Registrar 2 hours	Not applicable
Optional Bonus Assignment part I	Complete the first components of the SAW (skills, attitudes and wellness) module		Saturday, November 30 <sup>th</sup> by 11:59 PM	Optional completion
Case-based assignment #2*	Multiple choice and short answer questions based on the content from the asynchronous module	3%	Tuesday, Mar. 18 <sup>th</sup> , <b>in-class</b> at 12:30 PM	Can use undocumented absence
PeerWise Assignment #2	Write 2 multiple-choice questions, answer 10 questions and provide feedback on 2 questions	2%	<b>Author:</b> Tues, Mar. 18 <sup>th</sup> by 11:59 PM <b>Answer and provide feedback:</b> Thurs, March 20 <sup>th</sup> by 11:59 PM	Reweight to Final exam
Online Quiz #2	Online via Brightspace ( <i>questions taken from PeerWise Assignment 2 and from faculty</i> )	4%	Opens Thurs, Mar. 28 <sup>th</sup> at Noon until Fri, Mar. 29 <sup>th</sup> at 5 PM	Reweight to Final exam
Choose your own pharmacology adventure**	Online via Brightspace	5%	Friday, April 4 <sup>th</sup> by 11:59 PM	Accepted until April 7 <sup>th</sup> by 11:59 PM
Optional Bonus Assignment part II	Complete the remaining components of the SAW (skills, attitudes and wellness) module	+1%	Due April 4 <sup>th</sup> by 11:59 PM	Optional completion
Final Exam	Multiple Choice & Short Answer (cumulative) (in person)	45%	During the Final Exam Period: April 10 <sup>th</sup> – 30 <sup>th</sup> Scheduled by Registrar 3 hours	Not applicable

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For detailed instructions in all the assignments, please refer to the Assessments Overview page on OWL Brightspace.

\*the case-based assignments are in-class, group assignments with mandatory completion. The value of the two case-based assignments will not be **automatically** reweighted to the next exam. If a student needs to miss this assignment, they can apply for **academic consideration without supporting documentation**. Upon successful submission of request for Academic Consideration, the value of this assignment will then be reweighted to the next exam. Failure in completing this assignment in-class without submitting a request for academic consideration will result in a grade of zero on this assignment.

\*\*the Choose your own adventure assignment can be submitted any time from the beginning of this course until April 4<sup>th</sup> 2025 (accepted until April 7<sup>th</sup> by 11:59 PM). Given the flexible deadline, no reweight or make-up options will be provided. Failure to complete this assignment will result in a grade of zero on this assignment.

**Designated Assessment:** For this course, the following assessment has been designated as requiring supporting documentation:

- Midterm
- Final Exam

### Information about flexibility in assessment

- Flexibility in assessment has been applied to this course; therefore, academic consideration requests may be denied on the assessments where flexibility is included
- The value of any missed quiz and PeerWise Assignments will be automatically reweighted to the next exam that the material is covered.
- While the date of the in-class case-based assignments is not flexible, students can use their undocumented absence to miss this assignment.

### General information about assessments

- All assignments are due at **11:59 PM EST** unless otherwise specified.
- Quizzes are due at **5 PM**.
- PeerWise assignments will be completed on <https://peerwise.cs.auckland.ac.nz>
- PeerWise assignments will be reviewed by Dr. Woods and Dr. Crowley for originality checks to ensure questions were authored by each student and not shared or taken from internet resources or previous exams. Any sharing of questions between students or taking questions from other resources will be granted a grade of zero on that assignment. Please see instructions regarding the use of generative AI on the Assessment page on OWL Brightspace.
- Students are responsible for ensuring that the correct file version is uploaded; incorrect submissions including corrupt files could be subject to late penalties (see below) or a grade of 0.
- Written assignments will be submitted to Turnitin (statement in policies below).
- After an assessment is returned, students should wait 24 hours to digest feedback before contacting their course managers to ensure a timely response, reach out within 7 days
- Any grade appeals on assignments, quizzes, or midterms must be received within 3 weeks of the grade being posted

Click [here](#) for a detailed and comprehensive set of policies and regulations concerning examinations and grading. The table below outlines the University-wide grade descriptors.

A+	90-100	One could scarcely expect better from a student at this level
A	80-89	Superior work which is clearly above average

B	70-79	Good work, meeting all requirements, and eminently satisfactory
C	60-69	Competent work, meeting requirements
D	50-59	Fair work, minimally acceptable
F	below 50	Fail

### Information about late or missed assessments:

- There are **no makeup PeerWise** assignments. The weight of the missed assignment will automatically be reallocated to the next exam. No documentation for a missed assignment needs to be submitted.
- There are no makeup **quizzes**. The weight of the missed quiz will automatically be reallocated to the next exam. No documentation for a missed quiz needs to be submitted.
- There are no makeup **case-based assignments**. The weight of the missed assignment will be reallocated to the next exam upon proper submission of academic consideration request.
- There is no makeup **Choose your own adventure assignment**. Failure in completing this assignment will result in a grade of zero on this assessment.
- A **make-up exam** will be offered to students who have received academic accommodations as follows:
  - The makeup Midterm exam will be scheduled by the department in January 2025.
  - The makeup Final exam will be scheduled by the department in May 2025.
  - All of these dates are tentative and subject to change.*
  - Only one makeup is offered for each exam.** If a student's documentation covers an absence for both the regular exam and makeup exam, the weight of that exam will be added to the final exam in the course.
- Any exams, or makeup exams that are missed without documentation approved by academic counselling will receive a grade of 0 on that evaluation.
- The midterm must be written to be permitted to write the final exam in the course. Failure to write the midterm will result in a status of INC and the student will be allowed to complete it next time the course is offered.**

**INC (Incomplete Standing):** If a student has been approved by the Academic Advising Office (in consultation with the instructor/department) to complete term work at a later date, an INC will be assigned. Students with INC will have their course load in subsequent terms reduced to allow them to complete outstanding course work. Students may request permission from Academic Advising to carry a full course load for the term the incomplete course work is scheduled.

**SPC (Special examination):** If a student has been approved by the Academic Advising Office to write a Special Examination and the final exam is the only outstanding course component, an SPC will be assigned. If the class has a makeup exam, the student is expected to write the makeup exam. If the class doesn't have a makeup exam or the student misses the makeup exam for reasons approved by the Academic Advising Office, the student will write the exam the next time the course is offered. Outstanding SPCs will reduce the course load for the term the exam is deferred as outlined in [Types of Examinations](#) policy.

## 9. Communication

- Students should check the OWL Brightspace site and their emails every 24–48 hours
- For content related questions or concerns, students should use the discussions area on OWL Brightspace
- For course related questions or concerns, students should contact the course coordinators via email, **copying both coordinators** in all communications
- If needed, students should contact their teaching assistant(s) using email
- Emails will be monitored daily; students will receive a response in 24–48 hours

- Students should post all course-related queries on the discussions area in OWL Brightspace so that everyone can access the questions and responses

## 10. Office Hours

- Office hours scheduling and signup for instructors will be posted on OWL Brightspace

## 11. Resources

- See course resources tab on OWL Brightspace for instructor created resources
- No textbook is required

## 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:

- All course materials created by the instructor(s) are copyrighted and cannot be sold/shared (e.g., Must Knows Facebook group, Course Hero, Chegg, etc.)
- 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

Western is committed to providing a learning and working environment that is free of harassment and discrimination. All **students**, staff, and faculty have a role in this commitment and have a responsibility to ensure and promote a safe and respectful learning and working environment. Relevant policies include Western's [Non-Discrimination/Harassment Policy \(M.A.P.P. 1.35\)](#) and [Non-Discrimination/Harassment Policy – Administrative Procedures \(M.A.P.P. 1.35\)](#). Any **student**, staff, or faculty member who experiences or witnesses' behaviour that may be harassment or discrimination **must report the behaviour** to the Western's [Human Rights Office](#). Harassment and discrimination can be human rights-based, which is also known as EDI-based, (sexism, racism, transphobia, homophobia, islamophobia, xenophobia, antisemitism, and ableism) or non-human rights-based (personal harassment or workplace harassment).

## 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 your time throughout the course.
2. Make it a daily habit to log onto OWL Brightspace to ensure you have seen everything posted to help you succeed in this class.
3. Follow checklists created on OWL Brightspace or create your own to help you stay on track.
4. Take notes as you go through the lesson material. 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

### A. Absence from Course Commitments

Students must familiarize themselves with the Policy on [Academic Consideration – Undergraduate Students in First Entry Programs](#)

Students missing course work for medical, compassionate, or extenuating circumstances can request academic consideration by completing a request at the [central academic consideration portal](#). Students are permitted one academic consideration request per course per term **without** supporting documentation. Note that supporting documentation is **always** required for academic consideration requests for examinations scheduled by the office of the registrar (e.g., December and April exams) and for practical laboratory and performance tests (typically scheduled during the last week of the term).

Students should also note that the instructor may **designate** one assessment per course per term that requires supporting documentation. This designated assessment is described elsewhere in this document. Academic consideration requests may be denied when flexibility in assessment has already been included. Examples of flexibility in assessment include when there are assessments not required for calculation of the final grade (e.g. 8 out of 10 quizzes) or there is flexibility in the submission timeframe (e.g. 72 hour no late penalty period).

Please note that any academic considerations granted in this course will be determined by the instructor of this course, in consultation with the academic advisors in your Faculty of Registration, in accordance with information presented in this course syllabus. Supporting documentation for academic considerations for absences due to illness should use the [Student Medical Certificate](#) or, where that is not possible, equivalent documentation by a health care practitioner.

#### Accommodation for Religious Holidays

Students should review the policy for [Accommodation for Religious Holidays](#). Where a student will be unable to write examinations and term tests due to a conflicting religious holiday, they should inform their instructors as soon as possible but not later than two weeks prior to writing the examination/term test. In the case of conflict with a midterm test, students should inform their instructor as soon as possible but not later than one week prior to the midterm.

#### 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](#).

### B. Academic Offenses

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

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

### **C. 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](#)

### **D. 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](#).

### **E. Discovery Credit Statement**

Students are permitted to designate up to 1.0 Discovery Credit course (or equivalent) for pass/fail grading that can be counted toward the overall course credits required for their degree program. The details of this policy and the deadlines can be found [here](#).

### **F. 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. BMSUE Academic Policies and Statements**

### **Cell Phone and Electronic Device Policy (for in-person tests and exams)**

The Schulich School of Medicine & Dentistry is committed to ensuring that testing and evaluation are undertaken fairly across all our departments and programs. For all tests and exams, it is the policy of the School that any electronic devices, e.g., cell phones, tablets, cameras, smart glasses, smart watch or iPod are strictly prohibited. These devices **MUST** be left either at home or with the student's bag/jacket at the front of the room and **MUST NOT** be at the test/exam desk or in the individual's pocket. Any student found with one of these prohibited devices will receive a grade of zero on the test or exam. Non-programmable calculators are only allowed when indicated by the instructor. The program is not responsible for stolen/lost or broken devices.

### **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., 74.45 becomes 74, and 74.50 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.

### **Statement on the use of Generative Artificial Intelligence (AI) Platforms**

Within this course, students are permitted to use AI tools exclusively for information gathering and preliminary research purposes. These tools are intended to enhance the learning experience by providing access to diverse information sources. However, it is essential that students critically evaluate the obtained information, exercise independent thinking, and engage in original research to synthesize and develop their own ideas, arguments, and perspectives. The use of AI tools can serve as a starting point for exploration, creation of questions for the PeerWise assignments, with students expected to uphold academic integrity by appropriately attributing all sources and avoiding plagiarism. Assignments should reflect the students' own thoughts and independent written work. By adhering to these guidelines, students contribute to a responsible and ethical learning environment that promotes critical thinking, independent inquiry and allows them to produce original written contributions.

## **16. Support Services**

- Students who are in emotional/mental distress should refer to Mental Health @Western Health <https://www.uwo.ca/health/> for a complete list of options about how to obtain help.
- To connect with a case manager or set up an appointment, please contact [support@uwo.ca](mailto:support@uwo.ca).
- Other important links:
  - [Academic Advising \(Science and Basic Medical Sciences\)](#)
  - [Appeal Procedures](#)
  - [Registrarial Services](#)
  - [Student Development Services](#)
  - [Student Health Services](#)

### **Statement on Gender-Based and Sexual Violence**

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).