

Department of Anatomy and Cell Biology
ANAT 2200A Systemic Human Anatomy

Course Outline for Fall 2025

This course takes place at Western University, which is located on the traditional territories of the Anishinaabek, Haudenosaunee, Lūnaapéewak, and Chonnonton Nations, on lands connected with the London Township and Sombra Treaties of 1796 and the Dish with One Spoon Covenant Wampum.

Students who are in emotional and/or mental distress should refer to <https://www.uwo.ca/health/> for a complete list of options about how to obtain help.

1. Technical Requirements:

Stable internet connection



Laptop or computer

2. Important Dates:

Classes Begin	Reading Week	Classes End	Study day(s)	Exam Period
September 4	November 3–9	December 9	December 10	December 11–22

September 30, 2025: National Day for Truth and Reconciliation; non-instructional day

September 12, 2025: Last day to add or drop a Fall 12-week course

December 1, 2025: Last day to withdraw from a Fall 12-week course without academic penalty

3. Contact Information

4. Course Description and Design

Delivery Mode: This course uses in-person lectures which are recorded. All labs are in-person.

An introduction to the gross anatomical structures and functional connections of the core systems in the human body, including the musculoskeletal, circulatory, respiratory, gastrointestinal, urinary, and reproductive systems. Demonstrations reinforce and extend the lectures.

Extra Information: 2 lecture hours, 1 Lab/demonstration hour. This is not a laboratory course.

Antirequisite(s): [Anatomy and Cell Biology 2221](#), [Health Sciences 2300A/B](#), [Health Sciences 2330A/B](#), [Health Sciences 3300A/B](#), [Kinesiology 2222A/B](#), [Kinesiology 3222A/B](#), the former Anatomy and Cell Biology 3319.

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

- ☒ Asynchronous pre-work must be completed [days] prior to sessions
- ☒ Attendance at sessions is required
- ☒ Missed work should be completed within [X hours]
- ☒ A recording will be provided of the lectures via Panopto
- ☒ Closed captioning will be provided through Panopto on Lecture recordings

All course material will be posted to OWL Brightspace: <https://westernu.brightspace.com/d2l/login>. Any changes will be indicated on the OWL Brightspace 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:

- Identify the major structures and general function of the body systems.
- Explain the functional mechanisms behind the anatomy and each part's role in maintaining homeostasis.
- Apply your understanding of the anatomy to predict and/or rationalize symptoms of provided clinical cases.
- Integrate anatomical knowledge gained in this course into lifelong habits that promote personal health and well-being

6. Course Content and Schedule

Lectures:

; Lectures will be in-person, and recorded using Panopto virtual classroom software. Students may choose to attend in-person, or use the recording at a later time.

Laboratory Demonstrations:

Students are expected to come prepared to the demonstrations having reviewed the Lab Outline and viewed pre-lab video. Attendance at demonstration sessions is expected.

Laboratory videos have been created using human cadaveric material. This course is privileged to be able to provide human cadaveric specimens for student learning. These specimens have been donated by individuals through [Western's Body Bequeathal Program](#) and hence, we expect the utmost of respect for them by our students. **Photographing the specimens or sharing videos for use outside of this course is strictly prohibited.** Several resources have been suggested to allow students to review cadaveric specimen images outside of the lab.

Lab Demonstrations

Week #			Term 1 Lab Topics
W1		Sept 5	No lab
W2	Lab 1	Sept 12	Terminology and Overview of Body Systems
W3	Lab 2	Sept 19	Upper Limb – Shoulder & Arm
W4	Lab 3	Sept 26	Upper Limb – Forearm & Hand
W5	Lab 4	Oct 3	Lower Limb - Thigh
W6	Lab 5	Oct 10	Lower Limb - Leg
W7	Lab 6	Oct 17	Heart and Circulation
W8	Lab 6.5	Oct 25	Systemic circulation/Practice Lab Assessment
Term 2 Lab Topics			
W9	Lab 7	Oct 31	Respiratory System
		Nov 7	Fall Reading Week – No Lab
W10	Lab 8	Nov 14	Upper Digestive System
W11	Lab 9	Nov 21	Lower Digestive System and Accessory Organs
W12	Lab 10	Nov 28	Retroperitoneum
W13		Dec 5	Lab Exam

Lectures

Week #	Dates	Term 1 Topics
W1		
	Thurs Sept 4	L1 – Systemic Anatomy Overview
W2	Tues Sept 9	L2 - Nervous System Part I – Somatic
	Thurs Sept 11	L3 - Shoulder
W3	Tues Sept 16	L4 - Arm
	Thurs Sept 18	L5 – Forearm
W4	Tues Sept 23	L6 – Hand
	Thurs Sept 25	L7 - Anterior & Medial Thigh
W5	Tues Sept 30	L8 - Posterior Thigh & Gluteal – No In-person class
	Thurs Oct 2	L9 - Leg
W6	Tues Oct 7	L10 - Joints
	Thurs Oct 9	L11 - Autonomic Nervous System
	Tues Oct 14	L12 - Heart
	Thurs Oct 16	L13 – Coronary and Pulmonary Circulation
W7	Tues Oct 22	L14 – Systemic Circulation
	Thurs Oct 23	L15 - Nasal Cavity, Pharynx & Larynx
		Term 2 Topics
W8	Tues Oct 28	L16 – Trachea, Bronchial Tree & Lungs
	Thurs Oct 30	L17 - Digestive System I
	Tues Nov 4	No Class – Fall Reading Week
	Thurs Nov 6	No Class – Fall Reading Week
W9	Tues Nov 11	L18 - Digestive System II
	Thurs Nov 13	L19 - Digestive System III
W10	Tues Nov 18	L20 - Digestive System IV
	Thurs Nov 20	L21 - Urinary System
W11	Tues Nov 25	L22 - Introduction to Pelvic Anatomy
	Thurs Nov 27	L23 – Male Pelvic Anatomy
W12	Tues Dec 2	L24 - Female Pelvic Anatomy
	Thurs Dec 4	Review
W13		

7. Participation and Engagement

- ☒ Asynchronous pre-work must be completed prior to lab sessions
- ☒ Attendance at laboratories is required
- ☒ A recording of lectures will be provided via Panopto
- ☒ Closed captioning will be provided through Panopto on Lecture recordings

8. Assessment and Evaluation

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

Component	Format	Weight	Date
Term 1 Exam	In-person	25%	Fri Oct 24 7:00-9:00pm
Term 2 Exam	In-person	25%	TBD - Dec Exam Period
Lab Assessment	In-person	25%	Dec 5 During lab time
Lab Assignments (10)	Online	20%	Weekly
Quizzes (10/12)	Online	5%	Weekly

Designated Assessment: Instructors are permitted to designate one assessment per course per term as requiring supporting documentation to receive academic consideration. See below for information on academic consideration policy and missed course work. For this course the following assessment has been designated as requiring supporting documentation:

- Term 1 Exam: Friday October 24, 2025
- **Written Exams:** The written exams will be in the multiple choice format which will be graded using the Gradescope system and may be examined by computer software to detect unusual coincidences in answer patterns that may indicate cheating. Make up exams may be a combination of multiple choice questions and short answer questions. Please review the UWO policy on Scholastic Offences. If you are unable to write the scheduled exam, please see Section 14 the policy and procedures for “Absence from Course Commitments” and “Special Examinations”. There is only 1 make up exam offered unless you have an approved direct conflict the date and time of the makeup. The Midterm Make up exam is scheduled for Thurs Oct 30 530-730pm. If you have an approved absence for the makeup exam, the next opportunity to write a makeup exam is the next academic year. Exams are not re-weighted in this course.
- The **Lab Assessment** will be in a “bell-ringer” format. This assessment will be during the regularly scheduled lab time. Students will have 1 min per question with scheduled rest breaks. More information will be released closer to the exam date. Please review the UWO policy on Scholastic Offences. If you are unable to write the scheduled exam, please see the Section 14 for the policy and procedures for “Absence from Course Commitments” and “Special Examinations”. Lab Assessments are not re-weighted in this course.
- **Weekly Lab Assignments** will be completed for each lab session and submitted on Friday by 11:59pm (EST). There is a grace period where late assignments will be accepted until Monday at 9:00am. After this time, a request to the course coordinator may be made to allow a late submission with a deduction of 50% per day beginning on the Monday. If assignments have been returned, this request will not be considered and a grade of 0 will be assigned.
- The Lab Assignment on Oct 24 (midterm date), will be a practice bell ringer. There are no late submissions for this particular assessment as it must be completed in person during your scheduled lab time. This assessment will be graded for completion. The lowest assignment grade will be dropped for everyone to accommodate those who choose not to participate in this practice assessment.
- You are encouraged to communicate with your peers to discuss the content of the assignments however, your submitted assignments must be your own work. Failure to do so, may constitute a Scholastic Offence.
- **Weekly Quizzes** will be completed online. Quizzes will cover the material presented that week in the lectures and the lab videos. You will receive access to quizzes on Brightspace and you will have 1 attempt to complete each quiz. You cannot revisit any of the questions. **The quizzes are**

released at 1130am on Thursdays and must be completed by Friday at 930am. You are expected to complete these quizzes on an individual basis. There are no make ups for the quizzes. 10 quiz grades will be used to calculate the final quiz grade (5%) - the lowest quiz marks will be dropped for everyone in lieu of makeup quizzes.

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.
- ☒ Weekly Lab Assignment are due by 11:59pm on Fridays. There is a grace period until 9am on Mondays. After this grace period, 50% deduction applies to late assignments. Assignments will not be accepted if they have been returned to the class.
- ☒ There are 12 weekly quizzes in this course. The lowest 2 quizzes will be dropped.

☒ General information about assessments

- ☒ All Lab assignments are due at 11:59 pm EST unless otherwise specified.
- ☒ All Weekly Quizzes are due by 9:30am on Friday unless otherwise specified
- ☒ 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
- ☒ Prior to the filing of a written request for relief, students must attempt to resolve the concern regarding a mark or grade through informal consultation with the instructor. If the student is dissatisfied with the decision of the instructor or does not receive a decision from the instructor, a written request for relief must be submitted to the Department Chair within three (3) weeks from the date that the mark was issued.
- ☒ 15% of your course grade will be evaluated and returned 3 days prior to the drop deadline (see Evaluation of Academic Performance policy below).

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:

- ☒ Late assessments without academic consideration will be subject to a late penalty 50%/day
- ☒ An assessment cannot be submitted after it has been returned to the class;
- ☒ One make-up test will be offered on October 30, 2025 at 5:30pm.
- ☒ The exams and laboratory assessment must be completed to pass the course. If any of these 3 elements are missing, an INC/SPC will be entered as a final grade and the student can complete the outstanding assessment the next time course is offered.
- ☒ Only one special examination (see below) will be offered in January

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, which could impact program progression. 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 for the final exam or the student misses the makeup for the final exam for reasons approved by the Academic Advising Office, the student will write the exam the next time the course is offered, which could impact program progression. Outstanding SPCs will reduce the course load for the term the exam is deferred as outlined in [Definitions of Types of Examinations](#) policy.

9. Communication

- ☒ Students should check the OWL Brightspace site every 24–48 hours
- ☒ Students should email their instructor(s) and teaching assistant(s) using email.
- ☒ Emails will be monitored on weekdays; students will receive a response in 1-2 business days
- ☒ This course will use discussions/question forums on Brightspace
- ☒ Students should post all course-related queries on the discussion forum so that everyone can access the questions and responses

10. Office Hours

- ☒ Office hours will be held over zoom on Thursdays at 1:00pm
- ☒ Individuals can email the instructor if an individual appointment is preferred.

11. Course Materials

- ☒ All resources will be posted on OWL Brightspace

Recommended textbook:

Human Anatomy, Marieb, Mallatt and Wilheld; 9th edition (including a Brief Atlas of the Human body; 2nd Edition). Pearson/Cummins Pub. Co.2013. (ISBN-10: 0321822145 • ISBN-13: 9780321822147) (Previous editions also acceptable)

Cost: \$

E-Texts Available through UWO Library login (yes- free for all UWO students!!):

[Anatomy: An Essential Textbook](#)

[Atlas of Anatomy](#) – helpful images

[Anatomy TV](#) - great animations



Any other anatomy text is also acceptable. Some suggestions:

- ***Clinically Oriented Anatomy*** by Moore, Dalley and Agur *** (excellent investment if you plan to go on in any anatomy focused field)
- *Gray's Anatomy for Students* by Drake, Vogl and Mitchell
- *The Principles of Human Anatomy* by Tortora and Nielsen

Helpful websites:

[BlueLink - University of Michigan Medical School](#)

[3D4Medical Complete Anatomy](#) (subscription required*** note Instructor comments in Intro lecture)

Also suggested (at Taylor Library 2 hour Reserve):

Color Atlas of Anatomy, Rohen, Yokochi, Lütjen-Drecoll; 7th edition

Atlas of Clinical Gross Anatomy, 2013, Moses, Nava, Banks, Petersen; 2nd edition.

Human Anatomy: Color atlas and text. 2008, 5th edition. Gosling et al.

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/upload (e.g., Must Knows Facebook group, Course Hero, Chegg, ChatGPT, 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 prior to accessing the laboratory content.
- ✓ **Laboratory videos have been created using human cadaveric material.** This course is privileged to be able to provide human cadaveric specimens for student learning. These specimens have been donated by individuals through Western's Body Bequeathal Program and hence, we expect the utmost of respect for them by our students. **Sharing or downloading of this material for use outside of this course is strictly prohibited.** Several resources have been suggested to allow students to review cadaveric specimen images outside of the lab.

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. "Attend" the lectures on a regular schedule. It is not possible to view all of the lectures for the first time the week before the exam and expect success. Anatomy takes time to understand the relationships and functions of the structures. Give yourself lots of time to learn the material. If you find yourself more than 2 lectures "behind", use this as a wake-up call to get caught up. Binge watching is for Netflix, not Anatomy lectures!
2. Invest in a planner or use the Brightspace application to keep track of your courses. Populate all your deadlines at the start of the term and schedule your time throughout the course.
3. Make it a daily habit to log onto Brightspace to ensure you have seen everything posted to help you succeed in this class.
4. Follow weekly checklists created on OWL or create your own to help you stay on track.
5. 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.
6. Draw it! If you can draw the anatomy, you will have an easier time understanding it

7. Connect with others. Try forming a study group and meet on a weekly basis for study and peer support.
8. Do not be afraid to ask questions! We have a knowledgeable, enthusiastic team assembled to help you succeed in this course. Take advantage of us! Post questions on the forum if you think others might have similar questions
9. 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/Procedures and Statements

A. Absence from Course Commitments

Medical, Compassionate, or Extenuating Circumstances

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.

Policy: [Academic Consideration – Undergraduate Students in First Entry Programs](#)

Procedures: [Student Medical Certificate](#)

Religious Holidays

Students should review the policy for Accommodation for Religious Holidays (Appendix 1). 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.

Policy: [Accommodation for Religious Holidays](#)

A. 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.

Policy: [Definitions of Types of Examinations](#)

B. Academic Appeals and Scholastic Offenses

Students can file a **request for relief from academic decisions** if the request is based on one or more grounds listed in the policy. Requests for relief generally fall into three categories, which are also listed in the policy. All requests for relief must be supported by evidence. A request for relief from academic decisions process was formally referred to as an appeal. Refer to the policy and procedures about further details and timelines.

Policy: [Requests for Relief from Academic Decisions](#)

Procedures: [Undergraduate Student Academic Requests for Relief](#)

Scholastic offences are taken seriously, and students are directed to read the appropriate policy, specifically, the definition of what constitutes a scholastic offence.

Policy: [Scholastic Offences](#)

Procedures: [Undergraduate Scholastic Offences](#)

Students may **appeal** some academic and scholastic disciplinary decisions by a Dean or their designate, to the Senate Review Board Academic (SRBA).

Policy: [Senate Review Board Academic Appeals](#)

Procedures: [Senate Review Board Academic Appeals](#)

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.

Policy: [Academic 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.

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.

Policy: [Undergraduate Course Credit](#)

Procedures: [Discovery Credits](#)

Policy: [Course Numbering Policy, Essay Courses, and Hours of Instruction](#)

F. Statement on the Use of Electronic Devices

No electronic devices of any type will be allowed to be on or near students during exams. Devices include such items as cell phones, watches, smart glasses etc. Failure to adhere to this policy will result in a grade of 0 on the assessment.

G. Statement on the Use of Generative Artificial Intelligence (AI)

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, with students expected to uphold academic integrity by appropriately attributing all sources and avoiding plagiarism. Assignments and/or lab reports 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.

Turnitin and other similarity review software

All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. 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](https://www.turnitin.com).

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.

H. 15% Rule

At least three days prior to the deadline for withdrawal from a 1000- or 2000-level course without academic penalty, students will receive assessment of work accounting for at least 15% of their final grade. Generally, students can expect some form of feedback on their performance in a course before the drop date. In rare instances, at the Dean's discretion, an exemption can be issued, which also must be noted in the course syllabus. Deans should review exemptions on a course-by-course basis each time an exempted course is offered.

Policy: [Evaluation of Academic Performance](#)

15. BMSUE Academic Policies and Statements

A. 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 and this will be documented as a Scholastic Offence. Non-programmable calculators are only allowed when indicated by the instructor. The program is not responsible for stolen/lost or broken devices.

B. Copyright and Audio/Video Recording Statement

Course materials produced by faculty are 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.

C. 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** in this course are rounded to the nearest whole number based on the first decimal place. For example, a grade of 74.49 or lower will be rounded to 74, whereas 74.50 or higher will be rounded to 75.

Marks WILL NOT be arbitrarily increased to the next grade or GPA, e.g., a 79 will NOT be increased to an 80, and 84 WILL NOT be increased to an 85, etc. The mark attained is the mark you achieved, and the mark assigned; requests for arbitrary mark increasing will be denied. Marks will be assigned based on assessments in the syllabus and no extra work or tasks will be assigned to increase a mark.

Course grade rounding provisions, as described above, differ from cumulative and term averages. Cumulative and term averages will be calculated to two decimal places and rounded to the nearest whole number with .45 rounded up, for the purposes of admission to and progression in modules, scholarship retention, and Dean's Honour List.

Policy: [Marks/Grades; Definitions of Grades; Grading Scale for Undergraduate Students](#)

16. Support Services

Students who are in emotional/mental distress should refer to Mental Health @Western <https://www.uwo.ca/health/> for a complete list of options about how to obtain help.

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 the following website:

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.

Other important links:

- [Academic Advising \(Science and Basic Medical Sciences\)](#)
- [Learning Development and Success](#)
- [Office of the Registrar](#)
- [Wellness & Wellbeing](#)
- [Western USC Services](#)

17. SSC Funding

We are extremely grateful for the previous support of the Science Student Donation Fund in this course. If you are a BSc or BMed student registered in the Faculty of Science or Schulich School of Medicine and Dentistry, you pay the Science Student Donation Fee. This fee contributes to the Science Student Donation Fund, which is administered by the Science Students' Council (SSC). One or more grants from the Fund have allowed for the purchase of equipment integral to teaching this course. You may opt out of the Fee by the end of September of each academic year by completing the online form linked from the

Faculty of Science's Academic Counselling site. For further information on the process of awarding grants from the Fund or how these grants have benefitted undergraduate education in this course, consult the course coordinator directly.

Appendix 1: Western University Academic Policies and Procedures

The policies and procedures listed in this syllabus are outlined in the table below. In some cases, a policy does not include an accompanied procedures document.

Academic Policy	Name of Policy/Procedure	Links
General Policy	Marks/Grades; Definitions of Grades; Grading Scale for Undergraduate Students	Policy
General Policy	Structure of the Academic Year	Policy
Registration, Progression, Graduation	Course Numbering Policy, Essay Courses, and Hours of Instruction	Policy
Registration, Progression, Graduation	Undergraduate Course Credit	Policy • Procedures
Examinations	Definitions of Types of Examinations	Policy
Examinations	Evaluation of Academic Performance	Policy
Examinations	Examination Conflicts	Policy
Rights and Responsibilities	Academic Accommodation for Students with Disabilities	Policy
Rights and Responsibilities	Accommodation for Religious Holidays	Policy
Rights and Responsibilities	Policy on Academic Consideration – Undergraduate Students in First Entry Programs	Policy • Procedures
Rights and Responsibilities	Requests for Relief from Academic Decisions (Undergraduate)	Policy • Procedures
Rights and Responsibilities	Requests for Relief from Academic Decisions (Graduate)	Policy • Procedures
Rights and Responsibilities	Scholastic Offences (Undergraduate)	Policy • Procedures
Rights and Responsibilities	Senate Review Board Academic Appeals	Policy • Procedures