

Pathology [PATHOL 2420A – Pathology for Nursing Students]

Course Syllabus for Fall 2023



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. Course Description

An introductory pathology course providing an understanding of fundamental mechanisms of disease processes. The objectives of this course are to provide you with the background of disease and disease processes and mechanisms to prepare you for patients you may encounter in clinical practice. This course helps to make the connection between clinical signs and symptoms, underlying pathology and the role of pathology and laboratory medicine in health care.

The first half of the course introduces Pathology and Laboratory Medicine, general pathology concepts and pathogenesis of diseases common to all organ systems. The second half will focus on specific disease in most of the major organ systems including cardiovascular, respiratory, gastrointestinal, genitourinary and nervous systems.

2. Course Learning Outcomes



1. Utilize the principles of and approach to laboratory stewardship to navigate the different aspects of Pathology and Laboratory Medicine
2. Describe pathologic changes and processes in cells and organ systems that result in disease and how these relate to clinical findings
3. Explain the etiology and pathological processes of common acute and chronic diseases
4. Outline the factors influencing the incidence and manifestation of diseases
5. Discuss the nurse's role and responsibility for assessment of patients with acute and chronic diseases

3. Competencies for Entry-Level Registered Nurse Practice (CNO, 2020) addressed in the course:

1.21	Incorporates knowledge from the health sciences, including anatomy, physiology, pathophysiology, psychopathology, pharmacology, microbiology, epidemiology, genetics, immunology, and nutrition.
1.7	Anticipates actual and potential health risks and possible unintended outcomes.
2.2	Demonstrates a professional presence, and confidence, honesty, integrity, and respect in all interactions.
4.1	Demonstrates collaborative professional relationships.
6.6	Demonstrates self-awareness through reflective practice and solicitation of feedback.
9.2	Translates knowledge from relevant sources into professional practice.

4. Contact Information



Course Coordinator	Contact Information
Dr. Rebecca Sullivan	rsulli4@uwo.ca
Dr. Patti Kiser	pkiser@uwo.ca

Teaching Assistant(s)	Contact Information
Adam Greasley	ageasl@uwo.ca
Eric Wang	ewang55@uwo.ca
Rober Abdo	rabdo3@uwo.ca
Haitao Lu	hlu273@uwo.ca

Course Administrator	Contact Information
Cheryl Campbell	ccampbell@uwo.ca

5. Technical Requirements



Stable internet connection



Laptop or computer



Working microphone



Working webcam

6. Course Overview and Important Dates:



Delivery Mode	Dates	Time
Online	See Section 7 below	

Classes Start	Reading Week	Classes End	Study day(s)	Exam Period
September 7	Oct 30 – Nov 5	December 8	December 9	December 10 - 21

* November 13, 2023: Last day to drop a first-term half course without penalty

7. Mode and Course Delivery



Live (synchronous)



On demand/recorded
(asynchronous)

Mode	Dates	Time	Frequency	Attendance
Virtual asynchronous	N/A	2 hours*	Weekly	N/A
Virtual synchronous	Fridays	12:00 – 1:00 pm	Weekly	Western/Fanshawe Collaborative students
	Fridays	2:30 – 3:30 pm	Weekly	Compressed Time Frame Students

- ✓ *The course is offered to both Fanshawe College and UWO nursing students concurrently as an online course, the time provided for virtual asynchronous content is an estimate. A weekly guide to the material is provided below.
- ✓ Virtual synchronous sessions are consolidation sessions to review concepts in a problem-based case study format. You will discuss the case study as a group. This offers a chance to apply the material you learned in the week to a clinical scenario. It is also a chance for you to ask questions about the weeks' material. These sessions will not be recorded; however, the case-studies, without answers, are posted on OWL. These sessions are optional.
- ✓ Due to capacity issues, if you are attending a tutorial, it must be for your section.
- ✓ Virtual synchronous sessions will be scheduled through [Zoom Cloud Meetings](#).

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 519-6613800 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](#).

8. Course Content and Schedule



Week	Dates	Topic
1	Sept 7–10	Introduction to Pathology and Laboratory Medicine and Cause of disease, Morbidity and Mortality
2	Sept 11–17	Genetics
3	Sept 18–24	Cellular stress: injury, adaptation and cell death
4	Sept 25–Oct 1	Inflammation and Repair
5	Oct 2–8	Immunocellular Alterations
6	Oct 9–15	Neoplasia
7	Oct 16–22	Circulation and Tissue Perfusion and Cardiac and Vascular Health
8	Oct 23–Oct 29	Respiratory Health
9	Oct 30–Nov 5	Reading Week
10	Nov 6–12	Disease of the Kidney and Urinary Tract
11	Nov 13–19	Disease of the Female and Male Genital Tract
12	Nov 20–26	Gastrointestinal Health
13	Nov 27–Dec 3	Neurocognitive Health

9. Participation and Engagement



- ✓ Students are expected to participate and engage with content as much as possible
- ✓ Students can participate during the live consolidation sessions
- ✓ Students can also participate by interacting in the discussion forums with their peers and instructors. Please post questions in the weekly topics forum for everyone to benefit!

10. Assessment

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

Assessment	Format	Weighting	Due Date
Weekly Quiz	*Multiple choice	30%	Available after the Friday live consolidation session and due by the following Thursday
Midterm Exam	*Multiple choice	35%	Sat, Oct 21, 2023
Final Exam	*Multiple choice	35%	TBD



- The quizzes cover content from the week. They will open Friday at 3:30 pm and will close the following Thursday at 5 pm. **All quizzes must be completed by 5:00 pm EST on the due date.** You can complete the quiz anytime during this period; however, once you access the quiz, you will have 1 hour to complete it. There are no make-up quizzes or retakes.
- Virtual proctoring may be used for the midterm and final exam. You must have a functional webcam.

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.

90-100	One could scarcely expect better from a student at this level
80-89	Superior work which is clearly above average
70-79	Good work, meeting all requirements, and eminently satisfactory
60-69	Competent work, meeting requirements
50-59	Fair work, minimally acceptable
below 50	Fail

Information about late or missed evaluations:

Missed exams will be assigned a mark of 0%, unless accommodation has been requested and alternate arrangements have been made prior to the deadline. Please contact the course coordinator promptly.

INC (Incomplete Standing): If a student has been approved by the Academic Counselling 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 Counselling 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 Counselling 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 Counselling 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.

11. Communication:



- ✓ Students should check the OWL site every 24–48 hours
- ✓ Students should message the coordinators(s) and teaching assistant(s) using OWL “messages” and not their email
- ✓ 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

12. Consolidation Sessions:



The consolidation sessions will be conducted on Zoom (link will be provided on OWL)

The password for entering the session is: Path2420

The consolidation sessions will be active case-based learning in which there will be group participation. There will also be opportunity for students to get clarifications or help with problems that arise while reviewing the material and to guide you in your own study.

13. Resources



- ✓ All resources will be posted in OWL
- ✓ Recommended textbook: "**Robbins Basic Pathology**", 10th edition by Kumar et al published in 2017. It is available at the Western and Fanshawe College bookstores.

14. 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
- 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

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 [NonDiscrimination/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).

15. 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.
5. Connect with others. Use the online discussions forums.
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).

16. Western Academic Policies and Statements

Absence from Course Commitments

A. Absence for medical illness:

Students must familiarize themselves with the [Accommodation for Illness Policy](#).

A student seeking academic accommodation for any **work worth less than 10%** must contact the instructor or follow the appropriate Department or course specific instructions provided on the course outline. Instructors will use good judgment and ensure fair treatment for all students when considering these requests. You are not required to disclose details about your situation to your instructor; documentation is not required in this situation, and you should not send any pictures to your instructor.

If you are unable to meet a course requirement for any **work worth 10% or greater** due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to the Academic Counseling as soon as possible and contact your instructor immediately. It is the student's responsibility to make alternative arrangements with their instructor once the accommodation has been approved and the instructor has been informed. Please note that the format of a make-up test, exam, or assignment is at the discretion of the course coordinator.

A student requiring academic accommodation due to illness should use the Student Medical Certificate when visiting an off-campus medical facility or request a Record's Release Form (located in the Dean's Office) for visits to Student Health Services. The form can be found at: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf B.

Absence for non-medical reasons:

Student absences might also be approved for non-medical reasons such as religious holidays and compassionate situations. Please review the policy on [Accommodation for Religious Holidays](#). All nonmedical requests must be processed by Academic Counselling. Not all absences will be approved; pay attention to the academic calendar and final exam period when booking any trips.

C. 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 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.

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](#)

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](#).

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](#).

17. 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, i.e., cell phones, tablets, cameras, 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., 74.4 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.

18. Support Services

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

Course materials cannot be sold/shared.

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

[Appeal Procedures](#)

[Registrarial Services](#)

[Student Development Services](#)

[Student Health Services](#)