

Pathology
[PATHOL 2420A – Pathology for Nursing Students]

Course outline for Fall 2020



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 (optional)



Working webcam (for exam)

2. **Course Overview and Important Dates:**



Delivery Mode	Dates	Time
Online		See Section 4

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

Classes Start	Reading Week	Classes End	Study day(s)	Exam Period
September 9	November 2 - 8	December 9	December 10	December 11 - 22

* November 12, 2020: Last day to drop a first-term half course or a first-term full course without penalty

3. **Contact Information**



Course Coordinator	Contact Information
Dr. Emily Goebel	egoebel2@uwo.ca

Teaching Assistant(s)	Contact Information
Michael Roes	mroes@uwo.ca

Course Administrator	Contact Information
Cheryl Campbell	ccampbell@uwo.ca

4. Course Description and Design

A survey course providing an understanding of fundamental mechanisms of disease processes. The objectives of this course are to give you some of the descriptive vocabulary and medical terminology used to describe disease and disease processes and a basic understanding of disease processes, their mechanisms, and the connection between clinical signs and symptoms and underlying pathology.

The first half of the course presents general pathology concepts and pathogenesis of diseases common to all organ systems. The second half concentrates on disease in most of the major organ systems including cardiovascular, respiratory, gastrointestinal, genitourinary and nervous systems.

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	8:00 – 9:00 am (Fanshawe Students) 12:00 – 1:00 pm (Western Students)	Weekly	Optional

*The course is being given to both Fanshawe College and UWO nursing students concurrently as an online course. You determine when and how much time you spend on the course. A weekly guide to the material is provided below.

- Attendance at synchronous sessions is optional
- Virtual synchronous sessions are tutorial sessions to review concepts and is a chance for you to ask questions. They will not be recorded; however electronic slides or an abbreviated recording of concepts will be available for later viewing.

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 519-661-3800 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:



- Define morbidity and mortality and distinguish between them, and have a general understanding of which diseases/disorders cause the greatest mortality and morbidity.
- Understand and be able to define commonly used terms and vocabulary used to describe various aspects of disease.
- Discuss broadly the causes of disease and the categories under which they can be considered.
- Describe pathological mechanisms underlying disease processes.
- Understand the clinical manifestations of pathological processes in organ systems.

6. Course Content and Schedule



Week	Dates	Topic
1	Sept 9 – 13	Introduction to Pathology and Causes of Disease
2	Sept 14 – 20	Cell Injury, Adaptation, and Cell Death
3	Sept 21 – 27	Inflammation and Repair
4	Sept 28 – Oct 4	Immune Disorders
5	Oct 5 – 11	Neoplasia
6	Oct 12 – 18	Disturbed Blood Flow
7	Oct 19 – 25	Atherosclerosis and Its Sequelae
8	Oct 26 – Nov 1	Disease of the Lung
9	Nov 2 – 8	Reading Week
10	Nov 9 – 15	Disease of the Kidney and Urinary Tract
11	Nov 16 – 22	Disease of the Female and Male Genital Tract
12	Nov 23 – 29	Disease of the Gastrointestinal Tract
13	Nov 30 – Dec 6	Disease of the Central Nervous System
14	Dec 7 – 9	--

7. Online Participation and Engagement



- Students are expected to participate and engage with content as much as possible
- Students can participate during the live tutorial 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!

8. Evaluation

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

Assessment	Format	Weighting	Due Date
Weekly Quiz	*Multiple choice	Total 20% of final grade	A week after the tutorial for that material
Midterm Exam	*Multiple choice	40% of final grade	Sat, Oct 24, 2020
Final Exam	*Multiple choice	40% of final grade	TBD

* All examinations are multiple choice. Both standard and K type (multiple-multiple) questions will be included.

- The quiz for the material from the previous week will open Friday at 1 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.
- Virtual proctoring (ProctorTrack) will be used for the midterm and final exam



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 evaluations:

- Missed/late quizzes without self-reported absences will be assigned a mark of 0%.
- Late quizzes with self-reported absences should be submitted within 24 hours of last self-reported absence.
- 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.

9. Communication:



- Students should check the OWL site every 24 – 48 hours
- Students should email their instructor(s) and teaching assistant(s) using OWL “messages”
- Emails will be monitored daily; students will receive a response in 24 – 48 hours
- 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. Tutorial Sessions:



- The tutorial sessions will be conducted on Zoom and are optional (link will be provided on OWL)

The password for entering the tutorial is: Pathology

The tutorial sessions will concentrate on clarifying your questions about the material. These are not meant to be mini-lectures. The tutorials are primarily for clarifications or help with problems that arise while reviewing the material and to guide you in your own study.

11. Resources



- Course modules and notes will be available online through the OWL site at Western University
- Recommended textbook: "**Robbins Basic Pathology**", 10th edition by Kumar et al **published in 2017**. It is available at the Western and Fanshawe College bookstores. On the Objectives page of each lesson module you are given the page numbers of the text that are relevant and correspond to the material in your notes.
- A medical dictionary Dorland's or Stedman's Pocket Medical Dictionary is often helpful for students new to medical terminology. A link to a **glossary of medical terms** will be included on the OWL site.

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

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.
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).

14. Western Academic Policies and Statements

Online Proctoring Notice

Tests and 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/>.

Accommodation, Illness Reporting and Academic Considerations

Accommodation Policies

Students with disabilities work with Accessible Education (formerly SSD) which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The accommodation policy can be found here: [Academic Accommodation for Students with Disabilities](#).

Academic Consideration for Student Absence

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

In the interest of the health and safety of students and health care providers, you are no longer required to seek a medical note for absences this term. If you are unable to meet a course requirement due to illness you should use the [Illness Reporting Tool](#). This tool takes the place of the need to submit a medical note and the Self-Reported Absence System formally used by undergraduate students.

You are required to self-report every day that you are ill and unable to complete course commitments. Details about missed work can be found in the Section 8. Evaluation above. Students should communicate promptly with their instructor and use this tool with integrity.

Students will have up to two (2) opportunities during the regular academic year to use an on-line portal to self-report an absence during the term, provided the following conditions are met: the absence is no more than 48 hours in duration, and the assessment for which consideration is being sought is worth 30% or less of the student's final grade. Students are expected to contact their instructors within 24 hours of the end of the period of the self-reported absence, unless noted on the syllabus. Students are not able to use the self-reporting option in the following circumstances:

- for exams scheduled by the Office of the Registrar (e.g., December and April exams)
- absence of a duration greater than 48 hours,
- assessments worth more than 30% of the student's final grade,
- if a student has already used the self-reporting portal twice during the academic year

If the conditions for a Self-Reported Absence are *not* met, students will need to provide a Student Medical Certificate if the absence is medical, or provide appropriate documentation if there are compassionate grounds for the absence in question. Students are encouraged to contact their Faculty academic counselling office to obtain more information about the relevant documentation.

Students should also note that individual instructors are not permitted to receive documentation directly from a student, whether in support of an application for consideration on medical grounds, or for other reasons. **All documentation required for absences that are not covered by the Self-Reported Absence Policy must be submitted to the Academic Counselling office of a student's Home Faculty.**

For Western University policy on Consideration for Student Absence, see [Policy on Academic Consideration for Student Absences - Undergraduate Students in First Entry Programs](#)

and for the Student Medical Certificate (SMC), see:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf.

Religious Accommodation

Students should consult the University's list of recognized religious holidays, and should give reasonable notice in writing, prior to the holiday, to the Instructor and an Academic Counsellor if their course requirements will be affected by a religious observance. The policy on Accommodation for Religious Holidays can be viewed [here](#).

Absence for non-medical reasons:

Absences (presentations and assignments) may be permitted for compassionate reasons. However, documentation is required and must be submitted by the student directly to the course coordinator. The coordinator will determine if accommodation is warranted.

Accessibility Statement:

Please contact the course coordinator 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 [Student Accessibility Services \(SAS\)](#), provided by the Student Development Centre (SDC) at Western for specific questions.

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.

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](#).

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.

15. 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