1 Course Details

1.1 Calendar Description

Topics covered in this course include drugs used in the treatment of inflammatory, allergic, hormonal, infectious, neoplastic and hemorrhagic/thromboembolic disease. The focus will be on drug targets and mechanisms of action that explain therapeutic and toxicological effects.

Pre-Requisites: BIOM*3090

1.2 Course Description

This course is the second in a two-course introduction to pharmacology (the first being BIOM*3090). Drugs used in the treatment of inflammatory, allergic, hormonal, infectious, parasitic, neoplastic, and hemorrhagic/thromboembolic diseases will be discussed from a systemic perspective. By the end of this course students should understand the mechanisms of action of selected drugs and be able to relate these to both the desired clinical effects and common adverse drug reactions.

1.3 Timetable

This course will be taught asynchronously: there are no specific hours during which students must engage with learning materials.

Students must be available for in-person examinations (see information about assessments).

1.4 Final Exam

Exam time and location is subject to change. Please see WebAdvisor for the latest information.

2 Instructional Support
2.1 Instructional Support Team

Instructor: Neil MacLusky BSc (Hons), PhD
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3 Learning Resources

3.1 Recommended Resources

4 Learning Outcomes

4.1 Course Learning Outcomes
By the end of this course, you should be able to:
1. Relate the mechanisms of action of selected drugs (those used in the treatment of inflammatory, hormonal, infectious, parasitic, neoplastic, and hemorrhagic/thromboembolic diseases) to their desired clinical effects and any common adverse drug reactions.
2. At an introductory level, make or compare treatment recommendations based on your knowledge of these drugs.

5 Teaching and Learning Activities
A schedule of lecture topics will be provided on the course website. We recommend that you engage with each activity on the day it appears in the schedule.

6 Assessments

6.1 Assessment Details

Quizzes (10%)
Five on-line quizzes, 2% per quiz. Details regarding quiz availability will be provided on Courselink. Automated reminders regarding the opening and closing of quizzes are provided by Courselink; students are responsible for attending to those and completing quizzes on time. Extensions will not be permitted for computer or internet connectivity problems; to avoid these risks students should not wait until the last available day to complete quizzes.

Midterm Exam (40%)
To be scheduled (normally mid to late October), location and date to be announced. This in-person evening examination will cover the first half of the course (endocrine, antibacterial, and antifungal pharmacology).

Final Exam (50%)
Scheduled by the Registrar. This in-person examination will cover the second half of the course (starting with anti-inflammatory pharmacology).

Optional cumulative final examination (90%)
This examination will cover all subjects in the course. It will be written in the same location at the same time as the regular final examination. Any student who does not write the midterm must write the cumulative final examination. Any student who writes the midterm may choose to drop their midterm grade and write the cumulative final examination; the decision to do this is up to you, but you must notify the course coordinator of your intention to do so by noon on Nov 19th.

6.2 Alternative pandemic-related assessment plan

IN THE EVENT THAT THE PANDEMIC REQUIRES REMOTE ASSESSMENTS, the format will be different:

A variety of assessment types may be employed, including assignments, open-book tests, or remotely invigilated exams using Respondus and the lock-down browser. The timing of these assessments will be determined once faculty receive direction from the institution and local public health authorities, however it is likely that each of the substitute assessments will be based on a single faculty member's section of the course and will be written during or upon completion of that faculty member's lectures. There may or may not be a final examination, depending on the timing of any pandemic-related disruption. Students who are unable to complete an assessment by the deadline will, at the instructor's discretion, either
(1) have the weighting of that assessment added to other assessments set by that instructor, or (2) be required to complete a test or assignment on that subject before or during the final examination period.

7 Course Statements

7.1 Course WebSite

For course information, subject outline, assessment dates, and grades, please consult the course website (accessible via Courselink).

Instructors will aim to post learning materials on Courselink by 7 pm the evening before each scheduled learning activity.

7.2 Netiquette

Inappropriate online behaviour will be referred to the office of the Associate Dean (Students and Academic) for investigation.

The range of possible penalties is listed in the Undergraduate Calendar, Section VIII: Undergraduate Degree Regulations and Procedures, Academic Misconduct, Penalties, Part A: Range of Penalties That May be Assessed, which includes loss of marks, loss of university scholarships or bursaries, suspension or expulsion from the university, and other penalties, depending on the offence.

Examples of inappropriate online behaviour include:

- Posting inflammatory messages about your instructor or fellow students
- Using obscene or offensive language online
- Copying or presenting someone else’s work as your own
- Adapting information from the Internet without using proper citations or references
- Buying or selling term papers or assignments
- Posting or selling course materials to course notes websites
- Having someone else complete your quiz or completing a quiz for/with another student
- Stating false claims about lost quiz answers or other assignment submissions
• Threatening or harassing a student or instructor online
• Discriminating against fellow students, instructors and/or TAs
• Using the course website to promote profit-driven products or services
• Attempting to compromise the security or functionality of the learning management system
• Sharing your user name and password
• Recording lectures without the permission of the instructor

7.3 Course Evaluation

Students may be asked to complete a questionnaire on the instructors’ on-line teaching abilities, either following the instructor’s final learning activity or during the last two weeks of classes. If any evaluations of faculty teaching performance are held this semester, they will be administered by a third party and the results will be delivered to the instructors only after the final grades have been submitted to the Registrar’s Office. The department Chair will see all numerical ratings, but only those comments that are accompanied by a student name (electronic selection in on line evaluations). These evaluations are used for tenure and promotion purposes.

8 University Statements

8.1 Email Communication

As per university regulations, all students are required to check their e-mail account regularly: e-mail is the official route of communication between the University and its students.

8.2 When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. The grounds for Academic Consideration are detailed in the Undergraduate and Graduate Calendars.

Undergraduate Calendar - Academic Consideration and Appeals
https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml

Graduate Calendar - Grounds for Academic Consideration
https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml

Associate Diploma Calendar - Academic Consideration, Appeals and Petitions
https://www.uoguelph.ca/registrar/calendars/diploma/current/index.shtml

8.3 Drop Date

Students will have until the last day of classes to drop courses without academic penalty. The
deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all students (undergraduate, graduate and diploma) except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in their respective Academic Calendars.

Undergraduate Calendar - Dropping Courses
https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml

Graduate Calendar - Registration Changes
https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/genreg-regregchg.shtml

Associate Diploma Calendar - Dropping Courses
https://www.uoguelph.ca/registrar/calendars/diploma/current/c08/c08-drop.shtml

8.4 Copies of Out-of-class Assignments
Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

8.5 Accessibility
The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability.

Use of the SAS Exam Centre requires students to book their exams at least 7 days in advance and not later than the 40th Class Day.

For Guelph students, information can be found on the SAS website
https://www.uoguelph.ca/sas

For Ridgetown students, information can be found on the Ridgetown SAS website
https://www.ridgetownc.com/services/accessibilityservices.cfm

8.6 Academic Integrity
The University of Guelph is committed to upholding the highest standards of academic integrity, and it is the responsibility of all members of the University community-faculty, staff, and students-to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have
the responsibility of abiding by the University’s policy on academic misconduct regardless of
their location of study; faculty, staff, and students have the responsibility of supporting an
environment that encourages academic integrity. Students need to remain aware that
instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not
relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse
students from responsibility for verifying the academic integrity of their work before
submitting it. Students who are in any doubt as to whether an action on their part could be
construed as an academic offence should consult with a faculty member or faculty advisor.

Undergraduate Calendar - Academic Misconduct
https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-
amisconduct.shtml

Graduate Calendar - Academic Misconduct
https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml

8.7 Recording of Materials
Presentations that are made in relation to course work - including lectures - cannot be
recorded or copied without the permission of the presenter, whether the instructor, a student,
or guest lecturer. Material recorded with permission is restricted to use for that course unless
further permission is granted.

8.8 Resources
The Academic Calendars are the source of information about the University of Guelph’s
procedures, policies, and regulations that apply to undergraduate, graduate, and diploma
programs.

Academic Calendars
https://www.uoguelph.ca/academics/calendars

8.9 Disclaimer
Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of
course offerings, changes in classroom protocols, and academic schedules. Any such
changes will be announced via CourseLink and/or class email.

This includes on-campus scheduling during the semester, mid-terms and final examination
schedules. All University-wide decisions will be posted on the COVID-19 website

8.10 Illness
Medical notes will not normally be required for singular instances of academic consideration,
although students may be required to provide supporting documentation for multiple missed
assessments or when involving a large part of a course (e.g., final exam or major assignment).

8.11 Covid-19 Safety Protocols

For information on current safety protocols, follow these links:

- https://news.uoguelph.ca/return-to-campuses/how-u-of-g-is-preparing-for-your-safe-return/
- https://news.uoguelph.ca/return-to-campuses/spaces/#ClassroomSpaces

Please note, these guidelines may be updated as required in response to evolving University, Public Health or government directives.