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

Timetable is subject to change. Please see WebAdvisor for the latest information.

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: Ron Johnson BSc, DVM, PhD, DipACVCP
Email: rjohns03@uoguelph.ca
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. 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.
5 Teaching and Learning Activities

A schedule of lecture topics will be provided on the course website.

6 Assessments

6.1 Assessment Details

Quizzes (10%)
Five on-line quizzes, 2% per quiz. Details regarding quiz availability will be provided on the Courselink/Desire2Learn course website. Automated reminders regarding the opening and closing of quizzes are provided by Courselink/Desire2Learn; students are responsible for attending to these 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 examination (40%)
Date: To be announced (normally mid- to late October), location to be announced
This examination will cover the first half of the course (endocrine, antibacterial, and antifungal pharmacology).

Final examination (50%)
Date: Scheduled by the Registrar
This examination will cover the second half of the course (starting with antiinflammatory 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, but must notify the course coordinator of their intention to do so by noon on Nov 22nd.

7 Course Statements

7.1 Course WebSite

For class information, lecture outline, quiz dates, and grades please consult the course website (accessible via Courselink).

Instructors will aim to post lecture notes on this site by 7 pm the evening before each lecture.
7.2 Course Evaluation

Students will be asked to complete a questionnaire on the instructors’ teaching abilities, either following their final lectures or during the last two weeks of classes. This is part of the information required by the University to evaluate faculty performance for purposes of tenure and promotion. It will be administered by a third party and the evaluations 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 online evaluations).

7.3 Department of Biomedical Sciences Guideline for Students with 3 Final Exams in a 48-hour Period

Eligibility
Student eligibility for this process is at the discretion of the Chair. For students with three or more exams in a 48-hour period in the first week of the final exam schedule, including an exam in a course offered by the Department of Biomedical Sciences, the department may offer a second writing of the exam in the second week of the final exam period. This policy does not apply to exams requiring complicated set-up, such as lab exams.

Process
The second sitting (a single date and time for all students seeking this accommodation) will be scheduled by the Chair’s Office and invigilated by the course instructor, if available, or by the course TA or another invigilator. Following completion of the exam, the instructor/TA will mark the papers and submit the grades to the Registrar within 7 days of the last scheduled day of the final exam period.

Eligible students can request this privilege by sending an e-mail message by the 40th class day to the Department Chair (Dr Tarek Saleh). In their request, the student MUST list their complete final exam schedule and a verbatim copy of the following statement:

“This is an accurate representation of my final exam schedule for the current semester as issued by the Registrar’s office. I understand that if I have misrepresented my exam schedule and am granted permission to write the BIOM*4090 exam at the later date on that basis, I will have violated the University’s academic misconduct policy which may result in a grade of zero for the BIOM*4090 final exam. I understand that steps will be taken to verify my course enrollment and final exam schedule.”

Although the Department will make every effort to accommodate these requests, circumstances may not allow accommodation in all situations, and we cannot guarantee that requests will be approved. All email requests will receive a written response from the Chair regarding the decision.

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

**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.

More information can be found on the SAS website
https://www.uoguelph.ca/sas

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