

BIOL 243/KNPE 251/NURS 323/PSYC 202 Online Course Syllabus

COURSE INFORMATION

Course Description

The purpose of this course is to improve your numeracy and critical thinking skills to help you make better decisions in both your personal and professional life. To achieve this, you will learn about probability, how to make sense of raw data, how best to describe data to others, and how to solve problems and test predictions using statistics.

This course follows a 'blended model', meaning that course material is provided using weekly online video lessons, a face-to-

Suggested Time Commitment

To complete the readings, assignments, and course activities, students can expect to spend on average, about **9** hours per week on the course.

Online Lessons	2-4.5 hours (as needed)
Lecture	1 hour
Tutorials	1.5 hours
Software Skills Primers	1 hour
Additional Practice	as needed
Drop-in Sessions	0-2 hours

COURSE ASSESSMENTS

Weighting of Assessments

Assessment	Location	Weight	Learning Outcomes	Content Elements
In-lecture participation via Tophat	Lecture	5%	1-5	videos lessons, Lecture
Software Skills Quizzes (Weeks 3, 6, 9)	Tutorial	8%	1-5	Software primer

Weekly Quizzes	On-line	10%	1-4	Videos lessons, Software primer
Tutorial Activities	Tutorial	15%	1-5	Incorporates all content
Inquiry-based Project	Tutorial/independent	12%	1-5	Incorporates all content
Term Tests (2 x 10%) (Weeks 6 & 10)	Lecture	20%	1-4	Video lessons, Lecture, practice problems

Final Exam

Term Tests

The two term tests (2 x10%) will be written in Week 6 and week 10 (see the Timeline for exact dates). The first term test covers material Modules 1-4 and term test 2 covers materials from Modules 1-7 with emphasis on Modules 5-7. Term tests will be multiple choice and short answer. Each term test will include material from the modules videos, lectures, module practice problems and elements of the tutorials.

Proctored Final Exam

The Final Exam is three hours in length and includes multiple-choice and short answer questions based on the material from the entire Fall term, including all modules videos, lectures, module practice problems and elements of the tutorials. Exam dates: The specific dates for each exam will be announced later in the term by the Registrar's office. Once the exam schedule has been finalized the exam date will

B	73-76
B-	70-72
C+	67-69
C	63-66
C-	60-62
D+	57-59
D	53-56
D-	50-52
F	49 and below

COURSE COMMUNICATION

Contacting the Teaching Team

The teaching team contact information is located on the Homepage of the course (see “Teaching Team”).

For any questions about the course, from course material in the videos and study strategies to getting help with tutorial activities and exam prep, please come to the Drop-In Help Sessions. Each session is facilitated by one of your professors.

7. Be open to be challenged or confronted on your ideas and challenge others with the

providing academic consideration to students experiencing extenuating circumstances that are beyond their control and which have a direct and substantial impact on their ability to meet essential academic requirements. The Faculty of Arts and Science is developing a protocol to provide a consistent and equitable approach in dealing with requests for academic consideration for students facing extenuating circumstances, which will be posted on the Faculty of Arts and Science website in Fall, 2017.

Academic Integrity

Academic integrity is constituted by the six core fundamental values of honesty, trust, fairness, respect, responsibility, and courage (see www.academicintegrity.org).

These values are central to the building, nurturing and sustaining of an academic community in which all members of the community will thrive. Adherence to the values expressed through academic integrity forms a foundation for the "freedom of inquiry and exchange of ideas" essential to the intellectual life of the University.

Students are responsible for familiarizing themselves with the regulations concerning academic integrity and for ensuring that their assignments conform to the principles of academic integrity. Information on academic integrity is available in the Arts and Science Calendar (see Academic Regulation 1), on the Arts and Science website (see <http://www.queensu.ca/artsci/students-at-queens/academic-calendar>), and from the instructor of this course. For current policy updates visit: <http://www.queensu.ca/artsci/students-at-queens/academic-integrity>

Departures from academic integrity include plagiarism, use of unauthorized materials, facilitation, forgery and falsification, and are antithetical to the development of an academic community at Queen's. Given the seriousness of these matters, actions which contravene the regulation on academic integrity carry sanctions that can range from a warning or the loss of grades on an assignment to the failure of a course to a requirement to withdraw from the university.

Computer Requirements

Microsoft Windows Client Vista/Windows 7/Windows 8 Intel Core 2 Duo processor 2GB RAM Soundcard with speakers and microphone or preferably a headset Webcam	Supported Browsers Firefox (latest version) Safari (latest version on 64-bit Intel processors only)
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Mac Client

OS X 10.8 or higher

Intel i5 processor

2 GB RAM

Internal, USB or external iSight
microphone or preferably a