

Statistical Sciences 2037B Course Outline

1. Course Information

Course Information
Statistical Sciences 2037
2021-2022 Winter Term

Lectures: Monday 3:30-4:30 pm
Wednesday 3:30-4:30 pm & 4:30-5:30 pm
Location: ONLINE/NSC-1

From January 10 to January 31, all lectures are scheduled online with synchronous Zoom lecturing. Any change will be noted in advance.

Antirequisites
Statistical Sciences 1023A/B.

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

2. Instructor Information

Instructor: Dr Ricardas Zitikis

E-mail: rzitikis@uwo.ca

Office: WSC 231

Office Hour: After each lecture

When: BDC qce Ho BDC qce Ho.-3()6()JTJETQqt.0912 0 612 792 reW*ñBT/F2 12 Tf1 0 0 1 1W*81 Tm0 g0 G(Of)-2(f)-4

Learning Outcomes

Upon successful completion of this course, students will be familiar with:

- Techniques used in exploring, organizing, and describing data
- Producing data through surveys and experiments
- Basic concepts and uses of statistics
- Basic concepts of probability and distributions
- Statistical inference, including confidence intervals and tests of hypotheses
- Pitfalls and controversies

Classes begin: January 10, 2022

Family Day and Spring Reading Week: February 19-27, 2022

Classes end: April 8, 2022

Course delivery and assessment with respect to the COVID-19 pandemic

Although the intent is for this course to be delivered in-person to the extent possible, the changing COVID-19 landscape may necessitate some or all of the course to be delivered online, either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL for students to view at their convenience), as deemed most appropriate by the instructor. The grading scheme will not change. Any assessments affected will be conducted online as determined by the course instructor.

When deemed necessary, tests and examinations in this course will be conducted using a remote proctoring service. By taking this course, you are consenting to the use of this software and acknowledging that you will be required to provide personal information (including some biometric data) and that the session will be recorded. Completion of this course will require you to have a reliable internet connection and a device that meets the technical requirements for this service. More information about this remote proctoring service, including technical requirements, is available on Western's Remote Proctoring website at: <https://remoteproctoring.uwo.ca>

4. Course Materials

Required Textbook

(Tenth Edition) by David S. Moore and William I Notz

<https://www.macmillanlearning.com/college/ca/product/Statistics-Concepts-and-Controversies/p/1319109020>

Recommended Online Learning Platform

Achieve for _____ connects the problem-solving approach and real-world examples in the book to rich digital resources that foster further understanding and application of statistics. <https://achieve.macmillanlearning.com/start>

Students are responsible for checking the course OWL site (<http://owl.uwo.ca>) on a regular basis for news and updates. This is the primary method by which information will be disseminated to all students in the class.

All course material will be posted to OWL: <http://owl.uwo.ca>.

If students need assistance with the course OWL site, 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.

Technical Requirements

Stable internet connection, Google Chrome or Mozilla Firefox browsers to optimally use OWL; update your browsers frequently. You will need:

- a laptop or a computer
- a working microphone and a webcam
- a reliable internet connection

5. Methods of Evaluation

There will be three cumulative multiple-choice tests. Each test is scheduled during the lecture hour on Monday.

Jan 26a

Absences from Final Examinations

If you miss the Final Exam, please contact the Academic Counselling office of your Faculty of Registration as soon as you are able to do so. They will assess your eligibility to write the Special Examination (the name given by the University to a makeup Final Exam).

You may also be eligible to write the Special Exam if you are in a "Multiple Exam Situation" (e.g., more than 2 exams in 23-hour period, more than 3 exams in a 47-hour period).

If a student fails to write a scheduled Special Examination, the date of the next Special Examination (if granted) normally will be the scheduled date for the final exam the next time this course is offered. The maximum course load for that term will be reduced by the credit of the course(s) for which the final examination has been deferred. See the Academic Calendar for details (under [Special Examinations](#)).

7. Accommodation and Accessibility

Accommodation Policies

Students with disabilities work with Accessible Education (formerly SSD), which provides recommendations for accommodation based on medical documentation or psychological and cognitive t

