

HURON UNIVERSITY – FACULTY OF ARTS AND SOCIAL SCIENCE
DEPARTMENT OF MANAGEMENT & ORGANIZATIONAL STUDIES

MOS 2242A – Business and MOS Statistics

Summer 2026 – Super Intense Fun!

1. Course Information

Instructor: Dr. Marina Palaisti (aka Dr. P / Prof. P)

Email: mpalaist@huron.uwo.ca

Office: online

Office Hours: Monday 9.30-11.30 am; Tuesday 9.30-11.30am; Thursday, 9.30-11.30 am.

Scheduled Class Times:

This course is **asynchronous** to accommodate internships and summer jobs. I am available by email **Monday to Thursday, 9:00 AM – 5:00 PM**. I will moreover hold three 2-hour drop-in office hours (MTh 9.30-11.30am). The link is on the announcements.

Prerequisites:

1.0 course from Calculus 1000A/B, 1301A/B, 1501A/B or Mathematics 1225A/B, 1228A/B, 1229A/B, and enrolment in a MOS Honours Specialization, Specialization, or Major.

Antirequisites:

Biology 2244A/B, Economics 2122A/B, 2222A/B, Geography 2210A/B, Health Sciences 3801A/B, Psychology 2811A/B, and others as listed in the academic calendar.

2. Course Description

Learn to make data-driven decisions—one of the most marketable skills in business. This course introduces core statistical tools for business analysis.

Topics include:

Descriptive statistics, probability, hypothesis testing, ANOVA, correlation and regression, forecasting, and survey methods.

3. Course Learning Outcomes

By the end of this course, students will be able to:

- Summarize and interpret business data.
- Apply statistical tools to solve business problems.
- Interpret outputs from statistical software such as Excel.

4. Textbooks and Course Materials

Optional Textbook:

Basic Statistics for Business and Economics, 7th Canadian Edition – Lind, Marchal, Wathen, Waite, Murphy

- Print ISBN: 9781260326963 (about CAD 79)
- eBook ISBN: 9781264966486

Note: The textbook is not required.

Course Notes & Files:

All materials are posted on **OWL**:

Instructor-created content is protected under Canadian copyright law and may not be copied, shared, or posted elsewhere.

Required Software:

Microsoft Excel (free for Huron students):

<https://wts.uwo.ca/sitelicense/microsoft/homeuse.html>

5. Methods of Evaluation

Assessment	Weight	Availability
In-Class Exercises (Weeks 1–4)	Part of 12%	May 11 @ 9:30 AM – May 18 @ 11:59 PM
In-Class Exercises (Weeks 6–10)	Part of 12%	May 19 @ 9:30 AM – May 28 @ 11:59 PM
Quizzes 1–4	16%	May 20 @ 12:01 AM – May 28 @ 11:59 PM
Midterm Test (Weeks 1-5)	32%	May 21, 6:00–8:00 PM
Final Exam (Weeks 6-10)	40%	May 28, 6:00–8:00 PM

Assessment Policies:

- All submissions and tests are conducted via OWL. Students are responsible for ensuring timely uploads and maintaining backup copies.

- Missed assessments require valid documentation submitted to **Academic Counselling**. No late work is accepted unless Academic Counselling recommends accommodations.
- If approved, students may be granted a makeup, an extension, or redistribution of weight.
- A makeup midterm is available only with valid documentation approved by both Academic Counselling and the Instructor.
- The **final exam will only cover material after the midterm (i.e., Weeks 6–10)**.
- For any grade review, email your request within **1 week of grade release**. The full item will be regraded (grade may go up, down, or remain the same).

Online Test Environment Requirements:

All tests and exams will require:

- A stable internet connection
- Access to Microsoft Excel
- A device with a webcam and microphone (for identity verification)

During the **midterm and final exam**, students will be required to keep the camera on at all times . Any attempt to cheat or use unauthorized materials will be dealt with under the **Code of Student Conduct** and may result in academic penalties.

6. Tentative Weekly Topics Schedule

Week	Topics
Week 1	Week 1: Descriptive Statistics, Frequency Tables, Graphs
Week 1	Week 2: Measures of Position and Dispersion
Week 1	Week 3: Probability Concepts
Week 1	Week 4: Discrete Probability Distributions
Week 2	Week 5: Continuous Probability Distributions
Week 2	Week 6: Sampling, Estimation, Confidence Intervals
Week 2	Week 7: Confidence Intervals Continued
Week 3	Week 8: Hypothesis Testing
Week 3	Week 9: ANOVA
Week 3	Week 10: Linear & Multiple Regression

7. Exam Instructions

Remote Exam Protocol (Midterm and Final):

- Exams will be **proctored over Zoom**. You must join the Zoom meeting **15 minutes before start time**.
- **Camera and microphone must remain on**. Your face, hands, and screen must be visible.
- **You must take the exam on a laptop, not a tablet or smartphone. Screen sharing is required**. You must be logged in on zoom via a secondary device that shares your entire laptop screen, hands, and desk. You will not be allowed to write the exam if this policy is not followed.

- Use of AI tools (e.g., ChatGPT), unauthorized websites, or communication apps is strictly prohibited.
- You will be asked to pan your camera to show your desk and surroundings.
- Exams are **closed book except the designated formula sheet**. No other notes or formulas are allowed.
- **Mute and screen-off behavior is not permitted** unless explicitly allowed.
- Noncompliance will be treated as academic misconduct and reported

Let's have some FUN-WITH-STATS this summer!