

# Data Science Concepts (DS 1000B)

## Course Outline

### 1. Course Information

Course Name: Data Science Concepts  
Course Number: DS1000B  
Term: Winter 2023

	Day	Time	Location
<b>Class</b>			
Section 1	Tue Thu	8:30 AM – 9:30 AM 8:30 AM – 10:30 AM	TC141
Section 2	Mon/Wed/Fri	12:30 PM – 1:30 PM	WSC55
Section 3	Mon/Wed/Fri	2:30 PM – 3:30 PM	NCB101
<b>Lab</b>			
Section 4	Thu	4:30 PM – 5:30 PM	UCC37
Section 5	Tue	2:30 PM – 3:30 PM	NCB114
Section 6	Tue	3:30 PM – 4:30 PM	NCB114
Section 7	Tue	4:30 PM – 5:30 PM	

<b>Teaching Assistants</b>	<b>Email</b>	<b>Office</b>	<b>Office Hours</b>
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All classes and labs will be held in-person.

- In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction, affected course content will be delivered entirely online, either synchronously (i.e. at the times indicated in the timetable) or asynchronously (i.e. posted on OWL for students to view at their convenience). The grading scheme will not change. Any remaining assessments will also be conducted online as determined by the course instructor.

## 4. Course Materials

### **Textbook**

The Basic Practice of Statistics, 9th Ed, 2021, by D. S. Moore; W. I. Notz; M. I. Fligner

Students can order a physical copy through the Book Store's website or purchase an e-book version through the following link:

<https://store.macmillanlearning.com/ca/product/The-Basic-Practice-of-Statistics/p/1319244378>

### **OWL**

Students are responsible for checking the course OWL site (

Calculators: Any non-programmable calculator may be used in this course.

Format of Exams: In-person, closed-book, combination of multiple choice and short answer.

Labs:

There are 13 labs; however, you only need to attend 10 to earn 5% of your grade ( $10 * 0.5\%$ )

Assignments:

There are 4 assignments; however, only the best 3 assignments will count towards your grade (5% each). Students must submit at least 2 out of the 4 assignments to write the final exam.

Assignments will be available on the course OWL site. However, you will not submit your solutions to OWL. Instead, assignments must be submitted through Gradescope (<https://www.gradescope.com/>), an online collaborative grading system. It is your responsibility

## **6. Student Absences**

## Accommodation Policies

Students with disabilities are encouraged to contact Accessible Education, which provides recommendations for

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Western is committed to reducing incidents of gender-based and sexual violence and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced sexual or gender-based violence (either recently or in the past), you will find information about support services for survivors, including emergency contacts at

[https://www.uwo.ca/health/student\\_support/survivor\\_support/get-help.html](https://www.uwo.ca/health/student_support/survivor_support/get-help.html).

To connect with a case manager or set up an appointment, please contact [support@uwo.ca](mailto:support@uwo.ca).

Please contact the course instructor if you require lecture or printed material in an alternate format or if any other arrangements can make this course more accessible to you. You may also wish to contact Accessible Education at

[http://academicsupport.uwo.ca/accessible\\_education/index.html](http://academicsupport.uwo.ca/accessible_education/index.html)

if you have any questions regarding accommodations.

Learning-skills counsellors at the Student Development Centre (<https://learning.uwo.ca>) are ready to help you improve your learning skills. They offer presentations on strategies for improving time management, multiple-choice exam preparation/writing, textbook reading, and more. Individual support is offered throughout the Fall/Winter terms in the drop-in Learning Help Centre, and year-round through individual counselling.

Western University is committed to a thriving campus as we deliver our courses in the mixed model of both virtual and face-to-face formats. We encourage you to check out the Digital Student Experience website to manage your academics and well-being: <https://www.uwo.ca/se/digital/>.

Additional student-run support services are offered by the USC, <https://westernusc.ca/services/>.