

Department of Statistics
 STATISTICAL SCIENCE 2035 – 2021-22

Instructor	Sec	Day/Time	Location	email	Office/Phone (519-661-2111)
Dr. Joseph		F 3:30	EB	jo@uwo.ca	661-2111
Dr. Trevor		F 3:30	EB	trevor@uwo.ca	661-2111

1. Prerequisite(s):

You must have completed the following courses with a grade of C or better:
 STAT 2035 or STAT 2036 or STAT 2037 or STAT 2038 or STAT 2039 or STAT 2040 or STAT 2041 or STAT 2042 or STAT 2043 or STAT 2044 or STAT 2045 or STAT 2046 or STAT 2047 or STAT 2048 or STAT 2049 or STAT 2050 or STAT 2051 or STAT 2052 or STAT 2053 or STAT 2054 or STAT 2055 or STAT 2056 or STAT 2057 or STAT 2058 or STAT 2059 or STAT 2060 or STAT 2061 or STAT 2062 or STAT 2063 or STAT 2064 or STAT 2065 or STAT 2066 or STAT 2067 or STAT 2068 or STAT 2069 or STAT 2070 or STAT 2071 or STAT 2072 or STAT 2073 or STAT 2074 or STAT 2075 or STAT 2076 or STAT 2077 or STAT 2078 or STAT 2079 or STAT 2080 or STAT 2081 or STAT 2082 or STAT 2083 or STAT 2084 or STAT 2085 or STAT 2086 or STAT 2087 or STAT 2088 or STAT 2089 or STAT 2090 or STAT 2091 or STAT 2092 or STAT 2093 or STAT 2094 or STAT 2095 or STAT 2096 or STAT 2097 or STAT 2098 or STAT 2099 or STAT 2100

Anti-requisite(s):

Students are advised not to take the following courses if they have completed the following courses:
 STAT 2035 or STAT 2036 or STAT 2037 or STAT 2038 or STAT 2039 or STAT 2040 or STAT 2041 or STAT 2042 or STAT 2043 or STAT 2044 or STAT 2045 or STAT 2046 or STAT 2047 or STAT 2048 or STAT 2049 or STAT 2050 or STAT 2051 or STAT 2052 or STAT 2053 or STAT 2054 or STAT 2055 or STAT 2056 or STAT 2057 or STAT 2058 or STAT 2059 or STAT 2060 or STAT 2061 or STAT 2062 or STAT 2063 or STAT 2064 or STAT 2065 or STAT 2066 or STAT 2067 or STAT 2068 or STAT 2069 or STAT 2070 or STAT 2071 or STAT 2072 or STAT 2073 or STAT 2074 or STAT 2075 or STAT 2076 or STAT 2077 or STAT 2078 or STAT 2079 or STAT 2080 or STAT 2081 or STAT 2082 or STAT 2083 or STAT 2084 or STAT 2085 or STAT 2086 or STAT 2087 or STAT 2088 or STAT 2089 or STAT 2090 or STAT 2091 or STAT 2092 or STAT 2093 or STAT 2094 or STAT 2095 or STAT 2096 or STAT 2097 or STAT 2098 or STAT 2099 or STAT 2100

Students are advised that they are responsible to ensure that they possess the necessary prerequisites (or have written special permission) and that de-registration may occur at any time if they lack the prerequisite or have taken an anti-requisite course.

2. Textbook

5. Course Outline (with “approximate” length of time for each chapter):

Chapter	Topics
1 – Introduction (1 week)	t ons to t t st on pts v r s n t t sur nt ntro u t on to t n us n ss n t s
2 – Charts and Graphs (1 week)	t ons to ⁴ , Fr qu n str ut ons r p n t or t r p n sur nt t rts n r p s or t o v r s r not ov r n s t on
3 – Descriptive Statistics (1.5 weeks)	t ons ³ to ⁴ , sur so ntr n spr s p so str ut ons o p o t s us n ss n t s us n s r p t v st t st s
4 – Probability (2.5 weeks)	t ons ⁴ , t o ⁴ , ntro u t on un ons n nt rs t ons t on n ut p t on s on t on pro t B s ru
5 – Discrete Distributions (2 weeks)	t ons to G n r s r t str ut ons B no o sson n H p r o tr str ut ons
6 – Continuous Distributions (2 weeks)	t ons to ⁴ , G n r ont nuous str ut ons un or n pon nt str ut ons or str ut on nor ppro t on to t no
7 – Sampling and Sampling Distributions (1 week)	t ons to ³ p n t n qu s s p n str ut ons o t s p n n o t s p proport on
8 – Inference: Estimation for Single Populations (2 weeks)	t ons to Con n nt rv s or po

6. What Are Your Going to Be Graded On? (6 things)

a) Midterm Exams

Friday November 19, 2021 -- 7 pm to 9:30 pm
 Friday, February 4, 2022 -- 7 pm to 9:30 pm

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b) Final Exam

Scheduled for the final exam period
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Cellular phones, iPods, and other similar technology are *not* permitted in the exam room.
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You will also need a non-programmable calculator for all exams/in-class tests.

c) In-class Quizzes

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 v r st r to ss on t o o n **MONDAYS:**

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- u p s str r t t t **start** o t ss n ou v nut s to o p t
 t ss n qu st ons **do NOT** be late for class on these dates; no extra time will be given
- The quizzes will be **DIFFERENT** for each section of the course (they are not common quizzes, so you **MUST** go to the classroom of your official section on the day of the quiz)
- qu s ons sto qu st ons or r q t t JE u u q

d). Adaptive Learning Question Sets

is a tool that provides a personalized learning experience for each student. It uses algorithms to adapt the content and difficulty of the questions based on the student's performance. This helps students learn at their own pace and focus on areas where they need more practice.

What Are They?

- They are a type of adaptive learning tool that uses algorithms to adapt the content and difficulty of the questions based on the student's performance.
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e). Clicker Participation

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9. Student Absences

Academic Consideration for Student Absences

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10. Accommodation and Accessibility

Accommodation Policies

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