

STAT 331: Applied Linear Models

LEC 001 Tuesday & Thursday, 8:30-10:00, MC 4061

Professor

Chong Zhang

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Office Hours: Wed 9:00-10:00 or by appointment

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LEC 002 Monday, Wednesday, 2:30-4:00, MC 2017

Professor

Yeying Zhu

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Teaching Assistants

XiaoMei Yu

Office Hours: Monday, 1:00-2:00

Yilei Wu

Office Hours: Tuesday, 1:00-2:00

Yuying Xie

Office Hours: Wednesday, 10:00-11:00

Zhe Li

Office Hours: Thursday, 3:00-4:00

Lin Qin

Office Hours: Friday, 12:00-1:00

COURSE DESCRIPTION

- Recommended Text: Introduction to Regression Modeling, Bovas Abraham and Johannes Ledolter, 2006
- Coverage: Selected topics from Chapter 1 to Chapter 11 of the recommended textbook and some supplement materials
- Course Web Page: Available through <http://learn.uwaterloo.ca> for the purpose of distributing course notes, assignments, solutions, and announcements. Please ensure your email settings are up to date so that you receive messages sent to the class.
- Tutorial: Tutorials will be notified in Learn and in classes at least one week in advance.

ASSESSMENT

The course grade will be based on three equally weighted assignments (15%), two term tests (30%) and a final examination (55%).

Assignments

- All assignments have to use the cover page provided in Learn. The assignments due dates are 12:00pm on Wednesday October 1, October 29, and November 19. Drop boxes are located across the hall from MC 4065/4066. Please submit your assignment to the correct slot based on your course, section, and last name. The assignments will be posted at least one week prior to the due dates.
- Late or Missed Submissions: Unless prior arrangements are made, no late assignments will be accepted and a grade of zero will be awarded. Any arrangements for extenuating circumstances are at the discretion of the instructor.

- Rules for Group Work in Assignments: Students may discuss assignments but each student must submit his/her own unique solution, code, results and interpretations.
- Retrieving Marked Assignments: Assignments will be returned in class. Following that, they may be collected during the instructor's office hours.
- Requests for Re-grading: If, after reviewing the posted solutions, you feel your assignment has an incorrect grade you are entitled to request a re-grade. You must put your request in writing with a brief explanation and submit it in person to the instructor.

Term Tests

There will be two term tests held from 5:30-7:00 pm on Thursday October 9 and Thursday November 13. The tests will both be held in RCH 112, RCH 204, RCH 302 and RCH 307. Room assignments will be announced via the course webpage. If you have a conflict with the test time you must inform your instructor at least two weeks before the examination. The cut offs for content covered on the test will be announced in class. Term tests are worth 30% of the final grade. Whichever test a student earns a higher grade on will be worth 20% of the final grade and the lower scoring test will be worth 10% of the final grade.

Final Examination

The final examination will be scheduled by the Registrar's Office and held during the University Exam Period (December 4 – December 19). Arrangements for students with official conflicts will be handled on a case by case basis. Student travel plans are not considered acceptable grounds for granting an alternative examination time.

- Incompletes: Students who miss the exam for a valid, documented reason will only be awarded a grade of incomplete (INC) if they have a passing grade (>50%) on the average of two midterms going in to the final exam.

POLICIES

- Attendance: Students are responsible for all material covered and announcements made during lectures and tutorials. In the event that a student is absent from class they are advised to consult with a classmate to determine what material was missed.
- Cell phones: Should be set to silent and out of sight.
- Accommodation due to Illness: A completed University of Waterloo Verification of Illness form must be submitted to the instructor within two business days of a missed examination or assignment. It is preferable that this form be completed by a Health Services doctor. In verified cases the weight of the missed assessment will be moved to the final exam.

Academic Integrity: In order to maintain a culture of academic integrity, members of the University of Waterloo community are expected to promote honesty, trust, fairness, respect and responsibility. [Check www.uwaterloo.ca/academicintegrity/ for more information.]

Grievance: A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read Policy 70, Student Petitions and Grievances, Section 4, <http://www.adm.uwaterloo.ca/infosec/Policies/policy70.htm>. When in doubt please be certain to contact the department's administrative assistant who will provide further assistance.

Discipline: A student is expected to know what constitutes academic integrity to avoid committing academic offenses and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offense, or who needs help in learning how to avoid offenses (e.g., plagiarism, cheating) or about "rules" for group work/collaboration should seek guidance from the course professor, academic advisor, or the undergraduate associate dean. For information on categories of offenses and types of penalties, students should refer to Policy 71, Student Discipline, <http://www.adm.uwaterloo.ca/infosec/Policies/policy71.htm>. For typical penalties check Guidelines for the Assessment of Penalties, <http://www.adm.uwaterloo.ca/infosec/guidelines/penaltyguidelines.htm>.

Appeals: A decision made or penalty imposed under Policy 70, Student Petitions and Grievances (other than a petition) or Policy 71, Student Discipline may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to Policy 72, Student Appeals, <http://www.adm.uwaterloo.ca/infosec/Policies/policy72.htm>.

Note for students with disabilities: The Office for Persons with Disabilities (OPD), located in Needles Hall, Room 1132, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with the OPD at the beginning of each academic term.