PUBH 7405, SECTION 001

Biostatistics Regression
Fall 2019

COURSE & CONTACT INFORMATION

Credits: 4
Meeting Day(s): Mondays and Wednesdays
Meeting Time: 10:10 – 12:05
Meeting Place: Mayo & Additions 3-100

Instructor: Chap T. Le, Distinguished Professor of Biostatistics
Email: chap@umn.edu
Office Phone: 612-624-9963
Fax: 612-626-0660
Office Hours: 1:15 – 2:15 Monday – Thursday
Office Location: A441 Mayo

COURSE DESCRIPTION

The course will cover standard topics in simple and multiple linear regression: models in matrix notation; diagnostics and remedies; ordinary and weighted least squares; model building; biomedical applications.

COURSE PREREQUISITES

Graduate student in Biostatistics or related fields; at least one course in applied statistics; some background in calculus and matrix algebra, and some familiarity with SAS and/or other computer packages.

COURSE GOALS & OBJECTIVES

To master the methods of correlation and multiple regression in biostatistics and their applications

METHODS OF INSTRUCTION AND WORK EXPECTATIONS

Instruction consists mostly of formal lectures plus one hour of lab on SAS computation

COURSE TEXT & READINGS

See Course's Web Page

COURSE OUTLINE/WEEKLY SCHEDULE

See Course's Web Page: http://www.biostat.umn.edu/~chap/pubh7405

SPH AND UNIVERSITY POLICIES & RESOURCES

The School of Public Health maintains up-to-date information about resources available to students, as well as formal course policies, on our website at www.sph.umn.edu/student-policies/. Students are expected to read and understand all policy information available at this link and are encouraged to make use of the resources available.

The University of Minnesota has official policies, including but not limited to the following:
- Grade definitions
- Scholastic dishonesty
- Makeup work for legitimate absences
- Student conduct code
- Sexual harassment, sexual assault, stalking and relationship violence
- Equity, diversity, equal employment opportunity, and affirmative action
- Disability services
- Academic freedom and responsibility

Resources available for students include:
- Confidential mental health services
- Disability accommodations
- Housing and financial instability resources
- Technology help
- Academic support

EVALUATION & GRADING

There are two in-class exams, plus a group presentation.

Grading Scale
The University uses plus and minus grading on a 4.000 cumulative grade point scale in accordance with the following, and you can expect the grade lines to be drawn as follows:

% In Class	Grade	GPA
93 - 100%	A	4.000
90 - 92%	A-	3.667
87 - 89%	B+	3.333
83 - 86%	B	3.000
80 - 82%	B-	2.667
77 - 79%	C+	2.333
73 - 76%	C	2.000
70 - 72%	C-	1.667
67 - 69%	D+	1.333
63 - 66%	D	1.000
< 62%	F	

- A = achievement that is outstanding relative to the level necessary to meet course requirements.
- B = achievement that is significantly above the level necessary to meet course requirements.
- C = achievement that meets the course requirements in every respect.

- D = achievement that is worthy of credit even though it fails to meet fully the course requirements.
- F = failure because work was either (1) completed but at a level of achievement that is not worthy of credit or (2) was not completed and there was no agreement between the instructor and the student that the student would be awarded an I (Incomplete).
- S = achievement that is satisfactory, which is equivalent to a C- or better
- N = achievement that is not satisfactory and signifies that the work was either 1) completed but at a level that is not worthy of credit, or 2) not completed and there was no agreement between the instructor and student that the student would receive an I (Incomplete).

Evaluation/Grading Policy	Evaluation/Grading Policy Description
Scholastic Dishonesty, Plagiarism, Cheating, etc.	You are expected to do your own academic work and cite sources as necessary. Failing to do so is scholastic dishonesty. Scholastic dishonesty means plagiarizing; cheating on assignments or examinations; engaging in unauthorized collaboration on academic work; taking, acquiring, or using test materials without faculty permission; submitting false or incomplete records of academic achievement; acting alone or in cooperation with another to falsify records or to obtain dishonestly grades, honors, awards, or professional endorsement; altering, forging, or misusing a University academic record; or fabricating or falsifying data, research procedures, or data analysis (As defined in the Student Conduct Code). For additional information, please see https://z.umn.edu/dishonesty

The Office for Student Conduct and Academic Integrity has compiled a useful list of Frequently Asked Questions pertaining to scholastic dishonesty: https://z.umn.edu/integrity.

If you have additional questions, please clarify with your instructor. Your instructor can respond to your specific questions regarding what would constitute scholastic dishonesty in the context of a particular class-e.g., whether collaboration on assignments is permitted, requirements and methods for citing sources, if electronic aids are permitted or prohibited during an exam.

Indiana University offers a clear description of plagiarism and an online quiz to check your understanding (http://z.umn.edu/iuplagiarism). |
Late Assignments	No late homework are accepted
Attendance Requirements	Absence without permission, for lecture and lab, are not permitted. In case of illness, write instructor – or TA – before class time.
Extra Credit	None.