PUBH 7470, SECTION 001

Study Designs in Biomedical Research
Fall 2019

COURSE & CONTACT INFORMATION
Credits: 3
Meeting Day(s): Tuesdays and Thursdays
Meeting Time: 11:15 – 12:30
Meeting Place: Moos Tower 1-435

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

COURSE DESCRIPTION
The course will cover selected topics from Statistical Methods for Translational and Clinical Research

COURSE PREREQUISITES
One year of course works in Biostatistics or Statistics.

COURSE GOALS & OBJECTIVES
To master selected topics from Statistical Methods for Translational and Clinical Research.

METHODS OF INSTRUCTION AND WORK EXPECTATIONS
Instruction consists mostly of formal lectures plus some student presentations.

COURSE TEXT & READINGS
See Course’s Web Page

COURSE OUTLINE/WEEKLY SCHEDULE
See Course’s Web Page: http://www.biostat.umn.edu/~chap/pubh7470B
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/](http://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:

<table>
<thead>
<tr>
<th>% In Class</th>
<th>Grade</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>93 - 100%</td>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>90 - 92%</td>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>87 - 89%</td>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>83 - 86%</td>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>80 - 82%</td>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>77 - 79%</td>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>73 - 76%</td>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>70 - 72%</td>
<td>C-</td>
<td>1.67</td>
</tr>
<tr>
<td>67 - 69%</td>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>63 - 66%</td>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>&lt; 62%</td>
<td>F</td>
<td></td>
</tr>
</tbody>
</table>

- 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).

<table>
<thead>
<tr>
<th>Evaluation/Grading Policy</th>
<th>Evaluation/Grading Policy Description</th>
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<tbody>
<tr>
<td>Scholastic Dishonesty, Plagiarism, Cheating, etc.</td>
<td>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 <a href="https://z.umn.edu/dishonesty">https://z.umn.edu/dishonesty</a>. The Office for Student Conduct and Academic Integrity has compiled a useful list of Frequently Asked Questions pertaining to scholastic dishonesty: <a href="https://z.umn.edu/integrity">https://z.umn.edu/integrity</a>. 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 (<a href="http://z.umn.edu/iuplagiarism">http://z.umn.edu/iuplagiarism</a>).</td>
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<tr>
<td>Late Assignments</td>
<td>Allowed with advance notice</td>
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<tr>
<td>Attendance Requirements</td>
<td>You fail the course if miss class 4 or more times</td>
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<td>Extra Credit</td>
<td>None</td>
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