

Syllabus

I. Course Description

Course Title: Stats 7 - Basic Statistics

Lecture: Tuesdays & Thursdays, 1 - 3:50 p.m., via Zoom

- Before attending your first lecture, you must register for our Zoom lecture here using your UCI email address: <https://uci.zoom.us/meeting/register/tJcqfumorDlpGN2bBKG7n5KVpJBPJz8lz6bP> (<https://uci.zoom.us/meeting/register/tJcqfumorDlpGN2bBKG7n5KVpJBPJz8lz6bP>)

Discussion Lab: Fridays, 1 - 1:50 p.m., via Zoom

- Before attending your first discussion lab, you must register for your Zoom lab room using your UCI email address: <https://uci.zoom.us/meeting/register/tJUrd--orzgtH9GlpfwIJvYspxMdh8-iVyy> (<https://uci.zoom.us/meeting/register/tJUrd--orzgtH9GlpfwIJvYspxMdh8-iVyy>)

Instructor: Mary Ryan, PhD Candidate, Department of Statistics

Email: marymr@uci.edu (<mailto:marymr@uci.edu>)

Office Hours: Tuesdays & Thursdays, 4 - 5 p.m., via Zoom (<https://uci.zoom.us/j/96094867385?pwd=Wk9rVTlwMUJxNVF2OGlpcEZYtjJBUT09> (<https://uci.zoom.us/j/96094867385?pwd=Wk9rVTlwMUJxNVF2OGlpcEZYtjJBUT09>)), and by appointment

Teaching Assistant: Kyle Conniff, PhD Student, Department of Statistics

Email: krconnif@uci.edu (<mailto:krconnif@uci.edu>)

Office Hours: Wednesdays, 11 a.m. - noon and Sundays 7:30 - 8:30 p.m., via Zoom (<https://uci.zoom.us/j/98310767208?pwd=YWhrTXF5UU5NZS84SXY5aEZnTDFhUT09> (<https://uci.zoom.us/j/98310767208?pwd=YWhrTXF5UU5NZS84SXY5aEZnTDFhUT09>))

Teaching Assistant: Jenifer Rim, PhD Student, Department of Statistics

Email: jsrim@uci.edu (<mailto:jsrim@uci.edu>)

Office Hours: Fridays 2 - 4pm via Zoom (<https://uci.zoom.us/j/97882724906>
(<https://uci.zoom.us/j/97882724906>.)

II. Learning Objectives/Pedagogical Goals

Upon successful completion of the course, students should be able to:

- analyze and present data
- understand the basic design of and be able to evaluate experimental and observational studies
- have a basic understanding of fundamental probability principles and processes, and how they might appear in the real world
- identify and use appropriate statistical tools to answer and explore scientific questions
- be able to draw appropriate contextual conclusions based on results from statistical tools

III. Course Requirements

Computer and Internet Connection

You will need to have access to a computer or smart device with an Internet connection in order to study remotely this quarter. We will host live online meetings, so you it is recommended that you have access to a computer and earbud headphones with mic to [participate in a voice chat meeting](https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting) (<https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting>). Webcams are encouraged but are not required. You can also join the meeting via the [zoom app](https://support.zoom.us/hc/en-us/sections/200305413-Mobile) (<https://support.zoom.us/hc/en-us/sections/200305413-Mobile>) installed on your smartphone. Our Zoom lectures/discussions require you to register beforehand with your UCI email address (<https://uci.zoom.us/meeting/register/tJcqfumorDIpGN2bBKG7n5KVpJBPJz8lz6bP> (<https://uci.zoom.us/meeting/register/tJcqfumorDIpGN2bBKG7n5KVpJBPJz8lz6bP>)). You will also need to sign into your UCI Zoom account (go to: uci.zoom.us/ (<http://uci.zoom.us/>)) to attend lectures/discussions.

Access to the EEE+ Canvas Course space

Students are expected to login to Canvas space every day. It is a student's responsibility to get familiar with the [Canvas features](https://community.canvaslms.com/community/answers/guides/canvas-guide/getting-started/pages/student) (<https://community.canvaslms.com/community/answers/guides/canvas-guide/getting-started/pages/student>) as the course materials and assignments will be delivered via the [EEE+ Canvas](https://canvas.eee.uci.edu/) (<https://canvas.eee.uci.edu/>) system. Please visit the [Canvas student](#)

[support page](https://community.canvaslms.com/docs/DOC-10554-how-do-i-get-help-with-canvas-as-a-student) (<https://community.canvaslms.com/docs/DOC-10554-how-do-i-get-help-with-canvas-as-a-student>) to find out how to reach for help. You can also contact the OIT Help Desk at oit@uci.edu or call (949) 824-2222 for assistance.

Update the Canvas Setting and Notification (Required!)

UCI students are given a UCI gmail account, but it may not be accessible in certain countries. Thus, it is very important you update the Canvas [settings](https://community.canvaslms.com/docs/DOC-10614-4212710341) (<https://community.canvaslms.com/docs/DOC-10614-4212710341>) and [notifications](https://community.canvaslms.com/docs/DOC-10624-4212710344) (<https://community.canvaslms.com/docs/DOC-10624-4212710344>) to ensure you receive the important messages and announcements from your instructor. Click on “setting” to add another email address and/or a cell phone number to receive notifications. Click on “notification” to configure how you receive Canvas notifications.

IV. Textbook

Recommended Textbook: OpenIntro Statistics, 4th Edition, by David Diez, Mine Cetinkaya-Rundel, and Christopher Barr (<https://leanpub.com/openintro-statistics> (<https://leanpub.com/openintro-statistics>).

V. Assignments, Exams, and Grading

Video Quizzes & Surveys (5%)

Before each live Zoom lecture I will post short videos on topics we will be covering more deeply in the next lecture. Students are expected to demonstrate that they have viewed the content by participating in the video check-in questions. I will also post two surveys at the beginning and middle of the course. The first is meant to get to know you and determine any technology issues we may have; the second is to gain feedback on how the course is progressing. Both surveys are graded for completion.

Discussion Labs (15%)

Weekly lab assignments will be opened on Thursdays at 4 p.m. and will be due the following Tuesday at 12.59 p.m., before live lecture. It is best to work on these assignments in groups during the scheduled discussion lab on Fridays at 1 p.m., but there is extra time to work on the assignment if you have a scheduling conflict. These are meant to be exploratory assignments, where you develop a deeper understanding of the material we've covered in lectures. As such, I don't expect you to always get the correct answer; as long as effort has been put forth, you will receive full credit.

Homework (25%)

Weekly homework assignments will be opened on Tuesdays at 1 p.m. and will be due the following Tuesday at 12.59 p.m., before live lecture. These assignments are meant to give you practice at concepts we've discussed in lecture and explored in lab. You may consult with other students for homework assignments but I expect the work you turn in to be your own. Make sure you understand solutions and synthesize answers in your own words. Answer copying will not be tolerated.

Midterm Exam (25%)

The midterm exam will be held Tuesday, Aug. 18, 1 - 3:50 p.m. If you have a scheduling conflict, email me at marymr@uci.edu (<mailto:marymr@uci.edu>) as soon as possible.

Final Exam (30%)

The final exam will be held Tuesday, Sept. 8, 1 - 3:50 p.m. If you have a scheduling conflict, email me at marymr@uci.edu (<mailto:marymr@uci.edu>) as soon as possible.

Grading Scale

Course grades will be based on the weights above, and letter grades will be awarded based on the grading scale below:

Grade	Percentage
A+	97 – 100%
A	93 – 96%
A-	90 – 92%
B+	87 – 89%
B	83 – 86%
B-	80 – 82%
C+	77 – 79%
C	73 – 76%
C-	70 – 72%
D+	67 – 69%
D	63 – 66%
D-	60 – 62%

F	Below 60%
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VI. Course Policies

Attendance Policy

I do not take attendance for this course. Due to the various timezones students may be studying from or varying work schedules students may have, attending a live Zoom lecture or discussion lab may not always be feasible. All live Zoom lecture sessions will be recorded and later posted to the Canvas website. Discussion labs will not be recorded. I strongly encourage students to attend live lectures and labs when possible as you can fully take advantage of in-class exercises, ask questions, and participate in discussions. In addition, scheduled lecture and lab sessions is time set aside each week for you to complete assigned work. All students are responsible for keeping track of assignments and watching video content, regardless of whether they attend live Zoom sessions.

Late Homework Policy

Late work will be docked 20% for every day that it is late (i.e., work that is turned in 2 hours after the deadline will automatically have 20% taken off). All work received, no matter when it is turned in, will receive feedback.

Communication Expectations

Your instructor will respond to emails within 24 hours during the business day. Students can also ask a question on the Q & A discussion board, so both your instructor and other classmates can help answer it.

Class Discussion Policy

During class discussions - whether those be via Zoom or on the discussion boards - it is of the utmost importance that we work together to create a classroom environment where everyone can feel equally welcome and valued. By enrolling in this course, you too are collaborating in making this commitment to inclusivity with your instructor and TAs. Please refrain from using derogatory language. Remain aware of privileges you may have and leave space in the discussion for many voices. Always respect the correct pronoun use and names of your classmates. *Intentionally hurtful, hateful, or aggressive language or acts aimed at any one group, demographic, or other members of the course will not be tolerated.*

Netiquette for Remote Learning

“**Netiquette** [\(http://www.albion.com/netiquette/\)](http://www.albion.com/netiquette/)” is network etiquette, the do's and don'ts of online communication. Netiquette covers both common courtesy online and the informal “rules of the road” of cyberspace. The students are expected to follow the **Netiquette Guidelines for Remote Learning** [. \(https://docs.google.com/document/d/1GPLJiT66rnKSsElo2kMi-_8ZPB1bCGIxWitZbaTtWKg/edit?usp=sharing\)](https://docs.google.com/document/d/1GPLJiT66rnKSsElo2kMi-_8ZPB1bCGIxWitZbaTtWKg/edit?usp=sharing).

Homework/Assignment Honesty Policy

Although you are encouraged to study with other students and to discuss homework with them, you are each expected to do your own work. If you are assigned a problem that has an answer in the student solutions manual or the back of the book, you are expected to write the solution in your own words, not copy it from the book. And if solutions exist on a website somewhere (such as, but not limited to, Chegg, Course Hero, or Reddit) it is a violation of the honesty policy to copy them. Students found to be in violation of academic integrity will receive a 0 for the assignment and will be reported to the Office of Academic Integrity & Student Conduct.

Academic Integrity

UCI is an institution of learning, research, and scholarship that is strengthened by the existence of an environment of integrity. As members of the academic community, students are responsible for maintaining this environment, and subscribe to the practice of academic integrity and accept individual responsibility for their work and actions. Violations of academic integrity are unacceptable and will not be tolerated, because they devalue the teaching and learning experience for the entire community. Observing basic honesty in one's work, words, ideas, and actions is a principle to which all members of the community are required to subscribe. For more information, please visit <https://aisc.uci.edu/students/academic-integrity/index.php> [. \(https://aisc.uci.edu/students/academic-integrity/index.php\)](https://aisc.uci.edu/students/academic-integrity/index.php).

Class Withdrawal Policy

It is the student's responsibility to officially drop/withdraw from any courses before the deadline posted by the university's registrar's office. Please refer to UCI's academic calendar <http://www.reg.uci.edu/enrollment/withdrawals/> [. \(http://www.reg.uci.edu/enrollment/withdrawals/\)](http://www.reg.uci.edu/enrollment/withdrawals/) for the withdrawal policy, procedure, and refunded schedule.

Diversity Statement

The University of California, Irvine, in accordance with applicable Federal and State law and University policy, does not discriminate on the basis of race, color, national origin, religion, sex, gender identity, pregnancy, physical or mental disability, medical condition

(cancer-related or genetic characteristics), ancestry, marital status, age, sexual orientation, citizenship, or service in the uniformed services. The University also prohibits sexual harassment. This nondiscrimination policy covers admission, access, and treatment in University programs and activities.

Disability Statement

The University of California, Irvine, is committed to providing a barrier-free environment for learning and an electronic environment that is accessible to everyone, including individuals with disabilities. If you have a disability and feel you need accommodations in this program or a course, please contact the [Disability Services Center \(https://dsc.uci.edu/\)](https://dsc.uci.edu/) (DSC). DSC approved accommodations will be provided for students who present a Faculty Notification Letter from the DSC.

Third-Party Tools

Please click [here \(https://docs.google.com/spreadsheets/d/1MYn-yZujUMCitVRX47zRIleBsidZfIH1R7GXaHNmZ0U/edit?usp=sharing\)](https://docs.google.com/spreadsheets/d/1MYn-yZujUMCitVRX47zRIleBsidZfIH1R7GXaHNmZ0U/edit?usp=sharing) for information regarding the accessibility statements and the privacy statements.

Copyrights

This course is provided by The University of California, which has [policies regarding copyright \(http://copyright.universityofcalifornia.edu/resources/systemwide-resources.html\)](http://copyright.universityofcalifornia.edu/resources/systemwide-resources.html). Materials used in connection with this course may be subject to copyright protection. Refer to the information provided in each video/file/module/unit for copyright information for each work. The course content related video/file/module/unit was created to be used in compliance with the TEACH Act. 17 U.S.C. §110(2).

VII. Student Support Resources

UCI Learn Anywhere

Remote learning resources for UCI students provided by DTEI and OIT is available at [https://sites.uci.edu/learnanywhere/ \(https://sites.uci.edu/learnanywhere/\)](https://sites.uci.edu/learnanywhere/).

Technical Support

Contact the OIT helpdesk at oit@uci.edu or call (949) 824-2222 for all technical support and training needs.

UCI Wellness, Health, and Counseling

For more information, please visit <https://studentaffairs.uci.edu/>

[\(https://studentaffairs.uci.edu/\)](https://studentaffairs.uci.edu/).

Wellness Consulting Services

Visit the UCI Counseling Center website at <http://www.counseling.uci.edu/>
[\(http://www.counseling.uci.edu/\)](http://www.counseling.uci.edu/).