PSTAT 130 - SAS Base Programming Syllabus

Winter 2020

Instructor

Claire Mouminoux: clairemouminoux@ucsb.edu
Office hours: 10:00-11:30 Monday & Wednesday Old Gym 1201 (+ Feb 18)
Lectures: M & W: 8:00-9:15 CHEM 1171

Teaching Assistant

Zhuoli Jin: zhuoli_jin@ucsb.edu
Office hours: 14:00-16:00 Tuesday SH 6432C
Sections: M 17:00-17:50 Phelps 1525 & R 8:00-8:50 SSMS 1304

Yulei Yuan: yuleiyuan@umail.ucsb.edu
Office hours: 14:00-16:00 Monday SH 5431N
Sections: M 10:00-10:50 SSMS 1302 & R 13:00-13:50 Phelps 1525

Global Information

Attending the lecture is a fundamental part of the course. You are responsible for material presented in the lecture whether or not it is discussed in the textbook. You should expect questions on the exams to test your understanding of concepts discussed in the lecture *and* in the text/notes.

PSTAT 130 is a SAS programming course. Topics include importing and exporting raw data files, manipulating and transforming data, combining SAS data sets, generating reports and handling syntax and logic errors. Students may opt, independently, to take the SAS Institute Certified Professional (Base Programming Examination) at the end of the quarter.

Do not send text messages/ use social media during class.
When encountering any coding problems, try to fix on your own - view lecture notes, or google errormessages. We will be glad to answer any question if you don't understand.

Useful Links and textbook

- www.sas.com/en_us/home.html
- support.sas.com/en/support-home.html

- Google in general
- The Little SAS Book: A Primer

Important!

- **GauchoSpace**: gauchospace.ucsb.edu. Includes course announcements, homework, lecture material, the course calendar, and up-to-date information about your grades.
- **Piazza**: piazza.com/ucsb/winter2020/pstat130. Personal email will not be taken into account, questions have to be submitted during office hours, *exceptionnal* appointment or piazza interface.

Grade policy

- **Quizzes**: Weekly quizzes will be given in section and will be based on the lectures material.

- **Midterm exam**: There will be one midterm exam, tentatively given on February 19th during class. Students will not be allowed to take makeup exams.

- **Homework**: One homework will be assigned at the half of the quarter (see GauchoSpace for more info). Fils will be submitted on gauchospace. You will be solving practical problem using SAS. You will have to submit your SAS code and the output. You will have an entire week to do it. Note that this only homework will take you time to prepare.

- **Final exam**: The final exam is on March 20th. Note that as an instructor, I am not authorized to change the time of a final exam. You are responsible for arranging your courses such that your final exams will not conflict or fall in rapid succession of each other.

Grading

Your cumulative average will be based on whichever of the following two weighted averages is better.

Scheme 1	Weight
Quizzes	10%
Homework	20%
Midterm	25%
Final Exam	45%

Scheme 2	Weight
Quizzes	10%
Homework	20%
Final Exam	70%

Your course grade will be determined by your cumulative average at the end of the term and will be based on the following scale:

Grade	Percentage in Course
A	100 – 93.00
A–	92.99 – 90.00
B+	89.99 – 87.00
B	86.99 – 83.00
B–	82.99 – 80.00
C+	79.99 – 77.00
C	76.99 – 73.00
C–	72.99 – 70.00
D+	69.99 – 67.00
D	66.99 – 63.00
D–	62.99 – 60.00
F	59.99 – 0

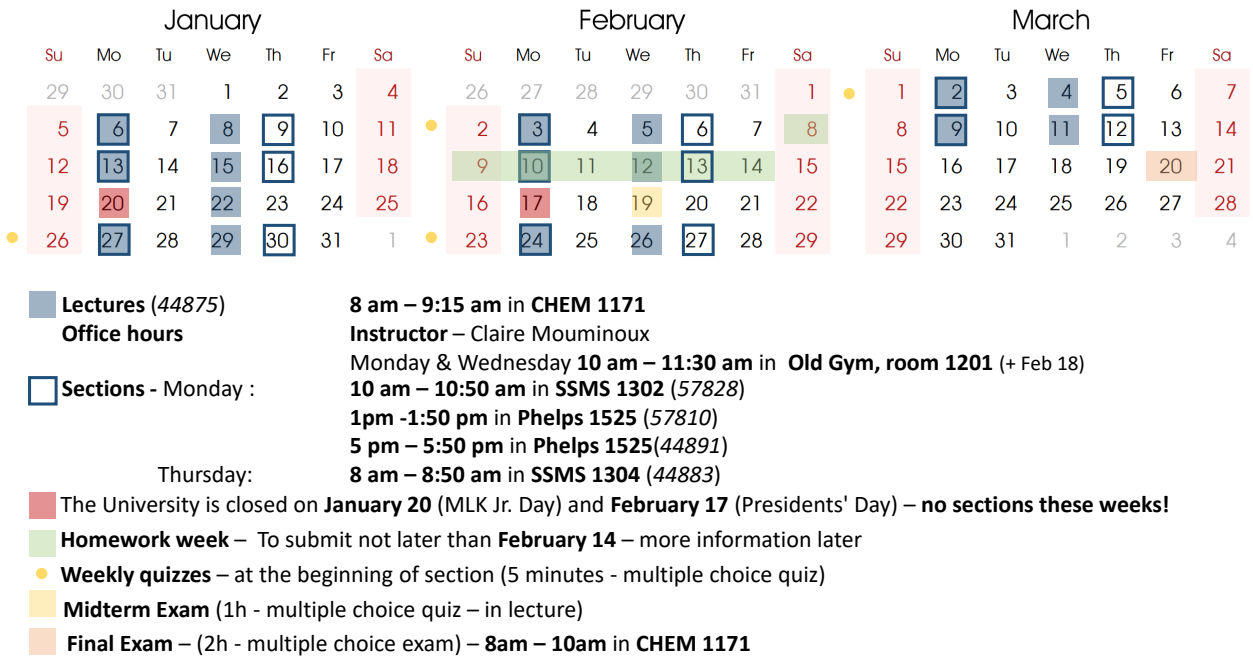
Academic Dishonesty

Academic dishonesty is considered a serious offense at UCSB. Students caught cheating shall be subject to the sanctions and other remedies described in UCSB's Academic Misconduct Policy and Procedures. It is in your best interest to maintain your academic integrity! Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation.

Others information

For section switching policy, please refer to the **Switching_Sections_Instruction** document. There is **no crashlist** and students **must** attend their first assignated section to stay enrolled.

Summary



Advice For Coding

- You need to practice a lot until you get familiar to a programming language.

- Never be afraid of errors/ bugs. No one can write code without a single error message.

- When you see an error, follow these steps:

1) Check error type. If this is a syntax error, check your code carefully.

2) For other error types, you can seek possible solutions online. There must be other people who faced same problem before.

3) Then try to discuss with a friend/ on piazza who is also learning the same programming language. He/ she might be able to solve your problem.

4) Last approach: ask your professor. Please make sure it's the last step, or you'll just get the answer without the whole learning process.