

Statistics 5740
Introduction to SAS Software
20522 (Graduate)
20591 (Undergraduate)
Autumn Semester 2017

Class Meetings: Baker Systems Room 144, Tu Th, 12:40pm – 1:35pm

Instructor: Nicole Kelbick, PhD

Contact: (614)-292-0293, kelbick.1@osu.edu

Office Hours: 435 Cockins Hall (CH), Tu/W/Th 2:15pm-3:15pm or by appointment

Grader:

Name	Pei Yang
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Prerequisites: Stat 5302 (530) or equivalent, or permission of instructor.

Enrollment: ADD and SECTION CHANGES will be processed, contingent upon availability, starting at 7am on Monday August, 28th through Tuesday, August 29th. This will be on a first-come first-served basis in 408A Cockins Hall. **The instructor does not sign any Add or Section Change forms.** Check out <https://stat.osu.edu/undergraduates/academic-programs/course-enrollment> for more detailed information regarding Add and Section Changes.

Closed Section Strategy: If the section you wish to take is closed, consider enrolling into another section that is still open. It is much easier to do a section change (and there are no late add fees either) if a space opens up. It is more complicated to do a late enrollment and the chance of succeeding is not great.

Text: *The Little SAS Book (5th edition)* by Lora D. Delwiche and Susan J. Slaughter. An ebook copy is also available on reserve at the library.

Website: Homework assignments and other relevant material will be posted on <http://www.carmen.osu.edu>. Please check the website regularly.

Software: PLEASE BRING A LAPTOP TO CLASS! SAS University will be used in this course. It will need to be downloaded and installed. Check out https://www.sas.com/en_us/software/university-edition/download-software.html# to get started on your own. Installation will also be done during class.

Course Description: To learn and utilize SAS for importing/exporting/merging data, manipulation, formatting, calculation and summarization of data, basic statistical analyses, graphical representations of data, macro programming language, output delivery system (ODS) for presentation and analyses.

Important Dates:

Weekday(s)	Date	Reason
Monday	September 4 th	Labor Day (no classes)
Thursday/Friday	October 12 th -13 th	Autumn Break (no classes)
Friday	November 10 th	Veteran's Day (no classes)
Weds/Thurs/Friday	November 22 nd -24 th	Thanksgiving Break (no classes)
Wednesday	December 6 th	Last day of classes
Friday	December 8th	Final Project Due by 3pm

Grading: Your grade will be based on homework assignments and a final project which will be determined according to the following weighting scale:

Homework	70%
Final Project	30%
Due Fri, Dec. 8 th by 3pm	<u>100%</u>

Homework: There will be 8-10 homework assignments throughout the semester that will involve programming over a variety of topics in SAS. Homework assignments will be posted on Carmen. All homework will be submitted via Carmen. Any late homework will lose points.

Final Project: In lieu of a final exam, a final project will be assigned that will entail analyzing a data set (to be provided) using the methods presented in the course. Additional information regarding this project will be given in class. **It is due Friday, December 8th, 2017 by 3pm.** Please turn it in at the instructor's office (slip under door if no one is present). Early submission is acceptable too.

Office Hours: While questions are welcome and expected during class sessions, all students should feel free to visit office hours for individual assistance with the course material. Questions regarding grades or scores will only be answered during office hours. Students unable to attend office hours may easily make an appointment to see the instructor at another time.

Communication Devices: Cell phones, PDAs and other communication devices must be either turned off or put on vibrate during class. Please refrain from texting during class as a courtesy to those sitting around you. During class, laptops will be used for programming purposes only. **PLEASE BRING A LAPTOP TO CLASS.**

Academic Misconduct: Although you are encouraged to work together, you are expected to produce independent work for homework and/or exams. Academic misconduct of any sort will not be tolerated. If students are caught indulging in dishonest activities with respect to submitted homework and final projects, they will be reported immediately, without any exception. Please review OSU's policies at <http://studentaffairs.osu.edu/csc/>.

Special Accommodation: Students with ADA-documented physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations. Veterans may also be eligible for services. All accommodations are coordinated through the Office of Disability Services (ODS) in Room 150 of Pomerene Hall, (614) 292-3307. Please contact the ODS as early in the semester as possible. You can also contact the instructor privately to discuss your specific needs.

Disclaimer: The schedule and procedures contained in this syllabus should be taken as a general guide for the course content. They are, however, **subject to change at the instructor's discretion**. Any changes will be announced in class as well as posted on CARMEN.