

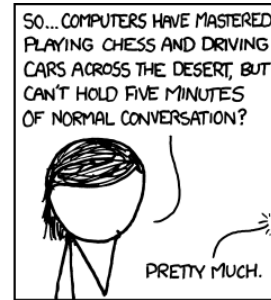
LIN4930/6932 Programming for Linguistics

Fall 2021

Tues 8:30-10:25am, Thurs 9:35-10:25am

Room: Weil 408E

Textbook: Horstmann & Necaise, Python for Everyone, 3rd. ed.
(eBook recommended)



Instructor: Sarah Moeller

Office hours: Turlington 4016
T 1-2pm & R 10:30-11:30am

Course description

This class presents techniques **computer programming** in the high level programming language Python. The students learn to address a range of problems with a specific focus on language processing and linguistics, such as the discovery of morphemes in a new languages. The class is suitable for students with little to no prior experience in computing or programming.

Goals

After the course, students should (ideally):

- ... be familiar with variables, data types, control structures, reading and writing files, functions, and basic data structures.
- ... understand basic program design and be able to independently produce small programs that perform basic generic tasks as well as specific tasks addressing questions in linguistic research
- ... be familiar with fundamental design principles in programming, including time complexity, to be able to produce sound and efficient programs, and to be able to reason about implementation choices from the point of view of elegance, program readability, and computational efficiency

Grade breakdown

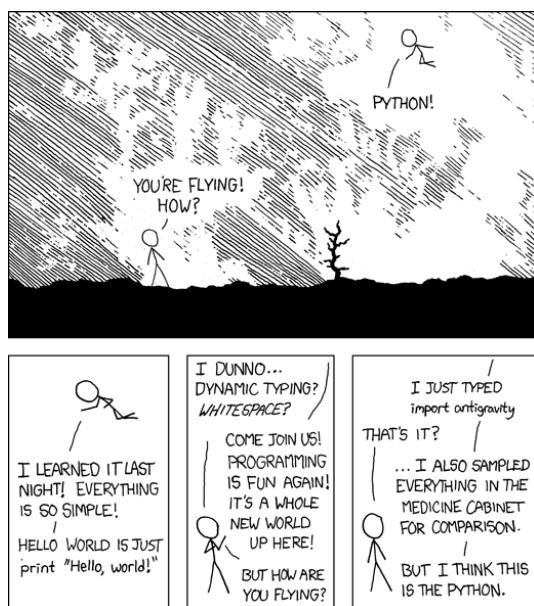
Attendance & Participation	10%
Lab assignments	15%
Midterm	15%
Final	20%
Homeworks/Final Project	40%
Total	100%

Attendance and Participation

Much of class time will be centered around exercises that stimulate thinking and help learning. Participation in these activities and in general discussions is highly encouraged.

Labs

Labs are short assignments that make reference to class material or discussion. They are usually Python programs, brief analyses of existing programs, or a check on understanding of concepts.



Late homework policy

Each student gets a total of 7 “late homework days” to use throughout the semester. You can turn in your homeworks late, no questions asked, *if and only if* you notify the instructor *before* the homework is due. How you distribute these days is up to you; for example, you might use 2 days for one homework and 5 for another. After the late homework days are used up (or if you do not notify the instructor before the next deadline), a 10% grade reduction per day will apply.

Final Project (LIN6932 only)

Students enrolled in LIN6932 design a final project due at semester end. The project must be related to linguistics and involve programming in Python. Students are *strongly* encouraged to discuss their project ideas with the instructor at least 4-6 weeks before the due date.

The fine print

ACADEMIC INTEGRITY. UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

DIGITAL DISTRACTION. When your device is displaying things irrelevant to class, you distract not only yourself but other students to whom the screen is visible. Research demonstrates that such distraction is detrimental to learning. I expect your full attention and presence, and I expect you to allow the same to others. Violation of this may result in public reprimand.

CLASSROOM CONDUCT. Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. I pledge to treat each of you with dignity, respect, and professional courtesy; I expect you to do the same for me and for each other.

ACCOMMODATION POLICIES. If you qualify for accommodations because of a disability, please submit your accommodation letter from the Disability Resource Center to me in a timely manner so that your needs can be addressed. Get started with the Disability Resource Center <https://disability.ufl.edu/students/get-started/>.

RELIGIOUS OBSERVANCES A student should inform the faculty member of the religious observances of their faith that will conflict with class attendance, with tests or examinations, or with other class activities prior to the class or occurrence of that test or activity. The faculty member is obligated to accommodate that particular student’s religious observances. See policy details at <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#religiousholidaystext>.

COURSE EVALUATIONS. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu or via ufl.bluera.com/ufl/.

GRADING POLICY. See <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>.

COVID POLICIES. We will have face-to-face instructional sessions to accomplish the student learning objectives of this course. In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

- You are required to wear approved face coverings at all times during class and within buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
- This course has been assigned a physical classroom with enough capacity to maintain physical distancing (6 feet between individuals) requirements. Please utilize designated seats and maintain appropriate spacing between students. Please do not move desks or stations.

- Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.
- Follow your instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.
- If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms](#).
- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. Find more information in the university attendance policies.