

## STA 3024 Introduction to Statistics 2

### Summer A 2025

**Instructor** Jaewoong Joo – 218 Griffin-Floyd; email: [jaewoongjoo@ufl.edu](mailto:jaewoongjoo@ufl.edu). Office Hours: Tu, Th 1:45 – 2:30 pm

**Teaching Assistant** Haidyn Sekeres – 234 Griffin Floyd; email: [haidyn.sekeres@ufl.edu](mailto:haidyn.sekeres@ufl.edu). Office Hours: M 9:00 – 11:00 am, F 9:00 – 10:00 am.

**Course Description** This course builds on the foundational concepts of STA 2023. This course covers topics including analysis of variance models, simple and multiple linear regressions, analysis of two-way contingency tables, and nonparametric statistical methods.

**Prerequisite** STA 2023 Introduction to Statistics 1 (or equivalent)

**Text** A. Agresti, C. Franklin, B. Klingenberg, *Statistics: The Art and Science of Learning from Data*, (5th Edition), Pearson. (This textbook is optional and recommended as a resource for supplementary material and practice problems).

**Grading** Your final course grade will be based on the components below, with the stated weights:

Midterm:	Thursday May 29, 12:30 – 1:45 pm; covers everything up to and including the lectures of Tuesday May 27.	40%
Final:	Comprehensive. Tuesday June 17, 12:30 – 1:45 pm.	40%
Assignments:	About 5 or 6 quizzes.	20%

A course average of 93–100 will guarantee an A, 90–92 at least an A–, 87–89 at least a B+, 83–86 at least a B, 80–82 at least a B–, etc. A minimum grade of C is required for general education credit.

### Topics

- Brief overview of topics covered in STA 2023
- One-way and two-way analysis of variance
- Simple and multiple linear regression
- Categorical data analysis
- Analysis of contingency tables using chi-squared tests
- Introduction to nonparametric inference

## General Course Policies

- All emails to the instructor *must* have the string “sta3024” in the subject line (so the instructor can retrieve emails quickly) and must be sent from your official UF mail account.
- Exams can *only* be rescheduled in cases of documented and excused absences, arranged in advance with the instructor. Refer to the University of Florida’s attendance policies at [catalog.ufl.edu](http://catalog.ufl.edu) for detailed information.
- Late submissions for assignments will be accepted up to one day late with a 80% credit. Submissions more than one day late will not be graded.
- Students requiring accommodations due to a disability need to register with the Disability Resource Center ([disability.ufl.edu](http://disability.ufl.edu), 352-392-8565). Please provide the instructor with your official accommodation letter as early as possible in the semester. Accommodations will only be provided after the letter has been received.
- An incomplete grade (“I”) may be assigned if a student has completed a portion of the course with a passing grade but is unable to complete the remaining work due to documented, serious circumstances (e.g., extended illness, personal emergency). Requests for an incomplete grade must be made prior to the end of the term. Further information on UF’s grading policy is available at [catalog.ufl.edu](http://catalog.ufl.edu).

**Course Evaluations** Students are expected to provide constructive feedback on the quality of instruction through the online evaluation system, GatorEvals ([ufl.bluer.com](http://ufl.bluer.com)), at the end of the semester. Results will be available at [gatorevals.aa.ufl.edu/public-results/](http://gatorevals.aa.ufl.edu/public-results/).