



# Stat 111

## Summer 2012

**Course Description:**

The goal of this course is to introduce basic tools for data analysis, probability, and statistical methods. Key topics covered in the course include exploratory data analysis, probability, estimation, hypothesis testing, and regression.

**Instructor:**

Yin Xia

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**Course Website:**

Canvas: <https://wharton.instructure.com/courses/406640>

All materials for this course will be distributed and managed through this website. To access Canvas, students must first obtain a Wharton computing account.

Account applications will be available online at <http://accounts.wharton.upenn.edu/>

**Lectures:**

Time: Mon, Tue, Wed, Thu, 10:40-12:15

Location: Huntsman Hall, Room F70

**Office Hours:** Monday to Thursday 1:30 to 2:30pm.

**Textbook:**

*Statistics*, Freedman, Pisani, Purves. Fourth Edition, Norton.

**Required Software:**

**JMP** software is manual to be downloaded. JMP is available in the Wharton Computer Labs (located in Huntsman Hall). Wharton and Penn students can get a license by going here: <http://upenn.onthehub.com>

**Evaluation:**

Your course grade will be calculated using the following weighting:

- 30% homework
- 10% class participation
- 20% midterm examination
- 40% final examination

**First Day of Class:** Monday, May 21, 2012

**No Class:** Monday, May 28 and May 31, 2012.

**Make Up Class for May 31:** June 8, 10:40-12:15, 2012

**Midterm Exam:** In class on Monday, June 11, 2012. The exam is closed book, but you will be allowed a **single** sided sheet of notes.

**Final Exam:** In class on the last day of classes. The exam is closed book, but you will be allowed a **double** sided sheet of notes.

**Notes about Grading:**

- All Homework will be handed out and returned twice each week. Homework is an individual assignment. It is a violation (i.e. plagiarism) of the honor code to copy the work of other students or to collaborate on the write up of an assignment. NO LATE HOMEWORK will be accepted.
- Your lowest homework score will not be used when calculating your final grade.
- No make-up midterm exam and final exam will be given. Make sure you do not have other commitments during the exams.
- Students are expected to know material from the previous classes. The instructor will sometimes give quiz about concepts discussed during the previous class. The answers will be counted toward the class participation grade.