Course Information

Course Description
This is an introductory course in probability and statistics designed to develop a good understanding of uncertain phenomena and the mathematical tools used to model, analyze, and validate hypothesis.

Contact Information
Instructor:
Mariana Olvera-Cravioto
Office: Mudd Building, Room 306
Email: molvera@ieor.columbia.edu

Teaching assistants: TBD
Course assistants: TBD

Prerequisites
Students should have a solid knowledge of calculus, including multiple variable integration.

Lectures and Office Hours
Lectures: Mondays and Wednesdays, 11:40 - 12:55 pm, Room TBD

Instructor’s Office Hours:

<table>
<thead>
<tr>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesdays</td>
<td>3:00 pm - 4:00 pm</td>
<td>Mudd 306</td>
</tr>
<tr>
<td>Thursdays</td>
<td>10:00 am - 11:00 am</td>
<td>Mudd 306</td>
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</tbody>
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Teaching Assistants’ Office Hours: TBD

Required Text

Recommended Text

Homework
There will be weekly assignments due every Wednesdays, in class. Students are encouraged to collaborate with other students in the class, as long as each person writes his/her own solutions. Copying homework from another student (past or present) is forbidden.
Graded assignments will be returned in class. Assignments not picked up in class can be picked up from the TA, who will keep them only for two weeks. After two weeks any abandoned homework will be recycled.

Exams
Instead of having a midterm there will be biweekly 15-20 minute quizzes at the end of the Wednesday lecture. Each quiz will consist of questions similar to those found in the previous weeks’ assignments (also due on that day). The quizzes will be closed book/notes/homework. You will be able to use a calculator if needed, but no lending/borrowing of calculators will be allowed. You may not use laptops or smartphones during the quizzes.

At the end of the semester the lowest quiz grade will be dropped for the final quiz average. There will also be a final exam on the date determined by the Registrar’s Office.

*Quizzes:* Wednesdays, in class.
*Final:* TBD

Grading
- 20% Homework
- 40% Quizzes
- 40% Final