

# Introduction to Statistical Computing

## Term Project

Fall 2019—DMS 106—Mon,Wed 2:30pm - 3:45pm

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### Project overview

Graduate students will complete a term research project. I encourage you to work on projects related to your graduate research, if possible. Separate rubrics and checklists will describe the standards for each item below.

### Detailed instructions and work products

For each part of the project, hand in a single assignment for the group, giving the names of all group members. Your group will share the grade for all parts of the project. Make sure to keep your own copies of submitted work as we go along.

1. Form groups up to 3 (due meeting 9): Form a group, if desired. You may work alone.
2. Present your research topic and recruit undergraduate students (due meeting 11): Give a 5-minute presentation to the class on your proposed research topic. After the talk, undergraduate students should express interest in working with any group.
3. Form the final group (due meeting 12): Submit your final group team, including graduate and undergraduate students.
4. Submit a draft report (due by meeting 26): Submit a polished draft of your project final product. This will be either a written report or a poster.
5. Present and submit your final project (due meeting 28): Present and submit project final product. This will be either a written report or a poster.

### Undergraduate participation

Undergraduate students may contribute to a project, if the graduate student(s) agree to direct and supervise their work. Undergraduate students will serve as “research assistants” with budget of no more than an average of 1 - 2 hours of work a week. In return, any undergraduate student will have to option to replace a midterm grade (60 points) with the graduate student group’s evaluation grade. Also, I will ask undergraduate students to evaluate projects and vote towards the “best in class” project.

Item #	Task	Due by (meeting number)	Max Points
1	Announce grad group	9/25/19 (9)	5
2	Project proposal talk	10/2/19 (11)	5
3	Announce final group	10/7/19 (12)	5
4	Submit near final draft	12/2/19 (27)	15
5	Submit final project	12/4/19 (28)	80
6	Print final poster	12/5/19 (NA)	0
7	Present final project	12/9/19 (29)	40
Total	Total project points	NA	150