

## PSYC 5411 – ADVANCED REGRESSION

<b>Course</b>	Advanced Regression
<b>Instructor</b>	Cecilia Jorgenson
<b>Term</b>	Winter 2020
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<b>Office Hours</b>	Wednesday 1:00 – 2:00 PM or by appointment

### COURSE DESCRIPTION/INSTRUCTOR'S STATEMENT

The goal of this course is to provide students with a foundational understanding of the theory and concepts of linear regression analysis. Additionally, this course aims to develop students' ability to appropriately apply linear regression methods to empirical data. There is an aim for a balance between mathematical and applied components of regression analysis, and we will spend time working out statistical problems using both hand calculations and software.

### EVALUATION

Problem Sets: 5 worth 10% each (50% total)

Midterm Exam: 20%

Final Exam: 30%

### TEXT

Darlington, R.B. & Hayes, A. H. (2017). *Regression Analysis and Linear Models*. The Guilford Press. New York.