

PSYC 5410 – ADVANCED ANALYSIS OF VARIANCE

Course	Advanced Analysis of Variance
Instructor	Cecilia Jorgenson
Term	Fall 2019
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Office Location	214E SSRB
Office Hours	Monday 1:00 - 2:00 PM or by appointment

COURSE DESCRIPTION/INSTRUCTOR'S STATEMENT

This course will provide students with an in-depth understanding of the univariate Analysis of Variance (ANOVA). Topics will include hypothesis testing, Type-I error, Type-II error, power, ANOVA assumptions, the general linear model, one-way ANOVA, factorial ANOVA, post-hoc analyses, contrasts, between- and within-participant designs, ANCOVA and non-parametric techniques.

EVALUATION

Weekly Assignments: 70%

Final Exam: 30%

TEXT

Gonzalez, R. (2009). Data Analysis for Experimental Design. The Guilford Press: New York, NY.