

Spring 13 Advanced Topics/400 Level Course Description

830:400:01 Advanced Statistical Methods in Psychology **Professor Robert Karlin** **ARC 110, TTH4 (1:40-3:00pm)**

Prerequisites: 830:200

Overview:

This course is meant to prepare students for graduate level statistics and to teach them data analytic skills. Along with some advanced statistical techniques, we will go over the techniques used in the introductory course with the goal of conceptual mastery. Further, SPSS, a popular program used in many graduate programs, as a tool for data analysis, will be learned as part of the course. Finally, students will have the opportunity to mentor 830:200 students. The combination of theoretical statistical sophistication, ability to do data analysis with SPSS and experience teaching statistics is expected to help students both appear and actually be ready for graduate school in Psychology.