

Approved Substitutions for Statistics Courses

Currently, the Department of Psychology is not offering any graduate statistics classes. The purpose of this document is to provide approved alternative courses students may take to substitute for the following courses: PSY 6340, 6350, 6360, and 6370. This plan is applicable to all currently matriculated behavior analysis psychology doctoral students who have not yet completed Area 5 “Research Methods” or their Research Tools as of Fall 2020, and masters’ level students interested in taking a statistic course(s) as an elective.

For more information on the BA MA requirements, please refer to **page 13 of the BA handbook**.

For more information on the BA PhD requirements, please refer to **pages 20 – 21 in the BA handbook**.

Original Course	Approved Course Substitutions
PSY 6340 – Experimental Design & Analysis I	STAT 5670 – Statistical Design & Analysis of Experiments EMR 6450 – Data Analytics I: Design Studies
PSY 6350 – Correlation and Regression	STAT 5680 – Regression Analysis EMR 6650 – Data Analytics II: Correlation Studies
PSY 6360 PSY 6370	STAT 5630 – Sample Survey Methods STAT 6030 – Fundamentals of Biostatistics STAT 6050 – Fundamentals of Clinical Trials STAT 6620 – Applied Linear Models STAT 6640 – Applied Mixed Models EMR 6410 – Fundamentals of Measurement in the Behavioral Sciences EMR 6500 – Survey Research EMR 6550 – Experimental and Quasi-Experimental Design for Applied Research EMR 6650 – GLM EMR 6710 – SEM EMR 6850 – HLM

	Original Course Number	Approved Substitutions
Area 5: Research Methods 2 classes (6 credits)	PSY 6080 – Research Methods in Applied Behavior Analysis	N/A
	PSY 6340* – Experimental Design and Analysis I	STAT 5670 – Statistical Design & Analysis of Experiments <u>OR</u> EMR 6450 – Data Analytics I: Design Studies

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Research Tools	Concentration	Original Courses	Approved Substitutions
<i>Students must complete two research tools. Both of the listed options in the row must be completed for one research tool. Grouped tools indicate possible combinations. Other research tools may be petitioned. No class may count in more than one research tool.</i>	Research support	PSY 6920 and PSY 6080	N/A
	Statistics concentration 1	PSY 6340* and PSY 6350*	STAT 5670 <u>OR</u> EMR 6450 AND STAT 5680 <u>OR</u> EMR 6650
	Research support 2	PSY 6920 and PSY 6340*	PSY 6920 AND STAT 5670 <u>OR</u> EMR 6450 STAT 5680 <u>OR</u> EMR 6650
	Statistics concentration 2	PSY 6350* and PSY 6360*	AND See list of approved alternatives for PSY 6360 above
	Research methods	PSY 6080 and PSY 6340*	PSY 6080 AND STAT 5670 <u>OR</u> EMR 6450