

## Recommended COURSE SEQUENCING for PASS – Statistics for Social Science

Please use this document as a guide to help you determine a reasonable sequence for the courses you need to complete your PASS. Retain this document for planning, and use it as a checklist to keep track of your work. For the PASS - Statistics for Social Sciences, you must take the nine (9) required courses and five (5) elective courses. Prior to taking courses in Group B, you must take the required courses in Group A. Before taking any courses in Group C, you must take any required courses in Group B, plus any Group B electives you may choose, and so on. Within a group, the order in which you take courses is not so important, except for courses explicitly numbered in sequence.

Group A		Course Date	Group D		Course Date
<input type="checkbox"/>	<b>Intro to Assessment/Measurement in Educ</b>	<b>Required</b>	<input type="checkbox"/>	<b>Multivariate Statistics</b>	<b>Required</b>
<input type="checkbox"/>	<b>Survey Design and Sampling Procedures</b>	<b>Required</b>	<input type="checkbox"/>	Advanced Logistic Regression	Elective
<input type="checkbox"/>	<b>Introduction to Statistical Modeling</b>	<b>Required</b>	<input type="checkbox"/>	Bootstrap Methods	Elective
<input type="checkbox"/>	<b>Matrix Algebra Review</b>	<b>Required</b>	<input type="checkbox"/>	Categorical Data – Applied Modeling	Elective
<input type="checkbox"/>	Introduction to Resampling Methods	Elective	<input type="checkbox"/>	Generalized Linear Models	Elective
<b>Group B</b>			<input type="checkbox"/>	Introduction to Structural Equation Modeling	Elective
<input type="checkbox"/>	<b>Survey Analysis</b>	<b>Required</b>	<input type="checkbox"/>	Many-Facet Rasch Measurement	Elective
<b>Group C</b>			<input type="checkbox"/>	Missing Data Analysis	Elective
<input type="checkbox"/>	<b>Categorical Data Analysis</b>	<b>Required</b>	<input type="checkbox"/>	Modeling Count Data	Elective
<input type="checkbox"/>	<b>Logistic Regression</b>	<b>Required</b>	<input type="checkbox"/>	Practical Rasch Measurement – Further Topics	Elective
<input type="checkbox"/>	Sample Size and Power Determination	Elective	<input type="checkbox"/>	Rasch Application in Clinical Assessment	Elective
<input type="checkbox"/>	Meta Analysis	Elective	<input type="checkbox"/>	Maximum Likelihood Estimation	Elective
<input type="checkbox"/>	Meta Analysis 2	Elective	<b>Group E</b>		
<input type="checkbox"/>	Practical Rasch Measurement – Core Topics	Elective	<input type="checkbox"/>	<b>Principal Components and Factor Analysis</b>	<b>Required</b>
			<input type="checkbox"/>	Analysis of Survey Data from Complex Sample Designs	Elective
			<input type="checkbox"/>	Mixed and Hierarchical Linear Models	Elective
			<input type="checkbox"/>	Modeling Longitudinal and Panel Data	Elective
			<input type="checkbox"/>	Advanced Structural Equation Modeling	Elective

Be certain to check back at statistics.com for updates to your PASS. Required courses are fixed for each candidate at the time of enrollment in the program. Updates will not affect your program requirements, but you may wish to take any new courses that are added.