

## Recommended COURSE SEQUENCING for PASS-Biostatistics (Controlled Trials)

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 Biostatistics (Controlled Trials), you must take the twelve (12) required courses and two (2) additional 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 (e.g. Biostatistics 1 and 2).

<b>GROUP A</b>		<b>Course Date</b>			<b>Course Date</b>
<input type="checkbox"/>	<b>Biostatistics 1</b>	<b>Required</b>	<input type="checkbox"/>	<b>Logistic Regression</b>	<b>Required</b>
<input type="checkbox"/>	<b>Biostatistics 2</b>	<b>Required</b>	<input type="checkbox"/>	Advanced Survival Analysis	Elective
<input type="checkbox"/>	<b>Regression Analysis</b>	<b>Required</b>	<input type="checkbox"/>	Survey Analysis	Elective
<b>GROUP B</b>			<b>GROUP D</b>		
<input type="checkbox"/>	<b>Intro to Statistical Issues in Clinical Trials</b>	<b>Required</b>	<input type="checkbox"/>	<b>Adaptive Designs for Clinical Trials</b>	<b>Required</b>
<input type="checkbox"/>	<b>Sample Size and Power Determination</b>	<b>Required</b>	<input type="checkbox"/>	<b>Safety Monitoring Committees in Clinical Trials</b>	<b>Required</b>
<input type="checkbox"/>	<b>Survival Analysis</b>	<b>Required</b>	<input type="checkbox"/>	Advanced Logistic Regression	Elective
<input type="checkbox"/>	Survey Design and Sampling Procedures	Elective	<input type="checkbox"/>	Avoiding Selection Bias in Randomized Clinical Trials	Elective
<input type="checkbox"/>	Introduction to Bayesian Statistics	Elective	<input type="checkbox"/>	Meta Analysis	Elective
<input type="checkbox"/>	Biostatistics in R: Clinical Trial Applications	Elective	<input type="checkbox"/>	Meta Analysis 2	Elective
<b>GROUP C</b>			<b>GROUP E</b>		
<input type="checkbox"/>	<b>Categorical Data Analysis</b>	<b>Required</b>	<input type="checkbox"/>	Analysis and Sensitivity Analysis for Missing Data	Elective
<input type="checkbox"/>	<b>Clinical Trials – Pharmacokinetics (PK)</b>		<input type="checkbox"/>	Missing Data Analysis	Elective
	<b>&amp; Bioequivalence</b>	<b>Required</b>	<input type="checkbox"/>	Modeling Count Data	Elective
<input type="checkbox"/>	<b>Matrix Algebra Review</b>	<b>Required</b>	<input type="checkbox"/>	Modeling Longitudinal and Panel Data	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.