

Recommended COURSE SEQUENCING for PASS-Biostatistics (Epidemiology)

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 (Epidemiology), you must take the ten (10) required courses and four (4) 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).

GROUP A		Course Date	GROUP D		Course Date
<input type="checkbox"/>	Biostatistics 1	Required	<input type="checkbox"/>	Logistic Regression	Required
<input type="checkbox"/>	Biostatistics 2	Required	<input type="checkbox"/>	Categorical Data Analysis	Required
			<input type="checkbox"/>	Advanced Survival Analysis	Elective
			<input type="checkbox"/>	Cluster Analysis	Elective
			<input type="checkbox"/>	Meta Analysis	Elective
			<input type="checkbox"/>	Meta Analysis 2	Elective
			<input type="checkbox"/>	Missing Data Analysis	Elective
			<input type="checkbox"/>	Spatial Statistics with Geographic Information Systems	Elective
GROUP B			GROUP E		
<input type="checkbox"/>	Epi 1: Fundamentals of Epidemiology	Required	<input type="checkbox"/>	Modeling Count Data	Elective
<input type="checkbox"/>	Epi 2: Designing Epidemiologic Studies	Required	<input type="checkbox"/>	Modeling Longitudinal and Panel Data	Elective
<input type="checkbox"/>	Epi 3: Analysis of Epidemiologic Data	Required	<input type="checkbox"/>	Advanced Logistic Regression	Elective
<input type="checkbox"/>	Introduction to Statistical Modeling	Elective			
<input type="checkbox"/>	Sample Size and Power Determination	Elective			
<input type="checkbox"/>	Introduction to Bayesian Statistics	Elective			
<input type="checkbox"/>	Survey Analysis	Elective			
<input type="checkbox"/>	Survey Design and Sampling Procedures	Elective			
GROUP C			GROUP F		
<input type="checkbox"/>	Survival Analysis	Required	<input type="checkbox"/>	Analysis and Sensitivity Analysis for Missing Data	Elective
<input type="checkbox"/>	Matrix Algebra Review	Required	<input type="checkbox"/>	Categorical Data – Applied Modeling	Elective
<input type="checkbox"/>	Maximum Likelihood Estimation	Elective	<input type="checkbox"/>	Modeling in R	Elective
<input type="checkbox"/>	Multivariate Statistics	Elective	<input type="checkbox"/>	Programming in R	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.