

Recommended COURSE SEQUENCING for PASS- Using R

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 Data Mining, you must take the six (6) required courses and six (6) 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.

GROUP A		Course Date		Course Date		
<input type="checkbox"/>	Introduction to R – Statistical Analysis	Required	<input type="checkbox"/>	Statistical Analysis of Microarray Data with R	Elective	_____
<input type="checkbox"/>	Introduction to R – Data Handling	Required	<input type="checkbox"/>	Spatial Analysis in R	Elective	_____
GROUP B			<input type="checkbox"/>	Introduction to Support Vector Machines in R	Elective	_____
<input type="checkbox"/>	Modeling in R	Required	<input type="checkbox"/>	Bootstrap Methods	Elective	_____
<input type="checkbox"/>	Programming in R	Required	<input type="checkbox"/>	Biostatistics in R: Clinical Trial Applications	Elective	_____
<input type="checkbox"/>	Data Mining in R	Elective	<input type="checkbox"/>	Logistic Regression	Elective	_____
<input type="checkbox"/>	Probability Distributions	Elective	<input type="checkbox"/>	Generalized Linear Models (GLM)	Elective	_____
<input type="checkbox"/>	Resampling	Elective	<input type="checkbox"/>	Visualization in R with ggplot2	Elective	_____
GROUP C			GROUP D			
<input type="checkbox"/>	Graphics in R	Required	<input type="checkbox"/>	Modeling Count Data	Elective	_____
<input type="checkbox"/>	Programming in R – Advanced	Required	<input type="checkbox"/>	Smoothing with P-splines (Using 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.