

Recommended COURSE SEQUENCING for PASS-Data Mining

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. Within a group, the order in which you take courses is not so important, except that “Introduction to Data Mining” should be taken before “Data Mining: Unsupervised Techniques”.

GROUP A		Course Date			Course Date		
<input type="checkbox"/>	Interactive Data Visualization	Required	_____	<input type="checkbox"/>	Data Mining Practicum – SAS Enterprise Miner	Elective	_____
<input type="checkbox"/>	Regression Analysis	Required	_____	<input type="checkbox"/>	Data Mining Practicum – Statistica	Elective	_____
GROUP B				<input type="checkbox"/>	Decision Trees and Rule-Based Segmentation	Elective	_____
<input type="checkbox"/>	Introduction to Data Mining	Required	_____	<input type="checkbox"/>	Introduction to Support Vector Machines in R	Elective	_____
<input type="checkbox"/>	Data Mining: Unsupervised Techniques	Required	_____	<input type="checkbox"/>	Missing Data Analysis	Elective	_____
<input type="checkbox"/>	Matrix Algebra Review	Required	_____	<input type="checkbox"/>	Spatial Statistics with Geographic Info Systems	Elective	_____
GROUP C				<input type="checkbox"/>	Statistical Analysis of Microarray Data with R	Elective	_____
<input type="checkbox"/>	Logistic Regression	Required	_____	<input type="checkbox"/>	Text Mining	Elective	_____
<input type="checkbox"/>	Cluster Analysis	Elective	_____	GROUP D			
<input type="checkbox"/>	Data Mining Mistakes & How to Avoid Them	Elective	_____	<input type="checkbox"/>	Natural Language Processing	Elective	_____
<input type="checkbox"/>	Data Mining in R	Elective	_____	<input type="checkbox"/>	Sentiment Analysis	Elective	_____
				<input type="checkbox"/>	Spatial Analysis 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.