Northwest Missouri State University
School of Computer Science and Information Systems
Data Sciences Business Emphasis
Comprehensive Major - No Minor Required
Bachelor of Science

First Year

First Trimester			Second Trimester		
44-130	Computers and Info Tech	3	44-141	Computer Programming I	3
51-201	Accounting I	3	10-112	Composition II	3
17-120	Calculus I	4	17-114	General Statistics	3
10-111	Composition I	3		Life Science/Lab	4
77-101	University Seminar	1	29-102	Fund of Oral Communication	3
Total Hours		14	Total Hours		16

Second Year

First Trimester			Second Trimester		
44-241	Computer Programming II	3	17-318	Linear Statistics Models II	3
17-316	Linear Statistics Models I	3		American Experiences	3
17-311	Linear Algebra	3	52-150	Macroeconomics*	3
34-102	Intro to American Govt. & Politics	3	51-201	Accounting II	3
44-155	Intro. To Data Sci. & Data Mining	3		Physical Science and Lab	4
Total Hours		15	Total Hours		16

Third Year

First Trimester			Second Trimester		
44-413	Visualization	3	08-103	General Psychology*	3
44-460	Database Systems	3	39-275	Professional Ethics	3
52-151	Principles of Microeconomics	3	44-317	Management Info Systems	3
54-313	Principles of Management	3	55-330	Principles of Marketing	3
10-220	Intro. to Literature	3		Western Experiences	3
			53-311	Business Law I	3
Total Hours		15	Total Hours		18

Fourth Year

First Trimester			Second Trimester		
54-315	Operations Management	3		Fine Arts	3
53-324	Fundamentals of Business Finance	3		Elective - Advisor Approved	3
55-438	International Business	3	10-220	Elective - Advisor Approved	3
17-356/611	Data Mining with Applications	3	52-458	Forecasting Business Conditions	3
	Elective - Advisor Approved	3	54-417	Org. Policy & Decision Making	3
Total Hours		15	Total Hours		15

This sample plan is a supplement to your Degree Audit. Consult your advisor on a regular basis for individual academic planning.

*- Recommended Social Behavioral Core course