Northwest Missouri State University Booth School of Business Data Sciences: Business Emphasis Comprehensive Major – No Minor Required Bachelor of Science

## 79 Credit Hours in the Major 120 Total Credit Hours to Graduate

This Four-Year Plan is meant to supplement your **Degree Audit**. You should work with your academic advisor on a regular basis for individual academic planning.

**Milestone courses** are courses which, if not taken in the appropriate semester, can delay graduation. Milestone courses are denoted in yellow below.

First Year					
First Semester			Second Sem		
10-111	Composition I	3	10-112	Composition II	3
17-120	Calculus I	4	17-114	General Statistics	3
44-130	Computers and Information Technology	3	44-141	Computer Programming I	3
51-201	Accounting I	3		Life Science & Lab	4
77-101	University Seminar	1	29-102	Fundamentals of Oral Communication	3
Total Hours		14	Total Hours		16
Second Year					
First Semester			Second Semester		
44-241	Computer Programming II	3	17-318	Linear Statistics Models II	3
17-316	Linear Statistics Models I	3	34-102	Intro to American Government & Politics	3
33-155/156	The United States to 1877/Since 1877	3	52-150	Principles of Macroeconomics	3
17-111	Linear Algebra	3	51-202	Accounting II	3
44-155	Intro to Data Science & Data Mining	3		Physical Science & Lab	4
Total Hours		15	Total Hours		16
Third Year					
First Semester	•		Second Sem	ester	
44-413	Visualization	3		Social and Behavioral Sciences Choice	3
44-460	Database Systems	3	39-275	Professional Ethics (Humanities 1)	3
52-151	Principles of Microeconomics	3	44-317	Management Information Systems	3
54-313	Principles of Management	3	55-330	Principles of Marketing	3
10-220	Introduction to Literature	3		Fine Arts Choice	3
			53-311	Business Law I	3
Total Hours		15	Total Hours		18
		_	•		
Fourth Year					
First Semester			Second Sem	ester	
54-315	Operations Management	3		Humanities Choice 2	3
53-324	Fundamentals of Business Finance	3	1	Elective – Advisor Approved	3
55-438	International Business	3		Elective – Advisor Approved	3
17-356/611	Data Mining with Applications	3	54-417	Strategy and Decision Making	3
1, 330,011	Elective – Advisor Approved	3	52-451	Econometrics	3
Total Hours		15	Total Hours	Leonometrics	15
Total Hours		13	Total Hours		13

Updated Fall 2022