

**Student Name:**
**Student ID#:**
**Date:**

Starting Year:	2023 Starting Freshman	Take In	Completed	Remaining
Major(s):	Data Analytics			
Minor:				

Notes:	Take In	Completed	Remaining

**ENG 0900: Developmental Composition 3 cr. \_\_\_\_\_ MTH 0980: Developmental Mathematics 3 cr. \_\_\_\_\_**

Credits earned for these classes DO NOT apply toward degree requirements

FALL - FRESHMAN					FALL - JUNIOR				
ENG 1150	Composition I			3	CS 3140	Programming for Data Analysis (MIS 1500)			3
FDN 1110	Student Success Seminar			1	FIN 3010	Financial Management (ACC 2415)			3
MGT 2300	Principles of Management			3	MKT 2080	Principles of Marketing			3
MIS 1250	Foundations of Data Analytics I			3	MTH 2870	Linear Algebra and Matrix Theory			3
OPS 1100	Intro to Operations Management			3	MTH 3150	Data Science for Informed Decision Making (MIS 1500, MTH 2310)			3
PHL 1100	Philosophy of American Life & Business			3	<b>SPRING</b>				
<b>SPRING</b>					MTH 3450	Data Mining for Business Analytics (MTH 3150)			3
ECN 2210	Principles of Microeconomics			3	MIS 3350	Adv. Database Mgt. & Visualizations for Analytics (MIS 3200)			3
ENG 1200	Composition II (ENG 1150)			3	PHL 3100	Ethics (60 crs.)			3
FDN 1300	Student Leadership Seminar			1	HIS	History [Western Civilization Recommended]			3
MIS 1350	Foundations of Data Analytics II (MIS 1250)			3	CHOICE	PSC 2010 Intro to American Government Recommended			3
MTH 1150	College Algebra			3	<b>FALL - SENIOR</b>				
OPS 1200	Business Process Management			3	MTH 4500	Forecasting and Simulation Techniques for Business Enterprise (MTH 3150)			3
<b>FALL - SOPHOMORE</b>					MIS 4100	Machine Learning Techniques for Applied Predictive Modeling (MTH 3450)			3
ACC 2410	Fundamentals of Financial Accounting			3	LAW 3000	Business Law I			3
MIS 2140	Programming I			3	MGT 4250	Organizational Behavior (MGT 2300) (SEE *SIE BELOW)			3
ECN 2220	Principles of Macroeconomics			3	NSC	Natural Science [Environmental Science Recommended]			3
FDN 2250	Blueprint for Success			1	<b>SPRING</b>				
MIS 1500	Business Productivity Software			3	MIS 4300	Data Analytics Capstone Project (MTH 3450, MIS 4100)			3
MTH 2310	Statistics I (MIS 1500, MTH 1150)			3	MIS 4200	Essentials of Big Data & Cloud Computing (MTH 3150)			3
<b>SPRING</b>					ECN 4010	Economics of Public Policy (ECN 2210, 60 credits)			3
ACC 2415	Fund. of Managerial Accounting (ACC 2410)			3	MGT 4800	Strategic Planning (90 crs, MGT 2300, FIN 3010/3210)			3
MIS 2100	Visual Analytics for Business Intelligence			3	CHOICE	Optional			
MIS 3200	Database Design and Implementation			3	<b>LOWER LEVEL HOURS COMPLETED</b> 0				
MTH 3340	Statistics II (MTH 2310)			3	<b>UPPER LEVEL HOURS COMPLETED</b> 0				
SPC 2050	Speech			3	<b>LOWER LEVEL HOURS REMAINING</b> 63				
					<b>UPPER LEVEL HOURS REMAINING</b> 57				
<b>TOTAL HOURS COMPLETED</b> 0					<b>TOTAL HOURS REMAINING</b> 120				

Taking Courses off-sequence will delay timely degree completion. Students required to take developmental courses (ENG 0900 & MTH 0980) will automatically be off sequence. These courses are required, but do not count towards degree completion. It is the student's responsibility to consult with an Academic Advisor to ensure timely degree completion.

\*\* Students who are required to complete internships will complete after their Junior year with Department Chair approval.

A minor consists of 18 credits (6 courses) in a defined discipline. Three of these courses (9 credits) must be at the 3000/4000 level and 6 credits must be taken at Northwood University. Some minors require specific coursework. Contact your Academic Advisor for programs that require specific coursework.

\*SIE (Semester in Europe) Course Substitutions: Courses that are taken by students who participate in the Semester in Europe program. Students interested in this program should not take these courses prior to SIE. They will take these courses during Semester in Europe. See an Academic Advisor if you have questions.

Northwood University is devoted to continuous improvement of all programs and reserves the right to revise all curriculum guides or academic programs.

These enhancements could cause changes in your program of study. This curriculum guide reflects what is correct at the time of publication.