BACHELOR OF SCIENCE DEGREE

Student Name:
Student ID#:
Date:

Starting Year:	2026 Starting Freshman
Major(s):	Data Analytics
Minor	

Notes:

		Take in	Completed	Remaining
FALL - FRESHMAN				
ENG 1150	Composition I			3
LDR 1110	The NU Experience			1
MIS 1500	Business Productivity Software			3
MIS 1250	Foundations of Data Analytics I			3
OPS 1100	Intro to Operations Management			3
PHL 1100	Philosophy of American Life & Business			3
SPRING				
ECN 2210	Principles of Microeconomics			3
ENG 1200	Composition II *(ENG 1150)*			3
LDR 1300	Professional Branding & Planning			1
MIS 1350	Foundations of Data Analytics II *(MIS 1250)*			3
MTH 1150	College Algebra			3
OPS 1200	Business Process Management *(OPS 1100)*			3
FALL - SOPHOMORE				
ACC 2410	Fundamentals of Financial Accounting			3
MIS 2140	Programming I			3
ECN 2220	Principles of Macroeconomics			3
LDR 2250	Emerging Leaders			1
MGT 2300	Principles of Management			3
MTH 2310	Statistics I *(MIS 1500, MTH 1150)*			3
SPRING				
ACC 2415	Fund. of Managerial Accounting *(ACC 2410)*			3
MIS 2100	Visual Analytics for Business Intelligence			3
MIS 3200	Database Design and Implementation *(MIS 1500)*			3
MTH 3340	Statistics II *(MTH 2310)*			3
SPC 2050	Speech Communications			3
	LOWER LEVEL HOURS COMPLETED		**0**	
	LOWER LEVEL HOURS REMAINING			**63**
	TOTAL HOURS COMPLETED			**0**

		Take in	Completed	Remaining
FALL - JUNIOR				
CS 3140	Programming for Data Analysis *(MIS 1500 and MIS 2140)*			3
FIN 3010	Financial Management *(ACC 2415)*			3
MKT 2080	Principles of Marketing			3
MTH 2870	Linear Algebra and Matrix Theory			3
MTH 3150	Data Science for Informed Decision Making *(MIS 1500, MTH 2310)*			3
SPRING				
MTH 3450	Data Mining for Business Analytics *(MTH 3150)*			3
CHOICE	*PSC 2010 Intro to American Government Recommended*			3
HIS 2100	Foundations of the Modern World I			3
MIS 3350	Adv. Database Mgt. & Visualizations for Analytics *(MIS 3200)*			3
PHL 3100	Ethics *(60 crs.)*			3
FALL - SENIOR				
LAW 3000	Business Law I			3
MGT 4250	Organizational Behavior *(MGT 2300) (SEE *SIE BELOW)*			3
MIS 4100	Mach Learning for Predictive Modeling			3
MTH 4500	Forecasting & Sim Techniq for Bus Enterp (MTH 3150			3
NSC 2100	Environmental Science			3
SPRING				
MIS 4300	Data Analytics Capstone Project *(MTH 3450, MIS 4100)*			3
ECN 4010	Economics of Public Policy *(60 crs., ECN 2210)*			3
MGT 4800	Strategic Planning *(90 crs, MGT 2300, FIN 3010/3210)*			3
MIS 4200	Essentials of Big Data & Cloud Computing *(MTH 3150)*			3
CHOICE	Optional			
	UPPER LEVEL HOURS COMPLETED		**0**	
	UPPER LEVEL HOURS REMAINING			**57**
	TOTAL HOURS REMAINING			**120**

Taking Courses off-sequence will delay timely 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.

8/24/2026