NORTHWOOD UNIVERSITY

BACHELOR OF SCIENCE DEGREE (BS/MBA)

Student Name:

Student ID#:

Date:

		Take in	Completed	Remaining
Starting Year:	2026 Starting Freshman			
Major(s):	Data Analytics			
Minor				

		Take in	Completed	Remaining
Notes:				

FALL - FIRST YEAR				
ENG 1150	Composition I			3
LDR 1110	The NU Experience			1
MIS 1250	Foundations of Data Analytics I			3
MIS 1500	Business Productivity Software			3
MTH 1100	Finite Math ***OR***			
MTH 1150	College Algebra			3
OPS 1100	Introduction 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
MGT 2300	Principles of Management			3
MIS 1350	Foundations of Data Analytics II *(MIS 1250)*			3
MTH 2310	Statistics I *(MIS 1500, MTH 1100/MTH 1150)*			3
OPS 1200	Business Process Management *(OPS 1100)*			3
FALL - SECOND YEAR				
ACC 2410	Fundamentals of Financial Accounting			3
ECN 2220	Principles of Macroeconomics			3
LDR 2250	Emerging Leaders			1
MIS 2140	Programming I			3
MKT 2080	Principles of Marketing			3
MTH 3150	Data Science for Informed Decision Making *(MIS 1500, MTH 2310)*			3
MTH 2870	Linear Algebra and Matrix Theory			3
SPRING				
ACC 2415	Fundamentals of Managerial Accounting *(ACC 2410)*			3
LAW 3000	Business Law I			3
MIS 2100	Visual Analytics for Business Intelligence			3
MIS 3200	Database Design & Implementation *(MIS 1500)*			3
MTH 3450	Data Mining for Business Analytics *(MTH 3150)*			3
SPC 2050	Speech Communications			3
	LOWER LEVEL HOURS COMPLETED		**0**	
	LOWER LEVEL HOURS REMAINING			**75**
	TOTAL HOURS COMPLETED			**0**

FALL - THIRD YEAR				
CS 3140	Programming for Data Analysis *(MIS 1500 and MIS 2140)*			3
FIN 3010	Financial Management *(ACC 2415)*			3
MTH 3340	Statistics II *(MTH 2310)*			3
PHL 3100	Ethics *(60 crs. completed)*			3
MTH 4500	Forecasting and Simulation Techniques for Business Enterprise *(MTH 3150)*			3
MIS 4100	Machine Learning Techniques for Applied Predictive Modeling *(MTH 3450)*			3
SPRING				
ECN 4010	Economics of Public Policy *(ECN 2210, 60 credits)*			3
MGT 4250	Organizational Behavior *(MGT 2300) (SEE* ***SIE** BELOW)*			3
MGT 4800	Strategic Planning *(MGT 2300, FIN 3010 or 3210)*			3
MIS 3350	Adv. Database Mgt. & Visualizations for Analytics *(MIS 3200)*			3
MIS 4200	Essentials of Big Data & Cloud Computing *(MTH 3150)*			3
MIS 4300	Data Analytics Capstone Project *(MTH 3450, MIS 4100)*			3
SUMMER OR COMPRESSED COURSES				
HIS 2100	Foundations of the Modern World I			3
NSC 2100	Environmental Science			3
MIS 3990	Internship *(See * in notes section)*			3
	UPPER LEVEL HOURS COMPLETED		**0**	
	UPPER LEVEL HOURS REMAINING			**45**
	TOTAL HOURS REMAINING			**120**

Notes:

A maximum of 19 credits are to be taken in a semester.

Any courses taken in a compressed or summer session are at student's expense.

In the DeVos MBA program, students develop business acumen, critical thinking, and personal effectiveness. To fully prepare for the study of business acumen concepts at the graduate level, Northwood recommends that students in the four-year Bachelor/Masters program take the following elective courses: **MTH 3100 Calculus I, MTH 3340 Statistics II, MKT 3050 Consumer Behavior, MKT 4230 Marketing Research, ECN 3000 International Trade and FIN 4010 International Finance.**

In the DeVos MBA program, students develop personal effectiveness during class meetings as well as through work in groups. To accelerate the learning in this area, Northwood recommends that students in the four-year BS/MBA program take **SOC 3500 Cultural Anthropology.**

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.

*A credit-bearing internship is required prior to starting the MBA program. All internships must be approved by the Chair of your specific program.

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