



## BACHELOR OF SCIENCE DEGREE (BS/MBA)

Student Name:

Student ID#:

Date:

Starting Year:	2024 Starting Freshman	Take In	Completed	Remaining	Notes:	Take In	Completed	Remaining	
Major(s):	Information Systems and Cybersecurity								
Minor:									
<b>FALL - FIRST YEAR</b>					<b>FALL - THIRD YEAR</b>				
ENG 1150	Composition I			3	CYB 3950	Advanced Operational Security (CYB 3300)			3
LDR 1110	The NU Experience			1	CYB 4100	Ethical Hacking (CYB 3200, CYB 3300)			3
MGT 2300	Principles of Management			3	FIN 3010	Financial Management (ACC 2415)			3
MIS 1110	Introduction to Management Information Systems			3	LAW 3000	Business Law I			3
MIS 2140	Programming I			3	MIS 3400	Systems Analysis and Design			3
MKT 2080	Principles of Marketing			3	PHL 3100	Ethics			3
PHL 1100	Philosophy of American Life & Business			3	<b>SPRING</b>				
<b>SPRING</b>					CYB 4000	Digital Forensics (CYB 3000)			3
ECN 2210	Principles of Microeconomics			3	ECN 4010	Economics of Public Policy			3
ENG 1200	Composition II (ENG 1150)			3	MGT 4250	Organizational Behavior (MGT 2300) (SEE *SIE BELOW)			3
LDR 1300	Professional Branding & Planning			1	MGT 4800	Strategic Planning (MGT 2300, FIN 3010 OR 3210)			3
MTH 1100	Finite Math <b>OR</b>				MIS 4500	Technology Senior Project (All majors courses)			3
MTH 1150	College Algebra			3	MTH 3400	Introduction to Data Science			3
MIS 1300	Information Technology Infrastructure			3	<b>SUMMER or COMPRESSED COURSES</b>				
MIS 1500	Business Process Productivity Software			3	HIS	History [Western Civilization Recommended] (SEE *SIE BELOW)			3
MIS 2150	Programming II (MIS 2140)			3	NSC	Natural Science [Environmental Science Recommended]			3
<b>FALL - SECOND YEAR</b>					MIS 3990	Internship (See * in notes section)			3
ACC 2410	Fundamentals of Financial Accounting			3	<b>Notes:</b>				
CYB 2150	Scripting (MIS 2140)			3	A maximum of 19 credits are to be taken in a semester.				
CYB 2300	Advanced Networking Systems (MIS 1300)			3	Any courses taken in a compressed or summer session are at student's expense.				
CYB 3000	Cryptography and Current Trends (MIS 1300)			3	<ul style="list-style-type: none"> <li>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 BBA/MBA program take the following elective courses: <b>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.</b></li> </ul>				
CYB 3200	Network Security (MIS 1300)			3	<ul style="list-style-type: none"> <li>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 BBA/MBA program take <b>SOC 3500 Cultural Anthropology.</b></li> </ul>				
ECN 2220	Principles of Macroeconomics			3					
LDR 2250	Emerging Leaders			1					
<b>SPRING</b>									
ACC 2415	Fundamentals of Managerial Accounting (ACC 2410)			3					
CYB 2100	Cybersecurity Principles			3					
CYB 3300	Physical and Operational Security (MIS 1300)			3					
CYB 3800	Information Security (MIS 1500)			3					
MTH 2310	Statistics I (MIS 1500, MTH 1100/MTH 1150)			3					
SPC 2050	Speech			3					
<b>LOWER LEVEL HOURS COMPLETED</b>				<b>0</b>	<b>UPPER LEVEL HOURS COMPLETED</b>				<b>0</b>
<b>LOWER LEVEL HOURS REMAINING</b>				<b>75</b>	<b>UPPER LEVEL HOURS REMAINING</b>				<b>45</b>
<b>TOTAL HOURS COMPLETED</b>				<b>0</b>	<b>TOTAL HOURS REMAINING</b>				<b>120</b>

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.