



# BACHELOR OF SCIENCE DEGREE (BS/MBA)

Student Name:

Student ID#:

Date:

Starting Year:	2023 Starting Freshman	Take In	Completed	Remaining	Notes:	Take In	Completed	Remaining
Major(s):	Information Systems and Cybersecurity							
Minor								

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

Credits earned for these classes DO NOT apply toward degree requirements

FALL - FIRST YEAR				FALL - THIRD YEAR					
ENG 1150	Composition I		3	CYB 3950	Advanced Operational Security (CYB 3300)		3		
FDN 1110	Student Success Seminar		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		
FDN 1300	Student Leadership Seminar		1	MGT 4800	Strategic Planning (MGT 2300, FIN 3010 OR 3210)		3		
MTH 1100	Finite Math OR			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> 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 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>  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>					
CYB 2150	Scripting (MIS 2140)		3						
CYB 2300	Advanced Networking Systems (MIS 1300)		3						
CYB 3000	Cryptography and Current Trends (MIS 1300)		3						
CYB 3200	Network Security (MIS 1300)		3						
ECN 2220	Principles of Macroeconomics		3						
FDN 2250	Blueprint for Success		1						
<b>SPRING</b>									
ACC 2415	Fundamentals of Managerial Accounting (ACC 2410)		3						
CYB 2350	Software in Cybersecurity Management (MIS1300)		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. 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.

\*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.