



BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Student Name:

Student ID#:

Date:

Notes:

Starting Year:	2024 Starting Freshman	Take In	Completed	Remaining
Major(s):	Cybersecurity Management			
Minor:	Management Information Systems			

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				
MIS 1110	Introduction to Management Information Systems			3					3
ENG 1150	Composition I			3	CYB 3200	Network Security (MIS 1300)			3
FDN 1110	Student Success Seminar			1	CHOICE				3
MGT 2300	Principles of Management			3	MIS 3400	Systems Analysis and Design			3
MKT 2080	Principles of Marketing			3	MTH 2310	Statistics I (MIS 1500, MTH 1100/1150)			3
PHL 1100	Philosophy of American Life & Business			3	NSC 2100	Environmental Science			3
SPRING					SPRING				
MIS 1300	Information Technology Infrastructure			3	CYB 3300	Physical and Operational Security (MIS 1300)			3
ECN 2210	Principles of Microeconomics			3	3000/4000	PSY/SOC/HUM (SEE *SIE BELOW)			3
ENG 1200	Composition II (ENG 1150)			3	MIS 3200	Database Design & Implementation OR ERP Business Applications			
FDN 1300	Student Leadership Seminar			1	MIS 3250				
MIS1500	Business Process Productivity Software			3	CHOICE				3
MTH 1100	Finite Math OR				FIN 3010	Financial Management (ACC 2415)			3
MTH 1150	College Algebra			3	FALL - SENIOR				
FALL - SOPHOMORE					CYB 4100	Ethical Hacking (CYB 3200, CYB 3300)			3
MIS 2140	Programming I			3	LAW 3000	Business Law I			3
ACC 2410	Fundamentals of Financial Accounting			3	MGT 4250	Organizational Behavior (MGT 2300) (SEE *SIE BELOW)			3
CHOICE				3	PHL 3100	Ethics (60 crs.)			3
ECN 2220	Principles of Macroeconomics			3	3000/4000	CHOICE (SEE *SIE BELOW)			3
FDN 2250	Blueprint for Success			1	SPRING				
HIS 2100	Foundations of the Modern World I			3	CYB 3800	Information Security (MIS 1500)			3
SPRING					MIS 4500	Technology Capstone Project (90 credits and all majors courses)			3
ACC 2415	Fundamentals of Managerial Accounting (ACC 2410)			3	ECN 4010	Economics of Public Policy (ECN 2210 and 60 CRS.)			3
CYB 2100	Cybersecurity Principles			3	MGT 4800	Strategic Planning (90 crs, MGT 2300, FIN 3010/3210)			3
MIS 3300	Project Management (MIS 1500)			3	CHOICE	Optional			
PSC 2010	Introduction to American Government			3					
SPC 2050	Speech			3					
LOWER LEVEL HOURS COMPLETED				0	UPPER LEVEL HOURS COMPLETED				0
LOWER LEVEL HOURS REMAINING				63	UPPER LEVEL HOURS REMAINING				57
TOTAL HOURS COMPLETED				0	TOTAL HOURS REMAINING				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.



BACHELOR OF BUSINESS ADMINISTRATION DEGREE (BBA/MBA)

Student Name:

Student ID#:

Date:

Starting Year:	2024 Starting Freshman	Take In	Completed	Remaining	Notes:	Take In	Completed	Remaining
Major(s):	Cybersecurity Management							
Minor:	Management Information Systems							

FALL - FIRST YEAR

ENG 1150	Composition I			3	CYB 4100	Ethical Hacking (CYB 3200, CYB 3300)			3
LDR 1110	The NU Experience			1	CHOICE				3
MGT 2300	Principles of Management			3	FIN 3010	Financial Management (ACC 2415)			3
MIS 1110	Introduction to Management Information Systems			3	MIS 3400	Systems Analysis and Design			3
MIS 2140	Programming I			3	MTH 2310	Statistics I (MIS 1500, MTH 1100/MTH 1150)			3
MKT 2080	Principles of Marketing			3	PHL 3100	Ethics			3
PHL 1100	Philosophy of American Life & Business			3	SPRING				

SPRING

CYB 2100	Cybersecurity Principles			3	MIS 4500	Technology Senior Project (All majors courses)			3
ECN 2210	Principles of Microeconomics			3	ECN 4010	Economics of Public Policy (ECN 2210 and 60 CRS.)			3
ENG 1200	Composition II (ENG 1150)			3	MGT 4250	Organizational Behavior (MGT 2300) (SEE *SIE BELOW)			3
MTH 1100	Finite Math OR				MGT 4800	Strategic Planning (MGT 2300, FIN 3010 OR 3210)			3
MTH 1150	College Algebra OR				CYB 3800	Information Security (MIS 1500)			3
MTH 3100	Calculus			3	MIS 3200	Database Design & Implementation OR			
LDR 1300	Professional Branding & Planning			1	MIS 3250	ERP Business Applications			3

SUMMER or COMPRESSED COURSES

MIS 1300	Information Technology Infrastructure			3	3000/4000	CHOICE (SEE *SIE BELOW)			3
MIS1500	Business Process Productivity Software			3	3000/4000	PSY/SOC/HUM (SEE *SIE BELOW)			3
					MIS 3990	Internship (See * in notes section below)			3

FALL - SECOND YEAR

ACC 2410	Fundamentals of Financial Accounting			3	Notes:				
NSC 2100	Environmental Science			3	A maximum of 19 credits are to be taken in a semester.				
CYB 3200	Network Security (MIS 1300)			3	Any courses taken in a compressed or summer session are at student's expense.				
ECN 2220	Principles of Macroeconomics			3	* 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				
LDR 2250	Emerging Leaders			1	following elective courses: MTH 3100 Calculus I, MTH 3340 Statistics II, MKT 3050 Consumer Behavior,				
HIS 2100	Foundations of the Modern World I			3	MKT 4230 Marketing Research, ECN 3000 International Trade and FIN 4010 International Finance.				
PSC 2010	Introduction to American Government			3	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 SOC 3500 Cultural Anthropology.				

SPRING

ACC 2415	Fundamentals of Managerial Accounting (ACC 2410)			3					
CHOICE				3					
CYB 3300	Physical and Operational Security (MIS 1300)			3					
LAW 3000	Business Law I			3					
MIS 3300	Project Management (MIS 1500)			3					
SPC 2050	Speech			3					

LOWER LEVEL HOURS COMPLETED				0	UPPER LEVEL HOURS COMPLETED				0
LOWER LEVEL HOURS REMAINING				75	UPPER LEVEL HOURS REMAINING				45
TOTAL HOURS COMPLETED				0	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.

*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.

Information Systems & Cybersecurity

The Information Systems and Cybersecurity program is uniquely designed to prepare students with the skills and knowledge to meet the cybersecurity needs of employers in both the private and public sectors. Students take courses that provide opportunities to gain real-world problem-solving experience and technical skills specifically suited to careers in cybersecurity. Northwood collaborates with industry partners in areas that include curriculum development and cybersecurity lab set-up to ensure students have a solid foundation of understanding and ability to perform essential tasks in the cybersecurity field.

The following guide outlines the suggested sequence for a student to complete four (4) years of coursework (120 credits) including general education, common professional core, and major requirements. Students who want to pursue an additional major or minor should consult with an academic advisor to determine the best education plan.

FRESHMAN YEAR - FALL

ENG 1150 Composition I	3
MGT 2300 Principles of Management	3
MIS 1110 Introduction to Management Information Systems	3
MIS 2140 Programming I	3
PHL 1100 Phil of American Life & Business	3
LDR 1110 The NU Experience	1
	16

FRESHMAN YEAR - SPRING

ENG 1200 Composition II	3
ECN 2210 Principles of Microeconomics	3
MIS 1300 Information Technology Infrastructure	3
MIS 2150 Programming II	3
MTH 1100 Finite Math <i>or</i> MTH 1150 College Algebra	3
LDR 1300 Professional Branding & Planning	1
	16
	32

SOPHOMORE YEAR – FALL

ACC 2410 Fundamentals of Financial Accounting	3
CYB 2150 Scripting	3
CYB 2300 Advanced Networking Systems	3
ECN 2220 Principles of Macroeconomics	3
MIS 1500 Business Productivity Software	3
LDR 2250 Emerging Leaders	1
	16

SOPHOMORE YEAR - SPRING

ACC 2415 Fundamentals of Managerial Accounting	3
CYB 2100 Cybersecurity Principles	3
CYB 3300 Physical & Operational Security	3
MTH 2310 Statistics I	3
MKT 2080 Principles of Marketing	3
	15
	31

JUNIOR YEAR – FALL

CYB 3000 Cryptography & Current Trends	3
CYB 3200 Network Security	3
SPC 2050 Speech Communications	3
MIS 3400 Systems Analysis and Design	3
CHOICE (<i>PSC 2010 recommended.</i>)	3
	15

JUNIOR YEAR - SPRING

MTH 3400 Introduction to Data Science	3
CYB 3800 Information Security	3
PHL 3100 Ethics	3
HIS Elective (<i>Western Civ. Recommended</i>)	3
NSC Elective (<i>Environmental Science Rec.</i>)	3
	15
	30

SENIOR YEAR – FALL

CYB 3950 Advanced Operational Security	3
CYB 4100 Ethical Hacking	3
FIN 3010 Financial Management	3
LAW 3000 Business Law I	3
MGT 4250 Organizational Behavior	3
	15

SENIOR YEAR - SPRING

CYB 4000 Digital Forensics	3
MIS 4500 Technology Capstone Project	3
ECN 4010 Economics of Public Policy	3
MGT 4800 Strategic Planning	3
CHOICE Optional	
	12
	27

SEMESTER HOURS TO GRADUATE 120