



# BACHELOR OF SCIENCE DEGREE

Student Name: \_\_\_\_\_

Student ID#: \_\_\_\_\_

Date: \_\_\_\_\_

Starting Year:	2023 Starting Freshman	Take In	Complete	Remain!	Notes:	Take In	Complete	Remain!		
Major(s):	Computer Science									
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 - FRESHMAN				FALL - JUNIOR					
MIS 1110	Introduction to Management Information Systems		3	CS 3100	Computer Organization & Assembly Language (CS 2500)		3		
ENG 1150	Composition I		3	CYB 2150	Scripting (MIS 2140)		3		
MGT 2300	Principles of Management		3	MKT 2080	Principles of Marketing		3		
MIS 1500	Business Productivity Software		3	MIS 3400	Systems Analysis and Design		3		
PHL 1100	Philosophy of American Life & Business		3	MTH 2870	Linear Algebra and Matric Theory		3		
FDN 1110	Student Success Seminar		1	<b>SPRING</b>					
<b>SPRING</b>				LAW 3000	Business Law I		3		
CS 1100	Computer Architecture		3	MIS 3200	Database Design & Implementation (MIS 1500)		3		
ECN 2210	Principles of Microeconomics		3	HIS	History [Western Civilization Recommended] (SEE *SIE BELOW)		3		
ENG 1200	Composition II (ENG 1150)		3	PHL 3100	Ethics (60 crs.)		3		
MIS 1300	Information Technology Infrastructure		3	CHOICE	PSC 2010 Intro to American Government [Recommended]		3		
MTH 1100	Finite Math <b>OR</b>			<b>FALL - SENIOR</b>					
MTH 1150	College Algebra		3	CS 4000	Algorithm Design and Analysis (CS 2500)		3		
FDN 1300	Student Leadership Seminar		1	CS 4100	Operating Systems (CS 3100)		3		
<b>FALL - SOPHOMORE</b>				MTH 3150	Data Science for Informed Decision Making (MIS 1500, MTH 2310)		3		
ACC 2410	Fundamentals of Financial Accounting		3	FIN 3010	Financial Management (ACC 2415)		3		
CYB 2300	Advanced Networking Systems (MIS 1300)		3	MGT 4250	Organizational Behavior (MGT 2300) (SEE *SIE BELOW)		3		
ECN 2220	Principles of Macroeconomics		3	<b>SPRING</b>					
MIS 2140	Programming I		3	MIS 4500	Technology Capstone Project (All majors courses)		3		
MTH 3100	Calculus I		3	NSC	Natural Science [Environmental Science Recommended]		3		
FDN 2250	Blueprint for Success		1	ECN 4010	Economics of Public Policy		3		
<b>SPRING</b>				MGT 4800	Strategic Planning (90 crs., MGT 2300, FIN 3010/3210)		3		
ACC 2415	Fund. of Managerial Accounting (ACC 2410)		3	CHOICE	Optional				
CS 2500	Data Structures and Algorithms (CS 1000)		3						
MIS 2150	Programming II (MIS 2140)		3						
MTH 2310	Statistics I (MIS 1500, MTH 1100/1150)		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>63</b>	<b>UPPER LEVEL HOURS REMAINING</b>				<b>57</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.

\*\* 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.