

Student Name:
Student ID#:
Date:

| | | | | | | | | | | |
|----------------|---------------------------------------|---------|-----------|-----------|--------|---------|-----------|-----------|--|--|
| Starting Year: | 2025 Starting Freshman | Take In | Completed | Remaining | Notes: | Take In | Completed | Remaining | | |
| Major(s): | Information Systems and Cybersecurity | | | | | | | | | |
| Minor | | | | | | | | | | |

| FALL - FRESHMAN | | | | | FALL - JUNIOR | | | | | | |
|------------------------------------|--|--|--|---|---------------|---|--|--|---|--|------------|
| ENG 1150 | Composition I | | | 3 | CYB 3000 | Cryptography & Current Trends (MIS 1300) | | | 3 | | |
| MGT 2300 | Principles of Management | | | 3 | CYB 3200 | Network Security (MIS 1300) | | | 3 | | |
| MIS 1110 | Introduction to Management Information Systems | | | 3 | MIS 3400 | Systems Analysis and Design (MTH 2310, MIS 1500) | | | 3 | | |
| MIS 2140 | Programming I | | | 3 | SPC 2050 | Speech Communications | | | 3 | | |
| PHL 1100 | Philosophy of American Life & Business | | | 3 | CHOICE | PSC 2010 Intro to American Government (Recommended) | | | 3 | | |
| LDR 1110 | The NU Experience | | | 1 | | | | | | | |
| SPRING | | | | | SPRING | | | | | | |
| CYB 2100 | Cybersecurity Principles | | | 3 | CYB 4000 | Digital Forensics (CYB 3000) | | | 3 | | |
| CYB 2150 | Scripting (MIS 2140) | | | 3 | MTH 3400 | Introduction to Data Science (MTH 1150, MTH 2310) | | | 3 | | |
| MIS 1300 | Information Technology Infrastructure | | | 3 | PHL 3100 | Ethics (60 crs.) | | | 3 | | |
| MIS 2150 | Programming II (MIS 2140) | | | 3 | HIS 2100 | Foundations of a Modern World I | | | 3 | | |
| MTH 1100 | Finite Math OR | | | | NSC 2100 | Environmental Science | | | 3 | | |
| MTH 1150 | College Algebra | | | 3 | FALL - SENIOR | | | | | | |
| LDR 1300 | Professional Branding & Planning | | | 1 | CYB 4100 | Ethical Hacking (CYB 3200, CYB 3300) | | | 3 | | |
| FALL - SOPHOMORE | | | | | CYB 3950 | Advanced Operational Security (CYB 3300) | | | 3 | | |
| ACC 2410 | Fundamentals of Financial Accounting | | | 3 | LAW 3000 | Business Law I | | | 3 | | |
| CYB 2300 | Advanced Networking Systems (MIS 1300) | | | 3 | FIN 3010 | Financial Management (ACC 2415) | | | 3 | | |
| ECN 2210 | Principles of Microeconomics | | | 3 | MGT 4250 | Organizational Behavior (MGT 2300) (SEE *SIE BELOW) | | | 3 | | |
| ENG 1200 | Composition II (ENG 1150) | | | 3 | SPRING | | | | | | |
| MIS 1500 | Business Process Productivity Software | | | 3 | CYB 3800 | Information Security (MIS 1500) | | | 3 | | |
| LDR 2250 | Emerging Leaders | | | 1 | ECN 4010 | Economics of Public Policy (60crs., ECN 2210) | | | 3 | | |
| SPRING | | | | | MGT 4800 | Strategic Planning (90 crs., MGT 2300, FIN 3010/3210) | | | 3 | | |
| ACC 2415 | Fund. of Managerial Accounting (ACC 2410) | | | 3 | MIS 4500 | Technology Capstone Project (All majors courses) | | | 3 | | |
| CYB 3300 | Physical and Operational Security (MIS 1300) | | | 3 | CHOICE | Optional | | | | | |
| ECN 2220 | Principles of Macroeconomics | | | 3 | | | | | | | |
| MKT 2080 | Principles of Marketing | | | 3 | | | | | | | |
| MTH 2310 | Statistics I (MIS 1500, MTH 1100/1150) | | | 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. 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.