

**A Sample 4-Year Plan  
for the B.S. in Cybersecurity Degree**

First-Year Fall (16 hours)

- COR 1002 Gateway Seminar in Christian Scholarship
- BBL 1013 Old Testament
- EGL 1013 English I
- Mathematics Core (3 hours)
- General Elective (2 hours)
- CS 1113 Introduction to Computing

First-Year Spring (15 hours)

- BBL 1023 New Testament
- EGL 1023 English II
- Science Core I (3 hours)
- Intercultural Engagement Elective (3 hours)
- CS 2233 Object-Oriented Programming

Sophomore Fall (14 hours)

- BBL 2022 Essentials of Christian Formation
- HST 2013 Integrated Humanities I
- Science Core II (3 hours)
- CS 3243 Data Structures
- CYB 2033 Networking Fundamentals (Bluefield College, Fall A)

Sophomore Spring (15 hours)

- BBL 2013 Essentials of Evangelical Theology
- HST 2023 Integrated Humanities II
- General Elective (3 hours)
- CYB 3043 Linux Fundamentals (Bluefield College, Spring A)
- CYB 3103 Information Security Fundamentals (Bluefield College, Spring B)

Junior Fall (15 hours)

- Whole Person Wellness (2 hours)
- Arts and Humanities Core (3 hours)
- General Elective (3 hours)
- General Elective (3 hours)
- CYB 3114 Networking Switching and Routing (Bluefield College, Fall A)

Junior Spring (15 hours)

- Arts and Humanities or Social and Behavioral Science Core (3 hours)
- Social and Behavioral Science Core (3 hours)
- General Elective (3 hours)
- CYB 3133 Windows Server Installing and Configuring (Bluefield College, Spring B)
- Technical Elective (3 hours; JBU Graduate School)

Senior Fall (15 hours)

General Elective (3 hours)

General Elective (2 hours)

CYB 4104 Intrusion Detection/Prevention Systems (Bluefield College, Fall A)

Technical Elective (3 hours; JBU Graduate School)

CS 4513 CS/Cybersecurity Capstone I

Senior Spring (15 hours)

General Elective (3 hours)

General Elective (3 hours)

CYB 4033 Windows Server System Administration (Bluefield College, Spring A)

CYB 4043 Linux Server Administration (Bluefield College, Spring B)

CS 4523 CS/Cybersecurity Capstone II

Total semester-credit-hours: 120