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# College of Health & Human Sciences Four-Year Plan: Cybersecurity, B.S.

2025-2026 Catalog Year

## First Year Fall Semester (16 credits)

| Course | Credits |
| --- | --- |
| MTH 1210 Introduction to Statistics (Quantitative Literacy General Studies) | 4 |
| Oral Communication General Studies – COMM 1010 recommended | 3 |
| Written Communication General Studies (1 of 2) | 3 |
| CIS/CSS 1010 Introduction to Computers | 3 |
| CJC 1010 Introduction to Criminal Justice System (Social & Behavioral Science) | 3 |

## First Year Spring Semester (16 credits)

| Course | Credits |
| --- | --- |
| Arts & Humanities General Studies (1 of 2) | 3 |
| Natural & Physical Science General Studies (1 of 2) | 3 |
| Written Communication General Studies (2 of 2) | 3 |
| CS 1030 Computer Science Principles | 4 |
| CIS 2010 Foundations of Information Systems | 3 |

## Second Year Fall Semester (16 credits)

| Course | Credits |
| --- | --- |
| MTH 1109, 1110, 1111, 1112 or 1115 (College Algebra)\* | 4 |
| Natural & Physical Science General Studies (2 of 2) | 3 |
| CYB 2001 Cyber Laws and Regulations | 3 |
| CIS 2110 Structured Problem Solving in Information Systems | 3 |
| CSS 2751 Principles of Cybersecurity | 3 |

## Second Year Spring Semester (15 credits)

| Course | Credits |
| --- | --- |
| MTH 290C Applied Discrete Mathematics | 3 |
| CYB 2500 Criminal Investigation | 3 |
| CSS 2752 Information Assurance | 3 |
| CSS 2753 Network Security | 3 |
| CIS 3230 Telecommunication Systems and Networking | 3 |

\*College Algebra is a prerequisite for MTH 290C Applied Discrete Mathematics

\*\*GD = course also meets the Global Diversity General Studies Requirement

\*\*\*ESSJ = course also meets the Ethnic Studies and Social Justice Graduation Requirement

## Third Year Fall Semester (15 credits)

| Course | Credits |
| --- | --- |
| Historical General Studies (GD recommended\*\*) | 3 |
| Social & Behavioral Science General Studies (ESSJ recommended\*\*\*) | 3 |
| CSS 2754 Host Security | 3 |
| CJC 3210 White-Collar Crime | 3 |
| CIS 3500 Information Systems Security | 3 |

## Third Year Spring Semester (15 credits)

| Course | Credits |
| --- | --- |
| CJC 3420 Organized Crime | 3 |
| CJC 3800 Federal Law Enforcement | 3 |
| CSS 3751 Application Security | 3 |
| CIS 4500 Information Systems Security Tools and Techniques | 3 |
| Arts & Humanities General Studies (2 of 2) – PHI 3370 recommended | 3 |

## Fourth Year Fall Semester (15 credits)

| Course | Credits |
| --- | --- |
| CSS 3752 Computer Forensics | 3 |
| CIS 4550 Information Systems Security Management & Information Assurance | 3 |
| CYB Elective – Upper Division Recommended | 3 |
| Upper Division General Elective | 3 |
| Upper Division General Elective | 3 |

## Fourth Year Spring Semester (12 credits)

| Course | Credits |
| --- | --- |
| CYB 4990 Capstone Seminar in Cybersecurity | 3 |
| Upper Division General Elective | 3 |
| General Elective (Upper or Lower Division) | 3 |
| General Elective (Upper or Lower Division) | 3 |

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