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| --- | --- | --- |
| **Bachelors of Applied Science (BAS) in Cybersecurity (DRAFT)** | | |
| **Major Courses** | |  |
| CS 106 | Database Systems | 5 |
| CS 117 | Computer Ethics | 2 |
| CS&131 | Computer Science 1C++ OR CS 102 Programming Fundamentals OR CS141 | 5 |
| CS140 | SharePoint | 5 |
| CS 150 | Computer Security | 5 |
| CS 202 | Programming Fundamentals 2 OR CS&162 or CS236 | 5 |
| CS200 | Computer Forensics Fundamentals | 5 |
| CS 206 | Database Design | 5 |
| CS221 | Database Administration | 5 |
| CS 228 | Windows Server | 5 |
| CS229 | WebMaster | 5 |
| CS 231 | Network Infrastructure | 5 |
| CS 232 | Network Security | 5 |
| CS 250 | Networking Fundamentals | 5 |
| CSIA 300 | Security and information Assurance | 5 |
| CSIA 310 | E-Commerce Security | 5 |
| CSIA 320 | Ethical Hacking | 5 |
| CSIA 330 | Wireless Security | 5 |
| CSIA 410 | Cryptography | 5 |
| CSIA 420 | Cyber Crimes and Terrorism | 5 |
| CSIA 430 | Unix Administration and Security | 5 |
| CSIA 440 | Cyber Testing and Penetration | 5 |
| CSIA 450 | Cybersecurity Capstone | 5 |
|  |  |  |
|  | **Major Courses Credit Sub-Total** | **112** |
|  |  |  |
| **Major Support** | |  |
| PROJ 100 | Intro to Project Management | 5 |
|  | Program Advisor approved Major Support course | 3 |
|  |  |  |
|  | **Major Support Credit Sub-Total** | **8** |
| **General Education** | | |
| **Communication (10 credits)** | |  |
| ENGL& 101 | English Composition | 5 |
| ENGL& 102 | Composition II -OR- | 5 |
| ENGL 410 | Professional & Organizational Communication | 5 |
| **Quantitative Symbolic Reasoning (5 credits)** | |  |
|  | MATH& 107 or any MATH course MATH& 141 or higher (except MATH& 171) See program advisor for best selection | 5 |
| **Social Science (10 credits)** | | |
| PSYC& 100 | General Psychology **or** approved Social Science fromdistribution list | 5 |
| Soc 305 | Sociology of Deviance | 5 |
| Political Sci | Warfare | 5 |
| **Humanities (10 credits)** | |  |
| PHIL 305 | Professional Ethics | 5 |
|  |  | 5 |
| **Math/Science** **(10 credits)** | |  |
|  | Lab Science Approved from lab science list | 5 |
| MATH | See program advisor for best selection | 5 |
|  |  |  |
| **ADDITIONAL ELECTIVES (15 credits)** | |  |
|  | Program Advisor approved Communication, Social Science, Humanities, or Math/Science | **15** |
|  | **General Education Credits Sub-Total** | **60** |
|  | **Minimum Credits** | **172** |
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