



Bachelor of Science in Information Technology

120
CREDITS

| ARTS AND SCIENCES COMPONENT | CREDIT HOURS |
|--|--------------|
| ▶ Communications Must include 6 credits in the Written English Requirement | 9 |
| ▶ Humanities elective | 3 |
| ▶ Ethics | 3 |
| ▶ Social Sciences/History | 9 |
| ▶ Mathematics and Natural Sciences | |
| Natural Science | |
| Discrete Math | 12 |
| One course from the following: Calculus I, Statistics and Probability, Quantitative Methods, Finite Math, or Mathematical Logic | |
| ▶ Arts and Sciences Electives | 24 |
| TOTAL CREDITS FOR ARTS AND SCIENCES COMPONENT | 60 |
| INFORMATION TECHNOLOGY COMPONENT | CREDIT HOURS |
| ▶ Core Requirements | |
| Object-Oriented Programming ^① | |
| Computer Systems Architecture ^① | |
| Operating Systems ^① | |
| Database Concepts | |
| Data Communications and Networking | |
| Web Design and Development | |
| Human-Computer Interaction | |
| Overview of Computer Security | |
| Project Management | |
| System Administration | |
| IT 495 Integrated Technology Assessment (capstone) ^② | |
| ▶ Concentration Requirements One of the following concentrations must be declared (see page 43 for requirements) | |
| Cybersecurity Technology | |
| General Option | |
| Information Security | |
| Network Operations | |
| TOTAL CREDITS FOR TECHNOLOGY COMPONENT 15 credits must be upper level | 48 |
| FREE ELECTIVE COMPONENT | CREDIT HOURS |
| Must include 1-credit Information Literacy Requirement | 12 |
| TOTAL CREDITS FOR FREE ELECTIVE COMPONENT | 12 |
| TOTAL DEGREE CREDITS REQUIRED | 120 |

① The core requirements should be completed in the order listed.

② IT 495 Integrated Technology Assessment (capstone) is the required capstone course. It must be taken through Excelsior College and cannot be transferred in.