

Information Technology: Cyber Security/Info Assurance – Bachelor of Science

FRESHMAN YEAR

Fall Semester	16-18 Hours
UNIV 1001/1113 Intro to Univ Life/Study Strats	(1/3)
ENGL 1113 English Composition I	(3)
MATH 1513 College Algebra	(3)
CIS 1013 Intro to CIS	(3)
IT 1213 Programming Logic	(3)
IT 1063 Intro to Networking	(3)
Spring Semester	16 Hours
ENGL 1213 English Composition II	(3)
HIST 1483/1493 U.S. History to/since 1865	(3)
PS 1113 American Federal Government	(3)
IT 1414/1414L Programming I/Lab	(4)
IAS 2233 Intro to Info Assurance/Security	(3)

JUNIOR YEAR

Fall Semester	17 Hours
General Education Health and Wellness	(1)
BIOL 1004/1004L General Biology/Lab	(4)
MATH 2713 Elementary Calculus	(3)
MIS 3033 Applied Data Modeling	(3)
IAS 3263 Security Architecture & Design	(3)
TECH 3013 Technical Communications	(3)
Spring Semester	17 Hours
ASTR 1104 Contemporary Astronomy	(4)
General Education Health and Wellness	(1)
General Education Elective	(3)
MIS 4433 Project Management	(3)
TECH Guided Elective	(3)
Technical or Science Elective	(3)

^M Denotes Minimum Grade Needed for Course
[!] Denotes Critical Course

This is a recommended semester-by-semester plan of study for this major. Course offerings are subject to change based on enrollment. However, courses or requirements designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Graduation Requirements Summary

Minimum Total Hours for Graduation	124
Minimum Upper-Division Hours	40
Minimum Gen Ed Hours	44
Minimum Liberal Arts Hours	55
Minimum Major GPA	2.000
Minimum Overall GPA	2.000

SOPHOMORE YEAR

Fall Semester	17 Hours
COMM 1113 Principles of Communication	(3)
CIS 2033 Systems Analysis and Design	(3)
IAS 2333 Computer Forensics	(3)
IT 2064/2064L Internetworking Technologies/Lab	(4)
IT 2414/2414L Programming II/Lab	(4)
Spring Semester	18 Hours
General Education Humanities-Aesthetics	(3)
General Education Behavioral Science	(3)
BUS 1113 Intro to Business	(3)
IAS 3063 Information Assurance Networking Fund	(3)
IAS 3233 E-Commerce & Web Security	(3)
Technical Occupational Elective	(3)

SENIOR YEAR

Fall Semester	13 Hours
GEOG 3023 Economic Geography	(3)
General Education Health and Wellness	(1)
General Education Humanities-Diversity	(3)
IT 3603 Human Computer Interface	(3)
STAT 2013 Intro to Probability & Statistics	(3)
Spring Semester	13 Hours
General Education Health and Wellness	(1)
IT 4342 Legal and Ethical Issues	(2)
IT 4444 IT Capstone	(6)
MIS 4473 Current Topics in IT	(1)
Technical or Science Elective	(3)