

Computer Information Systems - Information Systems Security Track - Associate /Bachelor

This is a recommended course rollout for the program of study indicated. Take courses in the order shown. It is the student's responsibility to verify course selections using Degree Navigator to ensure all graduation requirements are met. If this rollout does not represent what you have taken in the past, seek advisement from your Associate Dean.

| Completed | 1 st Semester | Credit | Title | Prerequisite |
|--------------------------------|---|-----------|--|------------------------|
| | BUSN 115 | 3 | Introduction to Business & Technology | |
| | COMP 100 | 2 | Computer Applications for Business w/Lab | |
| | ENGL 108 | 3 | English Composition | |
| | CIS 115 | 3 | Logic and Design | |
| | COLL 148 (Institute Credit) | 3 | Critical Thinking & Problem Solving | |
| | | 14 | | |
| 2nd Semester | | | | |
| | CIS 170B | 4 | Programming with Lab | CIS115 & COMP100 |
| | CIS 206 | 4 | Architecture and Operating Systems with Lab | COMP100 |
| | MATH 114 | 4 | Algebra for the College Student | MATH092 |
| | SPCH 275 | 3 | Public Speaking | ENGL108 |
| | | 15 | | |
| 3rd Semester | | | | |
| | MATH 221 | 4 | Statistics for Decision Making | MATH114 |
| | CIS 246 | 4 | Connectivity with Lab | CIS206 |
| | CIS 247A | 4 | Object Oriented Programming with Lab | CIS170B |
| | ENGL 135 | 4 | Advanced Composition | ENGL108 |
| | | 16 | | |
| 4th Semester | | | | |
| | CARD 207 (Institute Credit) | 2 | Career Development | 29 earned credit hours |
| | CIS 236 | 4 | Introduction to Database with Lab | CIS247A |
| | CIS 281 | 4 | Web Interface Design with Lab | CIS247A |
| | Humanities Elective 1 | 3 | 100/200 level History or Philosophy Course or 100/200 Level Literature or Arts Course | ENGL135 |
| | Social Science Elective 1 | 3 | Choose PSYC110, SOCS185, or SOCS190 | |
| | | 16 | | |
| 5th Semester | | | | |
| | ACCT 201 (Bachelor Course) | 4 | Essentials of Accounting | MATH114 |
| | CIS 266 | 3 | Structured Analysis and Design | CIS236 |
| | SEC 280 | 3 | Principles of Information Systems Security | CIS246 |
| | Natural Science Elective | 3 | Choose any Natural Science Elective | MATH114 |
| | Humanities Elective 2 (Bachelor Course) | 3 | 300/400 level History or Philosophy Course or Literature or Arts Course. (If you selected literature/art at the 200 level, you must select history or philosophy at the 300/400 level. | ENGL135 |
| | | 16 | | |
| | | 70 | Credits needed for Associate Degree Completion (Includes 5 Institutional Credits - COLL148 and CARD207) | |

Bachelor Degree Plan of Study

| Completed | 6 th Semester | Credit | Title | Prerequisite |
|--------------------------------|--|------------|---|---------------------------|
| | CIS 407A | 4 | Web Applications Development with Lab | CIS236 & CIS281 |
| | CIS 340 | 3 | Object Oriented Analysis and Design | CIS266 |
| | SEC 360 | 4 | Data Privacy and Security | CIS236 & SEC280 |
| | Communication Skills Elective 2 | 4 | Applied Writing - Choose ENGL216 or ENGL227 | ENGL108 |
| | General Education Elective 1 | 3 | Choose any 300 or 400 Humanities or Social Science Course not previously taken | |
| | | 18 | | |
| 7th Semester | | | | |
| | CIS 355 | 4 | Business Application Programming with Lab | CIS236 & CIS247A |
| | ECON 312 | 3 | Principles of Economics | |
| | MGMT 404 | 4 | Project Management | BUSN115 |
| | SEC 370 | 4 | Web Security | CIS407A & SEC280 |
| | Social Science Elective 2 | 3 | Choose any 300 or 400 level PSYC or SOCS course (must differ from SS Elective 1) | |
| | CARD415 (Institute Credit) | 1 | Career Development Strategies | Senior Standing* |
| | | 19 | | |
| 8th Semester | | | | |
| | CIS 470 | 3 | Computer Information Systems Senior Project | MGMT404 & Senior Standing |
| | HUMN 432 | 3 | Technology, Society, & Culture | Senior Standing* |
| | SEC 340 | 4 | Business Continuity | CIS236 & SEC280 |
| | SEC 440 | 4 | Information Systems Security Planning & Audit | CIS355A & SEC280 |
| | General Education Elective 2 | 3 | Choose any 300 or 400 Humanities or Social Science Course not previously taken | |
| | | 17 | | |
| | ACCT 201 (Bachelor Course) | 4 | From Associate side | |
| | Humanities Elective 2 | 3 | From Associate side | |
| | | 131 | <i>Bachelors Degree Completion (Includes 6 Institutional Credits - COLL148, CARD207, and CARD415)</i> | |
| | | | | |
| | AASCIS | | 70 Credits needed for degree completion. | |
| | BSCIS | | 131 Credits needed for degree completion. | |
| | * Senior Standing = completion of 89 earned credit hours. | | | |