

# ACADEMIC MAP

## Information Technology-Information Security, Bachelor of Applied Arts and Sciences



| First Year         |  | Hours     |  | Third Year                                      |   | Hours      |  |
|--------------------|--|-----------|--|---|---|------------|--|
| <b>Fall</b>        |  |           |  | <b>Fall</b>                                     |   |            |  |
| UNIV 1101          | University Seminar I                             | 1         |  | Life & Physical Science Core Requirement        |   | 3          |  |
| ENGL 1301          | Writing and Rhetoric I                           | 3         |  | Language, Philosophy & Culture Core Requirement |   | 3          |  |
| POLS 2306          | State and Local Government                       | 3         |  | MGMT 3310                                       | Principles of Management                | 3          |  |
| College Core       |  | 3         |  | BAIS 2301                                       | Computer Applications in Business       | 3          |  |
| College Core       |  | 3         |  | COSC 2465                                       | Linux Systems                           | 4          |  |
| College Core       |  | 3         |  | <b>Hours</b>                                    |   | <b>16</b>  |  |
| <b>Hours</b>       |  |           |  | <b>16</b>                                       |   |            |  |
| <b>Spring</b>      |  |           |  | <b>Spring</b>                                   |   |            |  |
| UNIV 1102          | University Seminar II                            | 1         |  | COSC 2466                                       | Network Systems                         | 4          |  |
| ENGL 1302          | Writing and Rhetoric II                          | 3         |  | BAIS 3310                                       | Management Information Systems Concepts | 3          |  |
| or COMM 1311       | or Foundation of Communication                   |           |  | Component Area Option Core Requirement          |   | 3          |  |
| MATH 1314          | College Algebra                                  | 3         |  | Component Area Option Core Requirement          |   | 3          |  |
| College Core       |  | 3         |  | Life & Physical Science Core Requirement        |   | 3          |  |
| College Core       |  | 3         |  | <b>Hours</b>                                    |   | <b>16</b>  |  |
| College Core       |  | 3         |  | <b>Hours</b>                                    |   |            |  |
| <b>Hours</b>       |  |           |  | <b>16</b>                                       |   |            |  |
| <b>Second Year</b> |  |           |  | <b>Fourth Year</b>                              |   |            |  |
| <b>Fall</b>        |  |           |  | <b>Fall</b>                                     |   |            |  |
| College Core       |  | 3         |  | BAIS 3320                                       | Database Management                     | 3          |  |
| College Core       |  | 3         |  | Creative Arts Core Requirement                  |   | 3          |  |
| HIST 1301          | U.S. History to 1865                             | 3         |  | Upper Divisional Elective                       |   | 3          |  |
| PSYC 2301          | General Psychology                               | 3         |  | Upper Divisional Elective                       |   | 3          |  |
| COSC 1435          | Introduction to Problem Solving with Computers I | 4         |  | Upper Divisional Elective                       |   | 3          |  |
| <b>Hours</b>       |  | <b>16</b> |  | <b>Hours</b>                                    |   | <b>15</b>  |  |
| <b>Spring</b>      |  |           |  | <b>Spring</b>                                   |   |            |  |
| College Core       |  | 3         |  | UNIV 4350                                       | University Studies Capstone             | 3          |  |
| College Core       |  | 3         |  | COSC 3372                                       | Network Security                        | 3          |  |
| HIST 1302          | U.S. History Since 1865                          | 3         |  | Upper Divisional Elective                       |   | 3          |  |
| POLS 2305          | U.S. Government and Politics                     | 3         |  | Upper Divisional Elective                       |   | 3          |  |
| COSC 2348          | Introduction to Scripting                        | 3         |  | Upper Divisional Elective                       |   | 3          |  |
| <b>Hours</b>       |  | <b>15</b> |  | <b>Hours</b>                                    |   | <b>15</b>  |  |
| <b>Hours</b>       |  |           |  | <b>Total Hours</b>                              |   | <b>125</b> |  |



# CAREER MAP

## INFORMATION TECHNOLOGY- INFORMATION SECURITY

### *Bachelor of Applied Arts and Science*



The BAAS information technology track provides students with a broad understanding of basic computer languages, systems, software and hardware, giving them a firm foundation for a variety of careers such as personal computer technician, network administrator, database manager, information security technician, and computer technology manager within commercial, industrial, educational and government organizations.

### CONTACT INFORMATION

**Career Counselor:**

Career and Professional  
Development Center | UC 304  
361.825.2628 |  
career.center@tamucc.edu

**Internship Coordinator:**

Bachelor of Applied Arts and  
Sciences (BAAS) | FC 104 |  
bass@tamucc.edu

**Department Contact:**

Bachelor of Applied Arts and  
Sciences (BAAS) | FC 104 |  
bass@tamucc.edu

### CAREER OPTIONS

- Personal computer technician
- Computer technology manager
- Network administrator
- Database manager
- Information security technician

### SKILLS/ATTRIBUTES

- Critical Thinking/Problem Solving
- Oral/Written Communications
- Career Management

### STUDENT ORGANIZATIONS

- Islander Women in Computer Science
- SACNAS Chapter at Texas A&M-Corpus Christi
- Advancement of Women in Science
- Computing Alliance of Hispanic Serving Institutions at TAMU-CC