

INFORMATION TECHNOLOGY (BSIT)

Program Map

| Course | Title | Credit Hours |
|---------------------------|--|--------------|
| First Year | | |
| Fall | | |
| ENGL 1101 | English Composition I (minimum grade of C) | 3 |
| MATH 1113 | Pre-Calculus (minimum grade of C) | 4 |
| Area B1 | COMM 1110 Public Speaking or foreign language 1001, 1002, 2001, 2002 | 3 |
| CPSC 1301K | Computer Science I (minimum grade of C) | 4 |
| KINS 1106 or PHED 1205 | Lifetime Wellness or Concepts of Fitness | 2 |
| Credit Hours | | 16 |
| Spring | | |
| ENGL 1102 | English Composition II (minimum grade of C) | 3 |
| MATH 2125 | Introduction to Discrete Mathematics (minimum grade of C) | 3 |
| CPSC 1302K | Computer Science II (minimum grade of C) | 4 |
| CPSC 2105 | Computer Organization (minimum grade of C) | 3 |
| AREA C | Fine Arts Elective | 3 |
| Area B2 | ITDS 1779 (2), LEAD 1705 (2), PERS 1506 (1; may be repeated with different topic), PERS 1507 (2) | 1 |
| Credit Hours | | 17 |
| Second Year | | |
| Fall | | |
| STAT 1401 | Elementary Statistics (Area D course) | 3 |
| CYBR 2159 | Fundamentals of Computer Networks (minimum grade of C) | 3 |
| BUSA 2100 | Introduction to Information Systems in Business | 3 |
| AREA C | Humanities Elective | 3 |
| AREA D | Science Elective with Lab | 4 |
| Credit Hours | | 16 |
| Spring | | |
| CPSC 3118 | Graphical User Interface Development (minimum grade of C) | 3 |
| CYBR 2160 | Intro to Information Security (minimum grade of C) | 3 |
| MISM 3115 | Principles of Information Systems Management (minimum grade of C) | 3 |
| HIST 2111 or HIST 2112 | U. S. History to 1865 or U. S. History since 1865 | 3 |
| AREA E | Social Sciences Elective (World Culture) | 3 |
| CPSC 3415 | Information Technology (IT) Practicum (minimum grade of C) | 1 |
| Credit Hours | | 16 |

Third Year

Fall

| | | |
|---------------------|--|-----------|
| CPSC 3165 | Professionalism in Computing (minimum grade of C) | 2 |
| AREA I | General Elective | 3 |
| Area H | CPSC/CYBR/MISM Elective (minimum grade of C) | 2 |
| AREA E | Behavioral Science Elective | 3 |
| POLS 1101 | American Government | 3 |
| CPSC 3415 | Information Technology (IT) Practicum (minimum grade of C) | 1 |
| Credit Hours | | 14 |

Spring

| | | |
|---------------------|---|-----------|
| CPSC 3131 | Database Systems I (minimum grade if C) | 3 |
| Area H | CPSC/CYBR/MISM Upper-Division Elective (minimum grade of C) | 3 |
| Area W | PEDS Elective | 1 |
| AREA I | General Elective | 3 |
| ENGL 5195U | Technical and Scientific Writing | 3 |
| CPSC 3415 | Information Technology (IT) Practicum (minimum grade of C) | 1 |
| Credit Hours | | 14 |

Fourth Year

Fall

| | | |
|---------------------|---|-----------|
| MISM 4168 | Systems Analysis & Design (minimum grade of C) | 3 |
| AREA H | CPSC/CYBR/MISM Upper-Division Elective (minimum grade of C) | 3 |
| Area D | Science Elective with Lab | 4 |
| AREA I | General Elective | 3 |
| AREA I | General Elective | 3 |
| Credit Hours | | 16 |

Spring

| | | |
|---------------------|---|-----------|
| CPSC 4205 | IT Senior Capstone (minimum grade of C) | 3 |
| MISM 4165 | Project Management (minimum grade of C) | 3 |
| CPSC 4000 | Baccalaureate Survey | 0 |
| Area H | CPSC/CYBR/MISM Elective (minimum grade of C) ¹ | 3 |
| Area H | CPSC/CYBR/MISM Elective (minimum grade of C) ¹ | 3 |
| AREA I | General Elective | 2 |
| Credit Hours | | 14 |

Total Credit Hours **123**

¹ Must be a pair of courses: CPSC 2125 Internet Programming-CPSC 4125 Server-Side Web Development or CPSC 3111 COBOL Programming-CPSC 3156 Transaction Processing or CYBR 3106 Cybersecurity Risk Management-CYBR 3119 Fundamentals of Digital Forensics.