

# MINOR IN INFORMATION TECHNOLOGY

Information Technology minors must complete 25 units in computer science, information systems and information technology. Minimum 13 units toward the minor must be taken at Towson University. This minor is available to students who have a major other than Computer Science, Information Systems or Information Technology.

| Code                                     | Title   | Units    |
|--|---|----------|
| <b>Required Courses</b>                  |   |          |
| CIS 211                                  | FUNDAMENTALS OF INFORMATION SYSTEMS & TECHNOLOGY  | 3        |
| COSC 236                                 | INTRODUCTION TO COMPUTER SCIENCE I <sup>1</sup>   | 4        |
| CIS 377                                  | INTRODUCTION TO CYBERSECURITY                     | 3        |
| <b>Foundational Courses</b>              |   | <b>6</b> |
| Select two courses from the following:   |   |          |
| ITEC 231                                 | FUNDAMENTALS OF WEB TECHNOLOGIES                  |          |
| ITEC 250                                 | FUNDAMENTALS OF COMPUTER NETWORKS                 |          |
| ITEC 274                                 | FUNDAMENTALS OF SYSTEM MANAGEMENT                 |          |
| <b>Electives</b>                         |   |          |
| Select three courses from the following: |   | 9        |
| ITEC 315                                 | DATA AND INFORMATION MANAGEMENT                   |          |
| ITEC 325                                 | SYSTEM ADMINISTRATION AND MAINTENANCE             |          |
| ITEC 336                                 | LEGAL AND POLICY ISSUES IN INFORMATION TECHNOLOGY |          |
| ITEC 345                                 | SCRIPTING LANGUAGES                               |          |
| ITEC 357                                 | NETWORKING AND SECURITY PRACTICUM                 |          |
| ITEC 397                                 | INFORMATION TECHNOLOGY INTERNSHIP                 |          |
| ITEC 411                                 | SYSTEM ARCHITECTURE AND INTEGRATION               |          |
| ITEC 423                                 | EMERGING INTERNET TECHNOLOGIES                    |          |
| ITEC 425                                 | IT ENTERPRISE ARCHITECTURE                        |          |
| ITEC 433                                 | CYBER SECURITY RISK MANAGEMENT                    |          |
| ITEC 427                                 | CLOUD COMPUTING FOR ENTERPRISES                   |          |
| ITEC 437                                 | DISASTER RECOVERY AND ENTERPRISE CONTINUITY       |          |
| ITEC 450                                 | ADVANCED COMPUTER NETWORKING                      |          |
| ITEC 451                                 | ADVANCED DATA MANAGEMENT & ANALYSIS               |          |
| ITEC 464                                 | WEB DEVELOPMENT                                   |          |
| ITEC 470                                 | SPECIAL TOPICS IN INFORMATION TECHNOLOGY          |          |
| ITEC 495                                 | INDEPENDENT STUDY IN INFORMATION TECHNOLOGY       |          |
| CIS 435                                  | HUMAN-COMPUTER INTERACTION                        |          |
| CIS 440                                  | SYSTEM DEVELOPMENT / E-COMMERCE                   |          |

CIS 445

 UNIVERSAL USABILITY: DESIGNING  
COMPUTER INTERFACES FOR BLIND  
USERS

Total Units

25

<sup>1</sup> COSC 175 is a prerequisite for COSC 236.