**COURSES THAT FULFILL GENERAL EDUCATION REQUIREMENTS (Courses printed in dark text are required)**

| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| --- | --- | --- |
| ENGLISH & COMMUNICATION | **ENG 121: ENGLISH COMPOSITION I (REQUIRED)**  **ENG 122: ENGLISH COMPOSITION II (REQUIRED)** | 6 |
| MATHEMATICS | **MAT 121: COLLEGE ALGEBRA (REQUIRED)** | 4 |
| BUSINESS | **BUS 115: INTRODUCTION TO BUSINESS (REQUIRED)**  **BUS 217: BUSINESS COMMUNICATIONS AND REPORT WRITING (REQUIRED)** | 6 |
| GENERAL EDUCATION CREDITS | | 16 |

**ADDITIONAL REQUIRED COURSES FOR (PROGRAM NAME)**

| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| --- | --- | --- |
| COMPUTER INFORMATION  SYSTEMS | **CIS 118: INTRODUCTION TO PC APPLICATIONS (REQUIRED)** | 3 |
| COMPUTER INFORMATION  SYSTEMS | **CIS 128: OPERATING SYSTEM: USING WINDOWS, LINUX, OSX (REQUIRED)** | 3 |
| COMPUTER INFORMATION  SYSTEMS | **CIS 202: AUTOMATED PROJECT MANAGEMENT (REQUIRED)** | 3 |
| COMPUTER INFORMATION  SYSTEMS | **CIS 203: TECHNOLOGY FOR CAREER SUCCESS (ONLINE ONLY) (REQUIRED)** | 2 |
| COMPUTER INFORMATION  SYSTEMS | **CIS 243: INTRODUCTION TO SQL (REQUIRED)** | 3 |
| COMPUTER INFORMATION  SYSTEMS | **CIS 268: SYSTEM ANALYSIS AND DESIGN I (REQUIRED)** | 3 |
| COMPUTER NETWORKING  TECHNOLOGY | **CNG 101: NETWORKING FUNDAMENTALS (REQUIRED)** | 3 |
| COMPUTER SCIENCE | **CSC 119: INTRODUCTION TO PROGRAMMING (REQUIRED)** | 3 |
| COMPUTER SCIENCE | **CSC 160: COMPUTER SCIENCE I (REQUIRED)** | 4 |
| COMPUTER SCIENCE | **CSC 161: COMPUTER SCIENCE II (REQUIRED)** | 4 |
| COMPUTER SCIENCE | **CSC 236: C# PROGRAMMING (REQUIRED)** | 4 |
| COMPUTER SCIENCE | **CSC 237: ADVANCED C# PROGRAMMING (REQUIRED)** | 4 |
| COMPUTER WEB BASED | **CWB 110: COMPLETE WEB AUTHORING (REQUIRED)** | 3 |
| COMPUTER WEB BASED | **CWB 205: CLIENT-SIDE SCRIPTING (REQUIRED)** | 3 |
| ADDITIONAL PROGRAM CREDITS | | 45 |

**ELECTIVE COURSES**

| COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| --- | --- |
| SELECT SIX CREDITS:  **CWB 110: COMPLETE WEB AUTHORING**  **CWB 205: CLIENT-SIDE SCRIPTING** | 6 |
| TOTAL CREDIT HOURS | 61 |

(The department recommends taking the courses in this order to complete the degree.)

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| --- | --- |
| SEMESTER 1 | ­ CREDITS |
| **ENG 121: English Composition I (Required - See pathway advisor) (REQUIRED)** | 3 |
| **CIS 128:**  **Operating System: Using Windows, Linux, OSX (REQUIRED)** | 3 |
| **CSC 119: Introduction To Programming (REQUIRED)** | 3 |
| **MAT 121: College Algebra (Required - See pathway advisor) (REQUIRED)** | 4 |
| **CIS 118: Introduction to PC Applications (REQUIRED)** | 3 |
| SEMESTER CREDITS | 16 |
| SEMESTER 2 | ­ CREDITS |
| **CNG 101: Introduction to Networking (REQUIRED)** | 3 |
| **CSC 160: Computer Science I (REQUIRED)** | 4 |
| **CWB 110: Complete Web Authoring (REQUIRED)** | 3 |
| **BUS 115: Introduction to Business (REQUIRED)** | 3 |
| **ENG 122: English Composition II (REQUIRED)** | 3 |
| SEMESTER CREDITS | 16 |
| SEMESTER 3 | ­ CREDITS |
| **CIS 243: Introduction to SQL (REQUIRED)** | 3 |
| **CSC 161: Computer Science II (REQUIRED)** | 4 |
| **CSC 236: C# Programming (REQUIRED)** | 4 |
| **CWB 205: Client-side Scripting (REQUIRED)** | 3 |
| SEMESTER CREDITS | 14 |
| SEMESTER 4 | ­ CREDITS |
| **BUS 217: Business Communications and Report Writing (REQUIRED)** | 3 |
| **CIS 202: Automated Project Management (REQUIRED)** | 3 |
| **CIS 203: Technology For Career Success (ONLINE ONLY) (REQUIRED)** | 2 |
| **CIS 268: System Analysis and Design I (REQUIRED)** | 3 |
| **CSC 237: Advanced C# Programming (REQUIRED)** | 4 |
| SEMESTER CREDITS | 15 |

1 Placement into courses is dependent on test scores or credit for prior learning. See a Pathways Advisor for details. Plans that include ESL, CCR, and AAA courses will increase the total number of hours to completion.