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

| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| --- | --- | --- |
| WRITTEN COMMUNICATION | **ENG 121: ENGLISH COMPOSITION I (REQUIRED)**  **ENG 122: ENGLISH COMPOSITION II (REQUIRED)** | 6 |
| MATHEMATICS | **MAT 121: COLLEGE ALGEBRA (RECOMMENDED) OR MAT 120: MATH FOR LIBERAL ARTS** | 4 |
| SOCIAL & BEHAVIORAL SCIENCES | **ECO 201: PRINCIPLES OF MACROECONOMICS (REQUIRED)** | 3 |
| GENERAL EDUCATION CREDITS | | 13 |

**ADDITIONAL REQUIRED COURSES FOR COMPUTER INFORMATION SYSTEMS (CIS), A.A.S.**

| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| --- | --- | --- |
| COMMUNICATION | **COM 115: PUBLIC SPEAKING OR COM 125: INTERPERSONAL COMMUNICATIONS (REQUIRED)** | 3 |
| BUSINESS | **BUS 115: INTRODUCTION TO BUSINESS (REQUIRED)** | 3 |
| BUSINESS | **BUS 216: LEGAL ENVIRONMENT OF BUSINESS (REQUIRED)** | 3 |
| BUSINESS | **BUS 217: BUSINESS COMMUNICATION & REPORT WRITING (REQUIRED)** | 3 |
| BUSINESS OR SOCIAL & BEHAVIORAL SCIENCES | **BUS 226: BUSINESS STATISTICS OR ECO 202: PRINCIPLES OF MICROECONOMICS (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 115: INTRO TO COMPUTER INFO SYSTEMS (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 118: INTRO TO PC APPLICATIONS (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 128: OPERATING SYSTEMS:WINDOWS, OSX, LINUX (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 145: COMPLETE PC DATABASE (ONLINE) (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 202: AUTOMATED PROJECT MANAGEMENT (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 203: TECHNOLOGY FOR CAREER SUCCESS (ONLINE) (REQUIRED)** | 2 |
| COMPUTER INFORMATION SYSTEMS | **CIS 243: INTRODUCTION TO SQL (FALL ONLY) (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 267: MANAGEMENT OF INFORMATION SYSTEMS (ONLINE) (REQUIRED)** | 3 |
| COMPUTER INFORMATION SYSTEMS | **CIS 268: SYSTEMS ANALYSIS AND DESIGN I (SPRING ONLY) (REQUIRED)** | 3 |
| COMPUTER NETWORKING TECHNOLOGY | **CNG 101: NETWORKING FUNDAMENTALS (REQUIRED)** | 3 |
| COMPUTER SCIENCE | **CSC 119: INTRODUCTION TO PROGRAMMING (REQUIRED)** | 3 |
| ADDITIONAL PROGRAM CREDITS | | 47 |
| TOTAL CREDIT HOURS | | 60 |

(The department recommends taking the courses in this order to complete the degree.   
FOR COURSES THAT ARE NOT REQUIRED: If you cannot register for the course on this map or want to take one that is not listed, please talk to your pathway advisor.)

|  |  |
| --- | --- |
| SEMESTER 1 | ­ CREDITS |
| **ENG 121: English Composition I (REQUIRED)** | 3 |
| **MAT 120: Math For Liberal Arts OR MAT 121: College Algebra (REQUIRED)** | 4 |
| **CIS 115: Introduction to Computer Information Systems (REQUIRED)** | 3 |
| **CIS 118: Introduction to PC Applications (REQUIRED)** | 3 |
| **CIS 128: Operating Systems: Windows, OSX, Linux (REQUIRED)** | 3 |
| SEMESTER CREDITS | 16 |
| SEMESTER 2 | ­ CREDITS |
| **ENG 122: English Composition II (REQUIRED)** | 3 |
| **CIS 202: Automated Project Management: MS Project (REQUIRED)** | 3 |
| **CIS 145: Complete PC Database (ONLINE) (REQUIRED)** | 3 |
| **BUS 115: Introduction to Business (REQUIRED)** | 3 |
| **CSC 119: Introduction to Programming (REQUIRED)** | 3 |
| SEMESTER CREDITS | 15 |
| SEMESTER 3 | ­ CREDITS |
| **CNG 101: Networking Fundamentals (REQUIRED)** | 3 |
| **CIS 267: Management of Information Systems (ONLINE) (REQUIRED)** | 3 |
| **CIS 243: Introduction to SQL (FALL ONLY) (REQUIRED)** | 3 |
| **ECO 201: Principles Of Macroeconomics (REQUIRED)** | 3 |
| **BUS 217: Business Communication & Report Writing (REQUIRED)** | 3 |
| SEMESTER CREDITS | 15 |
| SEMESTER 4 | ­ CREDITS |
| **CIS 203: Technology for Career Success (ONLINE) (REQUIRED)** | 2 |
| **CIS 268: Systems Analysis and Design I (SPRING ONLY)(REQUIRED)** | 3 |
| **BUS 216: Legal Environment of Business (REQUIRED)** | 3 |
| **BUS 226: Business Statistics OR ECO 202: Principles of**  **Microeconomics (REQUIRED)** | 3 |
| **COM 115: Public Speaking OR COM 125: Interpersonal**  **Communications (REQUIRED)** | 3 |
| SEMESTER CREDITS | 14 |

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.