**COURSES THAT FULFILL GENERAL EDUCATION REQUIREMENTS**

| 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 201: CALCULUS I (REQUIRED)** | 5 |
| ARTS & HUMANITIES**(SELECT THREE)** | PHI 113: LOGICPHI 218: ENVIRONMENTAL ETHICSHUM 123: THE MODERN WORLD HUM 115: WORLD MYTHOLOGYLIT 115: INTRODUCTION TO LITERATURE LIT 205: ETHNIC LITERATURE | 9 |
| HISTORY**(SELECT ONE)** | HIS 244: HISTORY OF LATIN AMERICAHIS 247: 20TH CENTRURY WORLD HISTORY HIS 122: US HISTORY SINCE CIVIL WAR | 3 |
| SOCIAL & BEHAVIORAL SCIENCES**(SELECT ONE)** | POS 205: INTERNATIONAL RELATIONSGEO 106: HUMAN GEOGRAPHYPSY 101: GENERAL PSYCHOLOGY I PSY 102: GENERAL PSYCHOLOGY IIWST 200: INTRODUCTION TO WOMEN’S STUDIESETH 200: INTRODUCTION TO ETHNIC LITERATURE | 6 |
| NATURAL & PHYSICAL SCIENCES | **PHY 211: PHYSICS: CALCULUS BASED I WITH LAB (REQUIRED)****PHY 212 PHYSICS: CALCULUS BASED II WITH LAB (REQUIRED)** | 10 |
| GENERAL EDUCATION CREDITS | 39 |

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

| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| --- | --- | --- |
| COMMUNICATIONS | **COM 115: PUBLIC SPEAKING (REQUIRED) OR****COM 125: INTERPERSONAL COMMUNICATION (REQUIRED)** | 3 |
| MATHEMATICS | **MAT 202: CALCULUS II (REQUIRED)****MAT 203: CALCULUS III OR MAT 204: CALCULUS III W/ENGINEERING APPLICATIONS (REQUIRED – SELECT ONE)** | 9-10 |
| COMPUTER SCIENCE | **CSC 160: COMPUTER SCIENCE I: JAVA (REQUIRED)**CSU-Ft Collins requires a different computer science course than the community college course. Seek advising at CSU-Ft Collins for information on the appropriate computer science course to take. | 4 |
| ADDITIONAL PROGRAM CREDITS | 16 - 17 |

**ELECTIVE COURSES**

| COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| --- | --- |
| MAT 261: DIFFERENTIAL EQUATIONS WITH ENGINEERING APPLICATIONSMAT 265: DIFFERENTIAL EQUATIONSMAT 266: DIFFERENTIAL EQUATIONS WITH LINEAR ALGEBRACSC 119: INTRODUCTION TO PROGRAMMING | 4-5 |
|  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 201: Calculus I (REQUIRED)** | **5** |
| HIS 244: History of Latin America OR HIS 247: 20TH Century World History OR HIS225: Colorado History | 3 |
| PHI 113: Logic OR PHI 218: Environmental Ethics OR HUM 123: The Modern WorldOR HUM 115: World Mythology OR LIT 115: Introduction to Literature OR LIT 205:Ethnic Literature | 3 |
|  SEMESTER CREDITS | 14 |
| SEMESTER 2 | ­ CREDITS |
| **MAT 202: Calculus II (REQUIRED)** | **5** |
| **ENG 122: English Composition II (REQUIRED)** | **3** |
| CSC 119: Introduction To Programming | 3 |
| PHI 113: Logic OR PHI 218: Environmental Ethics OR HUM 123: The Modern WorldOR HUM 115: World Mythology OR LIT 115: Introduction to Literature OR LIT 205:Ethnic Literature | 3 |
| POS 205: International Relations OR GEO 106: Human Geography OR PSY 101:General Psychology I OR PSY 102: General Psychology II OR WST 200: Introduction to Women’s Studies OR ETH 200: Introduction to Ethnic Literature | 3 |
| SEMESTER CREDITS | 17 |
| SEMESTER 3 | ­ CREDITS |
| **COM 115: Public Speaking OR COM 125: Interpersonal Communication (REQUIRED – SELECT ONE)** | **3** |
| **PHY 211: Calculus Based Physics I (REQUIRED)** | **5** |
| **CSC 160 : Computer Science I: Java (REQUIRED)** | **4** |
| PHI 113: Logic OR PHI 218: Environmental Ethics OR HUM 123: The Modern WorldOR HUM 115: World Mythology OR LIT 115: Introduction to Literature OR LIT 205:Ethnic Literature | 3 |
| SEMESTER CREDITS | 15 |
| SEMESTER 4 | ­ CREDITS |
| **MAT 203: Calculus III OR MAT 204: Calculus III W/Engineering Applications (REQUIRED – SELECT ONE)** | **4-5** |
| **PHY 212: Calculus Based Physics II (REQUIRED)** | 5 |
| POS 205: International Relations OR GEO 106: Human Geography OR PSY 101:General Psychology I OR PSY 102: General Psychology II OR WST 200: Introduction to Women’s Studies OR ETH 200: Introduction to Ethnic Literature | 3 |
| Elective: see Pathway Advisor | 1-2 |
| SEMESTER CREDITS | 14 |