| Science, Technology, Engineering & Math | ASSOCIATE OF SCIENCE DEGREE CORE (Transfer Major) |
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**COURSES THAT FULFILL GENERAL EDUCATION REQUIREMENTS (Courses printed in dark text are required)**

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| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTALCREDITS |
| ENGLISH & COMMUNICATION | **ENG 121: ENGLISH COMPOSITION I (REQUIRED)** **ENG 122: ENGLISH COMPOSITION II (REQUIRED)** | 6 |
| ENGLISH & COMMUNICATION | **COM 115: PUBLIC SPEAKING**  | 3 |
| MATHEMATICS\*(SELECT ONE) | **MAT 121: COLLEGE ALGEBRA****MAT 122: COLLEGE TRIGONOMETRY****MAT 166: PRE-CALCULUS****MAT 201: CALCULUS I**  | 5 |
| **ARTS AND HUMANITIES****(SELECT TWO)** | **PHII 112: ETHICS****PHI 113: LOGIC****LIT 115: INTRODUCTION TO LITERATURE****LIT 205: ETHNIC LITERATURE** | 6 |
| **HISTORY (SELECT ONE)** | **HIS 205: WOMEN IN U.S. HISTORY****HIS 250: AFRICAN AMERICAN HISTORY****HIS 244: HISTORY OF LATIN AMERICA** **HIS 247: 20TH CENTURY WORLD HISTORY** | 3 |
| **SOCIAL & BEHAVIORAL****SCIENCES &****ECONOMIC SYSTEMS****(SELECT TWO)** | **PSY 101: GENERAL PSYCHOLOGY I****SOC 101: INTRODUCTION TO SOCIOLOGY I****ECO 201: PRINCIPLES OF MACROECONOMICS****ECO 202: PRINCIPLES OF MICROECONOMICS** | 6 |
| **NATURAL & PHYSICAL SCIENCES****(CHOOSE THREE)** | **BIO 111: GENERAL COLLEGE BIOLOGY I WITH LAB** **BIO 112: GENERAL COLLEGE BIOLOGY II WITH LAB****CHE 111: GENERAL COLLEGE CHEMISTRY I WITH LAB** **CHE 112: GENERAL COLLEGE CHEMISTRY II WITH LAB** | 15 |
| GENERAL EDUCATION CREDITS | 44 |

\*Please talk to your Pathway Advisor about the math requirement for the college or university where you intend to transfer.

**ELECTIVE COURSES**

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| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTAL CREDITS |
| PHY111: ALGEBRA BASED PHYSICS I WITH LABPHY112: ALGEBRA BASED PHYSICS II WITH LAB | 10 |
| Choose your electives based on where you would like to transfer. Each 4-year institution may have different requirements. Many Colorado 4-year institutions require foreign language for admission. Please talk to your Pathway Advisor for more details.**BUS 115: INTRODUCTION TO BUSINESS****CIS 128: INTRODUCTION TO OPERATING SYSTEMS****ETH 200: INTRODUCTION TO ETHNIC STUDIES****SOC 218: SOCIOLOGY OF DIVERSITY** | 6 |
| 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.)

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| SEMESTER 1 | ­ CREDITS |
| **ENG 121: English Composition I (REQUIRED)** | **3** |
| **MAT 201: Calculus I (REQUIRED)** | **5** |
| **COM 115: Public Speaking (REQUIRED)**  | **3** |
| PHI 112: Ethics OR PHI 113: Logic OR LIT 115: Introduction to Literature OR LIT 205: Ethnic Literature | **3** |
|  SEMESTER CREDITS | **14** |
| SEMESTER 2 | **­ CREDITS** |
| **ENG 122: English Composition II (REQUIRED)** | **3** |
| BIO 111: General College Biology I with lab OR CHE 111: General College Chemistry I with lab | **5** |
| PSY 101: General Psychology I or SOC 101 Introduction to Sociology I OR ECO 201: Principles of Macroeconomics OR ECO 202: Principles of Microeconomics | **3** |
| PHY 111: Physics: Algebra Based I with lab | **5** |
| SEMESTER CREDITS | **16** |
| SEMESTER 3 | **­ CREDITS** |
| BIO 111: General College Biology I with lab OR CHE 111: General College Chemistry I with lab | **5** |
| PHY 112: Physics: Algebra Based II with lab  | **5** |
| HIS 205: Women in U.S. History OR HIS 250: African American History OR HIS 244: History of Latin America OR HIS 247: 20th Century World History  | **3** |
| Elective choice (see your Pathway Advisor): BUS 115: Intro to Business OR CIS 128: Intro to Operating Systems OR eth 200: Intro to Ethnic Studies OR SOC 218: Sociology of Diversity | **3** |
| SEMESTER CREDITS | **16** |
| SEMESTER 4 | **­ CREDITS** |
| BIO 112: General College Biology II with lab OR CHE 112: General College Chemistry II with lab  | **5** |
| PHI 112: Ethics OR PHI 113: Logic OR LIT 115: Introduction to Literature OR LIT 205: Ethnic Literature | **3** |
| PSY 101: General Psychology I or SOC 101 Introduction to Sociology I OR ECO 201: Principles of Macroeconomics OR ECO 202: Principles of Microeconomics | **3** |
| Elective choice (see your Pathway Advisor): BUS 115: Intro to Business OR CIS 128: Intro to Operating Systems OR eth 200: Intro to Ethnic Studies OR SOC 218: Sociology of Diversity | **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, AAA, and other prerequisite courses will increase the total number of hours to completion.