www.hutchcc.edu/request-info

# Mathematics

**Degree Pathway**

An Associate of Science provides a general education degree designed for students planning to transfer to four-year colleges and universities and pursue, in general, majors in science (computer, natural, physical, and social sciences), mathematics, and business. Of the 60 total credits needed to complete this degree pathway, 34-35 credit hours make up the Systemwide General Education Framework. The Additional Pathway Electives are courses specifically chosen for this transfer pathway. For more information about transfer and Systemwide General Education (SGE) please visit https://www.hutchcc.edu/transfer. This is a suggested list of courses. Consult with an advisor for more information.

( ) are Systemwide Transfer Courses

( ★ ) are recommended for this degree pathway.

| Systemwide General Education Framework | | | |
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| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| **English Options (SGE) 010** | | **6.00** | **6 credits required.** |
| EN101 | English Composition IA | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: HS GPA over 3.0, or Accu NG Writing Score 255+ & Accu NG Reading Score 255+, and ACT Reading Score of 18 or above, or ACT English Score of 18 or above. |
| EN102 | English Composition II | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN101H English Comp IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| **Communication Options (SGE) 020** | | **3.00** | **3 credits required.** |
| SH101 | Public Speaking | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SH210 | Interpersonal Communication | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| **Mathematics Options (SGE) 030** | | **3.00** | **3 credits required.** |
| MA106 | College Algebra | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher. |
| MA108 | Elements of Statistics | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher. |
| MA117 | Contemporary Math | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher. |
| **Natural & Physical Science Lab Options (SGE) 040** | | **5.00** | **4-5 credits required including a lab.** |
| BI101 | General Biology | 4.00 | Fall 2026, Spring 2027, Summer 2027 |
| BI103 | Human Anatomy and Physiology | 6.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C. |
| BI104 | Biology I | 5.00 | Fall 2026, Spring 2027 |
| BI105 | Biology II | 5.00 | Spring 2027<br>Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I. |
| BI107 | Human Anatomy and Physiology I | 4.00 | Fall 2026, Spring 2027, Summer 2027 |
| BI108 | Human Anatomy and Physiology II | 4.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: BI107 Human Anatomy and Physiology I. |
| BI112 | General Microbiology | 4.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: (BI101,BI103,BI104,BI105)BI107 is not a valid prereq code. |

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| CH101 | General Chemistry | 5.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics. |
| ★ CH105 | Chemistry I | 5.00 | Fall 2026, Spring 2027<br>Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or Accuplacer Math Score of 81+. |
| CH106 | Chemistry II | 5.00 | Spring 2027<br>Prereq: CH105 Chemistry I with a C or Higher. |
| CH108 | Principles of Organic and Biochemistry | 5.00 | Fall 2026<br>Prereq: CH105 Chemistry I, or Departmental Consent. |
| PY103 | Physical Geology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PY104L | Physical Geology Lab | 1.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: PY103 Physical Geology. |
| PY110 | Physical Science | 5.00 | Fall 2026, Spring 2027 |
| PY112 | General Physics I | 5.00 | Fall 2026<br>Prereq: MA106 College Algebra or higher math. |
| PY113 | General Physics II | 5.00 | Spring 2027<br>Prereq: PY112 Gen Physics I. |
| PY201 | Engineering Physics I | 5.00 | Fall 2026<br>Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. |
| PY202 | Engineering Physics II | 5.00 | Spring 2027<br>Prereq: PY201 Eng Phys I with grade of C or better. |
| **Social & Behavioral Sciences Options (SGE) 050** | | **6.00** | **6 credits required from two disciplines.** |
| EC100 | Macroeconomics | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| EC101 | Microeconomics | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| GE101 | World Geography | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| GO100 | American Government | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| GO101 | State and Local Government | 3.00 | |
| GO102 | International Relations | 3.00 | Spring 2027 |
| GO110 | Introduction to Political Science | 3.00 | Fall 2026 |
| GO132 | Comparative Politics | 3.00 | Fall 2026, Spring 2027 |
| LE101 | Introduction to Criminal Justice | 3.00 | Fall 2026, Spring 2027 |
| LE205 | Criminal Law | 3.00 | Fall 2026 |
| PS100 | General Psychology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PS101 | Human Relations | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PS102 | Human Growth and Development | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: PS100 General Psychology. |
| PS201 | Psychology of Personality | 3.00 | Fall 2026, Spring 2027<br>Prereq: PS100 General Psychology with grade of C or higher. |
| PS202 | Abnormal Psychology | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: PS100 General Psychology. |
| SO100 | Fundamentals of Sociology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SO101 | Marriage and Family | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SO106 | Introduction to Women's Studies | 3.00 | Fall 2026 |
| SO111 | Cultural Anthropology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SO113 | Cultural Diversity | 3.00 | Fall 2026, Spring 2027 |
| SO122 | Introduction to Social Work | 3.00 | Fall 2026, Spring 2027 |
| SO201 | Social Problems | 3.00 | Spring 2027, Summer 2027<br>Prereq: SO100 Fundamentals of Sociology. |
| **Arts and Humanities Options (SGE) 060** | | **6.00** | **6 credits required from two disciplines.** |
| AR101 | Art Appreciation | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| AR104 | Art History: Paleolithic to Medieval | 3.00 | Fall 2026 |

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| AR105 | Art History: Renaissance to Modern | 3.00 | Spring 2027 |
| AR106 | Art in the Elementary Classroom | 3.00 | Fall 2026, Spring 2027 |
| EN120 | Children's Literature | 3.00 | Fall 2026, Spring 2027 |
| EN121 | World Mythology | 3.00 | Spring 2027<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN128 | Introduction to Creative Writing | 3.00 | Fall 2026, Spring 2027 |
| EN201 | Introduction to Literature | 3.00 | Fall 2026, Summer 2027<br>Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher. |
| EN202 | British Literature I | 3.00 | Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN203 | British Literature II | 3.00 | Spring 2027<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN204 | American Literature I | 3.00 | Fall 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN205 | American Literature II | 3.00 | Spring 2027<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN207 | Introduction to Shakespeare | 3.00 | Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN214 | Introduction to Cultural Studies: Fairy Tales | 3.00 | Fall 2026, Spring 2027<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN217 | Podcast Fiction | 3.00 | Prereq: EN100 English Comp IB, or EN101 English Composition IA. |
| HI101 | American History 1492-1865 | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI102 | American History 1865-Present | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI103 | World History to 1600 | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI104 | World History Since 1600 | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI112 | Western Civilization to 1500 | 3.00 | Fall 2026 |
| HI113 | Western Civilization 1500-Present | 3.00 | Spring 2027, Summer 2027 |
| HI122 | Film History of World War II | 3.00 | |
| HI122L | Film History of World War II Lab | 0.00 | |
| HI201 | Topics in History | 3.00 | Spring 2027 |
| JL101 | Introduction to Mass Communications | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| MU101 | Music Appreciation | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| MU106 | Music Theory I | 3.00 | Fall 2026 |
| MU107 | Music Theory II | 3.00 | Spring 2027<br>Prereq: MU106 Music Theory I. |
| MU127 | Introduction To Jazz/Jazz Rock | 3.00 | Fall 2026, Spring 2027 |
| MU201 | Music in the Elementary Classroom | 3.00 | Fall 2026 |
| MU206 | Music Theory III | 3.00 | Fall 2026<br>Prereq: MU107 Music Theory II. |
| MU207 | Music Theory IV | 3.00 | Spring 2027<br>Prereq: MU206 Music Theory III. |
| PL101 | Introduction to Philosophy | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PL103 | Logic and Critical Thinking | 3.00 | Fall 2026, Spring 2027 |
| PL104 | Ethics | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PL105 | Death and Dying | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| RE101 | New Testament Literature | 3.00 | Fall 2026, Spring 2027 |
| RE102 | Old Testament Literature | 3.00 | Fall 2026 |
| RE106 | Introduction to World Religions | 3.00 | Spring 2027 |
| SH101 | Public Speaking | 3.00 | Fall 2026, Spring 2027, Summer 2027 |

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| SH103 | Oral Interpretation | 3.00 | |
| SH122 | Voice and Diction | 3.00 | Spring 2027 |
| SH210 | Interpersonal Communication | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SO113 | Cultural Diversity | 3.00 | Fall 2026, Spring 2027 |
| SP101 | Elementary Spanish I | 5.00 | Fall 2026, Spring 2027, Summer 2027 |
| SP102 | Elementary Spanish II | 5.00 | Fall 2026, Spring 2027<br>Prereq: SP101 Elementary Spanish I. |
| SP105 | Elementary Spanish III | 5.00 | Prereq: SP102 Spanish II. |
| TH115 | Theatre Appreciation | 3.00 | Fall 2026, Spring 2027 |
| TH122 | Voice and Diction | 3.00 | Spring 2027 |
| **Institutional Options (SGE) [070]** | | **6.00** | **6 credits required.** |
| AR101 | Art Appreciation | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| AR104 | Art History: Paleolithic to Medieval | 3.00 | Fall 2026 |
| AR105 | Art History: Renaissance to Modern | 3.00 | Spring 2027 |
| AR106 | Art in the Elementary Classroom | 3.00 | Fall 2026, Spring 2027 |
| AR110 | Drawing I | 3.00 | Fall 2026 |
| AR116 | Ceramics I | 3.00 | Fall 2026 |
| AR122 | 2-D Design | 3.00 | Fall 2026 |
| AR123 | 3-D Design | 3.00 | Spring 2027 |
| ★ BI101 | General Biology | 4.00 | Fall 2026, Spring 2027, Summer 2027 |
| BI102 | Ecology of Environmental Problems | 3.00 | Spring 2027 |
| BI103 | Human Anatomy and Physiology | 6.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C. |
| BI104 | Biology I | 5.00 | Fall 2026, Spring 2027 |
| BI105 | Biology II | 5.00 | Spring 2027<br>Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I. |
| BI107 | Human Anatomy and Physiology I | 4.00 | Fall 2026, Spring 2027, Summer 2027 |
| BI108 | Human Anatomy and Physiology II | 4.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: BI107 Human Anatomy and Physiology I. |
| BI112 | General Microbiology | 4.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: (BI101,BI103,BI104,BI105)BI107 is not a valid prereq code. |
| BU101 | Accounting I | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| BU102 | Accounting II | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: BU101 Accounting I with a grade of C or better, or BU101H Honors Accounting I with a Grade of C or Higher, or BA101 Accounting I with a grade of C or better. |
| BU105 | Introduction to Business | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| BU107 | Personal Finance | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| BU109 | Business Communications | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| BU118 | Introduction to Leadership | 3.00 | Fall 2026, Spring 2027 |
| BU201 | Managerial Accounting | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: BU102 with a C or higher or BA102 with a C or higher. |
| BU202 | Marketing | 3.00 | Fall 2026, Spring 2027 |
| BU203 | Management | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| BU205 | Business Law I | 3.00 | Fall 2026, Spring 2027 |
| CC101 | Introduction to Early Childhood Education | 3.00 | Fall 2026, Spring 2027 |
| CC105 | Infant and Toddler Development | 3.00 | Fall 2026 |
| CH101 | General Chemistry | 5.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics. |
| ★ CH105 | Chemistry I | 5.00 | Fall 2026, Spring 2027 |

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| | | | Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or Accuplacer Math Score of 81+. |
| CH106 | Chemistry II | 5.00 | Spring 2027<br>Prereq: CH105 Chemistry I with a C or Higher. |
| CH108 | Principles of Organic and Biochemistry | 5.00 | Fall 2026<br>Prereq: CH105 Chemistry I, or Departmental Consent. |
| CH201 | Organic Chemistry I | 5.00 | Fall 2026<br>Prereq: CH106 Chemistry II. |
| CH202 | Organic Chemistry II | 5.00 | Spring 2027<br>Prereq: CH201 Organic Chemistry I. |
| CS111 | Introduction to Programming | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| CS200 | Problem Solving and Programming | 4.00 | Fall 2026, Spring 2027<br>Prereq: MA106 College Algebra, or Departmental Consent, and CS111 Intro to Programming. |
| CS206 | Data Structures and Algorithms | 3.00 | Fall 2026, Spring 2027<br>Prereq: CS200 Problem Solving and Programming. |
| EC100 | Macroeconomics | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| EC101 | Microeconomics | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| ED201 | Introduction to Education | 3.00 | Fall 2026, Spring 2027<br>Prereq: a GPA of 2.5 or higher, and PS100 General Psychology. |
| ED201L | Introduction to Education Practicum | 1.00 | Fall 2026, Spring 2027<br>Prereq: a GPA of 2.5 or higher, and PS100 General Psychology. |
| ED205 | Educating Exceptional Students | 3.00 | Fall 2026, Spring 2027<br>Prereq: ED201 Introduction to Education with a grade of C or higher. |
| ED206 | Technology for Teachers | 3.00 | Fall 2026, Spring 2027 |
| ED207 | Elementary School PE & Health | 3.00 | Spring 2027 |
| EN120 | Children's Literature | 3.00 | Fall 2026, Spring 2027 |
| EN128 | Introduction to Creative Writing | 3.00 | Fall 2026, Spring 2027 |
| EN201 | Introduction to Literature | 3.00 | Fall 2026, Summer 2027<br>Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher. |
| EN204 | American Literature I | 3.00 | Fall 2026<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| EN205 | American Literature II | 3.00 | Spring 2027<br>Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher. |
| GE101 | World Geography | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| GO100 | American Government | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| GO101 | State and Local Government | 3.00 | |
| GO102 | International Relations | 3.00 | Spring 2027 |
| GO110 | Introduction to Political Science | 3.00 | Fall 2026 |
| GO132 | Comparative Politics | 3.00 | Fall 2026, Spring 2027 |
| HE202 | Nutrition | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI101 | American History 1492-1865 | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI102 | American History 1865-Present | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI103 | World History to 1600 | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HI104 | World History Since 1600 | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| HR105 | Medical Terminology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| IS104 | Microcomputer Applications | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| JL101 | Introduction to Mass Communications | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| LE101 | Introduction to Criminal Justice | 3.00 | Fall 2026, Spring 2027 |
| LE205 | Criminal Law | 3.00 | Fall 2026 |
| MA106 | College Algebra | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher. |

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| MA107 | Plane Trigonometry | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36. |
| MA108 | Elements of Statistics | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher. |
| MA110 | Calculus | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36, or MA109 Pre-Calculus Math with a grade of C or higher. |
| ★ MA111 | Analytical Geometry and Calculus I | 5.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA107 Plane Trigonometry with a grade of C or higher, or ACT Math Score of 25 to 36, or MA109 Pre-Calculus Math with a grade of C or higher. |
| MA113 | Analytical Geometry and Calculus II | 5.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA111 with a grade of C or higher. |
| MA117 | Contemporary Math | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher. |
| MA206 | Differential Equations | 3.00 | Spring 2027<br>Prereq: MA113 with a grade of C or higher. |
| MU101 | Music Appreciation | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| MU103 | Aural Skills I | 1.00 | Fall 2026 |
| MU104 | Aural Skills II | 1.00 | Spring 2027<br>Prereq: MU103 Aural Skills I. |
| MU106 | Music Theory I | 3.00 | Fall 2026 |
| MU107 | Music Theory II | 3.00 | Spring 2027<br>Prereq: MU106 Music Theory I. |
| MU201 | Music in the Elementary Classroom | 3.00 | Fall 2026 |
| PE105 | Personal and Community Health | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PE106 | First Aid and CPR | 2.00 | Fall 2026, Spring 2027 |
| PE185 | Exercise Physiology | 3.00 | Spring 2027 |
| PL101 | Introduction to Philosophy | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PL103 | Logic and Critical Thinking | 3.00 | Fall 2026, Spring 2027 |
| PL104 | Ethics | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PS100 | General Psychology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PS102 | Human Growth and Development | 3.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: PS100 General Psychology. |
| PY102 | Weather and Climate | 3.00 | Spring 2027 |
| PY103 | Physical Geology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PY104L | Physical Geology Lab | 1.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: PY103 Physical Geology. |
| PY110 | Physical Science | 5.00 | Fall 2026, Spring 2027 |
| PY112 | General Physics I | 5.00 | Fall 2026<br>Prereq: MA106 College Algebra or higher math. |
| PY113 | General Physics II | 5.00 | Spring 2027<br>Prereq: PY112 Gen Physics I. |
| PY201 | Engineering Physics I | 5.00 | Fall 2026<br>Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. |
| PY202 | Engineering Physics II | 5.00 | Spring 2027<br>Prereq: PY201 Eng Phys I with grade of C or better. |
| RE101 | New Testament Literature | 3.00 | Fall 2026, Spring 2027 |
| RE102 | Old Testament Literature | 3.00 | Fall 2026 |
| RE106 | Introduction to World Religions | 3.00 | Spring 2027 |
| SH101 | Public Speaking | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SH122 | Voice and Diction | 3.00 | Spring 2027 |
| SH210 | Interpersonal Communication | 3.00 | Fall 2026, Spring 2027, Summer 2027 |

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| SM180 | Basic Sports Medicine | 3.00 | Fall 2026, Spring 2027 |
| SO100 | Fundamentals of Sociology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SO101 | Marriage and Family | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SO106 | Introduction to Women's Studies | 3.00 | Fall 2026 |
| SO111 | Cultural Anthropology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| SO113 | Cultural Diversity | 3.00 | Fall 2026, Spring 2027 |
| SO122 | Introduction to Social Work | 3.00 | Fall 2026, Spring 2027 |
| SO201 | Social Problems | 3.00 | Spring 2027, Summer 2027<br>Prereq: SO100 Fundamentals of Sociology. |
| SP101 | Elementary Spanish I | 5.00 | Fall 2026, Spring 2027, Summer 2027 |
| SP102 | Elementary Spanish II | 5.00 | Fall 2026, Spring 2027<br>Prereq: SP101 Elementary Spanish I. |
| SP105 | Elementary Spanish III | 5.00 | Prereq: SP102 Spanish II. |
| TH115 | Theatre Appreciation | 3.00 | Fall 2026, Spring 2027 |
| TH116 | Acting I | 3.00 | Fall 2026 |
| TH121 | Acting II | 3.00 | Fall 2026<br>Prereq: TH116 Acting I with a grade of C or better. |
| TH122 | Voice and Diction | 3.00 | Spring 2027 |
| **Additional Pathway Electives** | | | |
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| CS203 | Discrete Structures | 3.00 | Fall 2026, Spring 2027<br>Prereq: MA106 College Algebra with a grade of C or higher. |
| MA113 | Analytical Geometry and Calculus II | 5.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA111 with a grade of C or higher. |
| MA201 | Analytical Geometry and Calculus III | 5.00 | Fall 2026, Summer 2027<br>Prereq: MA113 with a grade of C or higher. |
| MA206 | Differential Equations | 3.00 | Spring 2027<br>Prereq: MA113 with a grade of C or higher. |
| PY110 | Physical Science | 5.00 | Fall 2026, Spring 2027 |
| **Natural or Physical Science w/Lab Options** | | **5.00** | |
| BI101 | General Biology | 4.00 | Fall 2026, Spring 2027, Summer 2027 |
| BI103 | Human Anatomy and Physiology | 6.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C. |
| BI104 | Biology I | 5.00 | Fall 2026, Spring 2027 |
| BI105 | Biology II | 5.00 | Spring 2027<br>Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I. |
| BI112 | General Microbiology | 4.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: (BI101,BI103,BI104,BI105)BI107 is not a valid prereq code. |
| CH101 | General Chemistry | 5.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics. |
| CH105 | Chemistry I | 5.00 | Fall 2026, Spring 2027<br>Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or Accuplacer Math Score of 81+. |
| CH106 | Chemistry II | 5.00 | Spring 2027<br>Prereq: CH105 Chemistry I with a C or Higher. |
| CH108 | Principles of Organic and Biochemistry | 5.00 | Fall 2026<br>Prereq: CH105 Chemistry I, or Departmental Consent. |
| PY103 | Physical Geology | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| PY104L | Physical Geology Lab | 1.00 | Fall 2026, Spring 2027, Summer 2027<br>Prereq: PY103 Physical Geology. |
| PY110 | Physical Science | 5.00 | Fall 2026, Spring 2027 |
| PY112 | General Physics I | 5.00 | Fall 2026<br>Prereq: MA106 College Algebra or higher math. |

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| PY113 | General Physics II | 5.00 | Spring 2027<br>Prereq: PY112 Gen Physics I. |
| PY201 | Engineering Physics I | 5.00 | Fall 2026<br>Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. |
| PY202 | Engineering Physics II | 5.00 | Spring 2027<br>Prereq: PY201 Eng Phys I with grade of C or better. |

## Total Credits: 61.00

*A minimum of 60 hours is required to earn a HutchCC AA, AS, or AFA degree; however additional credit hours may be outlined on the transfer pathway to meet the program requirements for a 4-year institution.

**34-35 credit hours fulfill the Systemwide General Education Core.

**Program Notes**:

Additional credits earned for MA111 will be applied to electives. Although the SGE requires 4-5 credit hours of a lecture and lab course in the Natural Science area, a student must complete 9 credit hours of Natural Science & Mathematics courses (with at least 4 hours being a lecture and lab science course) to meet the HutchCC Associate of Science degree requirement.