www.hutchcc.edu/request-info

# Physics - AS

**Semester-by-Semester Pathway**

This degree pathway is outlined as a 2 year degree to transfer. This is a suggested semester by semester list of courses based on the average student load. Consult with your advisor for more information. Not all courses are offered each semester.

( ) are Systemwide Transfer Courses

( ★ ) are recommended for this degree pathway.

| Semester 1 - Fall | | | | |
|---|---|---|---|---|
| **Complete** | **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| **Systemwide General Education Framework** | | | | |
| | **English Options (SGE) 010** | | 3.00 | 6 credits required. |
| | **Mathematics Options (SGE) 030** | | 3.00 | 3 credits required. |
| | **Natural & Physical Science Lab Options (SGE) 040** | | 5.00 | 4-5 credits required including a lab. |
| | **Social & Behavioral Sciences Options (SGE) 050** | | 3.00 | 6 credits required from two disciplines. |
| **Additional Pathway Electives** | | | | |
| | | **Semester Total**: | **14.00** | |

| Semester 2 - Spring | | | | |
|---|---|---|---|---|
| **Complete** | **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| **Systemwide General Education Framework** | | | | |
| | **English Options (SGE) 010** | | 3.00 | 6 credits required. |
| | **Arts and Humanities Options (SGE) 060** | | 3.00 | 6 credits required from two disciplines. |
| **Additional Pathway Electives** | | | | |
| | CH106 | Chemistry II | 5.00 | Spring 2027<br>Prereq: CH105 Chemistry I with a 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. |
| | | **Semester Total**: | **16.00** | |

| Semester 3 - Fall | | | | |
|---|---|---|---|---|
| **Complete** | **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| **Systemwide General Education Framework** | | | | |
| | **Social & Behavioral Sciences Options (SGE) 050** | | 3.00 | 6 credits required from two disciplines. |
| | **Arts and Humanities Options (SGE) 060** | | 3.00 | 6 credits required from two disciplines. |
| | **Institutional Options (SGE) 070** | | 5.00 | 6 credits required. |
| **Additional Pathway Electives** | | | | |

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| | MA201 | Analytical Geometry and Calculus III | 5.00 | Fall 2026, Summer 2027<br>Prereq: MA113 with a grade of C or higher. |
| | | **Semester Total**: | **16.00** | |

| Semester 4 - Spring | | | | |
|---|---|---|---|---|
| **Complete** | **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| **Systemwide General Education Framework** | | | | |
| | **Communication Options (SGE)** **020** | | 3.00 | 3 credits required. |
| | **Institutional Options (SGE)** **070** | | 1.00 | 6 credits required. |
| **Additional Pathway Electives** | | | | |
| | **All Electives** | | 4.00 | |
| | CS111 | Introduction to Programming | 3.00 | Fall 2026, Spring 2027, Summer 2027 |
| | MA206 | Differential Equations | 3.00 | Spring 2027<br>Prereq: MA113 with a grade of C or higher. |
| | | **Semester Total**: | **14.00** | |

# Total Credits: 60.00

*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 Framework.

***Semester offerings reflect the current academic year.

| English Options (SGE) 010 | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| 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 | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| 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 | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| 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 | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| 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. |
| 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 |

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| | | | 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** | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| 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** | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| 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 |
| EN120 | Children's Literature | 3.00 | Fall 2026, Spring 2027 |
| EN121 | World Mythology | 3.00 | Spring 2027 |

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| | | | 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 |
| 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 |

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| 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] | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| 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<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+. |

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| 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 |

| All Electives | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |

**Program Notes**:

Additional credits earned from 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.