

www.hutchcc.edu/request-info

Construction Science

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			
Course ID	Course Title	Credit Hours	Notes	
	English Options (SGE) ⁰¹⁰		6 credits required.	
EN100	English Composition IB T•	3.00	Fall, Spring, Summer Prereq: EN098 Intro to College Writing with a grade of C or higher, or Accuplacer Next Generation Writing Score of 240 to 254, or HS GPA over 2.25, or ACT English Score of 17 to 19.	
EN101	English Composition IA T ►	3.00	Fall, Spring, Summer 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 T	3.00	Fall, Spring, Summer 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.	
Con	nmunication Options (SGE) ⁰²⁰	3.00	3 credits required.	
★ SH101	Public Speaking ™	3.00	Fall, Spring, Summer	
SH210	Interpersonal Communication T	3.00	Fall, Spring, Summer	
M	athematics Options (SGE) ⁰³⁰	3.00	3 credits required.	
★ MA106	College Algebra ႃъ	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.	
MA107	Plane Trigonometry ™	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.	
MA108	Elements of Statistics ႃъ	3.00	Fall, Spring, Summer 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 T ▶	3.00	Fall, Spring, Summer 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 क	5.00	Fall, Spring, Summer 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.	
MA117	Contemporary Math T	3.00	Fall, Spring, Summer	
Natural & I	Physical Science Lab Options (SGE) ⁰⁴⁰	5.00	4-5 credits required including a lab.	
BI101	General Biology ™	4.00	Fall, Spring, Summer	

BI103	Human Anatomy and Physiology T ▶	6.00	Fall, Spring, Summer Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.
BI104	Biology I T▶	5.00	Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher.
BI105	Biology II T▶	5.00	Spring Prereq: Bl101 General Biology, or Departmental Consent, or Bl104 Biology I.
BI107	Human Anatomy and Physiology I T	4.00	Fall, Spring
BI108	Human Anatomy and Physiology II ७	4.00	Fall, Spring Prereq: Bl107 Human Anatomy and Physiology I.
BI112	General Microbiology ™	4.00	Fall, Spring, Summer Prereq: (BI101,BI103,BI104,BI105)BI107 is not a valid prereq code.
CH101	General Chemistry ™	5.00	Fall, Spring, Summer Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.
CH105	Chemistry I T ►	5.00	Fall, Spring 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 T ▶	5.00	Spring Prereq: CH105 Chemistry I with a C or Higher.
CH108	Principles of Organic and Biochemistry T	5.00	Fall Prereq: CH105 Chemistry I, or Departmental Consent.
PY103	Physical Geology T ▶	3.00	Fall, Spring, Summer
	Physical Geology Lab T▶	1.00	Fall, Spring, Summer
PY104L	, , , , , , , , , , , , , , , , , , ,		Fall, Spring
PY104L PY110	Physical Science T ▶	5.00	raii, spring
		5.00	Fall Prereq: MA106 College Algebra or higher math.
PY110	Physical Science T	5.00	Fall
PY110 ★ PY112	Physical Science T General Physics I T	5.00	Fall Prereq: MA106 College Algebra or higher math. Spring
PY110 ★ PY112 PY113	Physical Science T General Physics I T General Physics II T	5.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall
PY110 ★ PY112 PY113 PY201 PY202	Physical Science T General Physics T General Physics T Engineering Physics T	5.00 5.00 5.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring
PY110 ★ PY112 PY113 PY201 PY202	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T	5.00 5.00 5.00 6.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better.
PY110 ★ PY112 PY113 PY201 PY202 Social & E	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Sehavioral Sciences Options (SGE) 050	5.00 5.00 5.00 5.00 6.00 3.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines.
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T	5.00 5.00 5.00 6.00 3.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Sehavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T	5.00 5.00 5.00 5.00 6.00 3.00 3.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T	5.00 5.00 5.00 5.00 6.00 3.00 3.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring, Summer Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Sehavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring, Summer Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Sehavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110 GO132	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T Comparative Politics T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110 GO132 LE101	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T Comparative Politics T Introduction to Criminal Justice T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110 GO132 LE101 LE205	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T Comparative Politics T Introduction to Criminal Justice T Criminal Law T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110 GO132 LE101 LE205 PS100	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T Comparative Politics T Introduction to Criminal Justice T Criminal Law T General Psychology T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110 GO132 LE101 LE205 PS100 PS101	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T Comparative Politics T Introduction to Criminal Justice T Criminal Law T General Psychology T Human Relations	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring Fall Fall, Spring, Summer
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110 GO132 LE101 LE205 PS100 PS101 PS102	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T Comparative Politics T Introduction to Criminal Justice T Criminal Law T General Psychology T Human Relations Human Growth and Development T	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring Fall Fall, Spring, Summer Prereq: PS100 General Psychology.
PY110 ★ PY112 PY113 PY201 PY202 Social & E ★ EC100 EC101 GE101 GO100 GO101 GO102 GO110 GO132 LE101 LE205 PS100 PS101 PS102 PS201	Physical Science T General Physics T General Physics T Engineering Physics T Engineering Physics T Engineering Physics T Engineering Physics T Behavioral Sciences Options (SGE) 050 Macroeconomics T Microeconomics T World Geography T American Government T State and Local Government T International Relations T Introduction to Political Science T Comparative Politics T Introduction to Criminal Justice T Criminal Law T General Psychology T Human Relations Human Growth and Development T Psychology of Personality	5.00 5.00 5.00 5.00 6.00 3.00 3.00 3.00 3.00 3.00 3.00 3	Fall Prereq: MA106 College Algebra or higher math. Spring Prereq: PY112 Gen Physics I. Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus. Spring Prereq: PY201 Eng Phys I with grade of C or better. 6 credits required from two disciplines. Fall, Spring, Summer Fall, Spring Fall Fall, Spring, Summer Prereq: PS100 General Psychology with grade of C or higher.

SO106	Introduction to Women's Studies ™	3.00	Fall, Summer
SO111	Cultural Anthropology T ▶	3.00	Fall, Spring, Summer
SO113	Cultural Diversity T▶	3.00	Fall, Spring
SO122	Introduction to Social Work T	3.00	Fall, Spring
SO201	Social Problems T	3.00	Spring, Summer Prereq: SO100 Fundamentals of Sociology.
Arts a	and Humanities Options (SGE) ⁰⁶⁰	6.00	6 credits required from two disciplines.
AR101	Art Appreciation T►	3.00	Fall, Spring, Summer
AR104	Art History: Paleolithic to Medieval ७	3.00	Fall
AR105	Art History: Renaissance to Modern T ►	3.00	Spring
AR106	Art in the Elementary Classroom ₮	3.00	Fall, Spring
EN120	Children's Literature ™	3.00	Fall, Spring
EN121	World Mythology	3.00	Spring 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 T ▶		Fall, Spring
EN201	Introduction to Literature T	3.00	Fall, Summer 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	Fall 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 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 l ъ	3.00	Fall Prereg: 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 ъ	3.00	Spring 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, Spring 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	Fall, Spring Prereq: EN100 English Comp IB, or EN101 English Composition IA.
HI101	American History 1492-1865 T ▶	3.00	Fall, Spring, Summer
HI102	American History 1865-Present ™	3.00	Fall, Spring, Summer
HI103	World History to 1600 T ▶	3.00	Fall, Spring, Summer
HI104	World History Since 1600 ™	3.00	Fall, Spring, Summer
HI112	Western Civilization to 1500	3.00	Fall
HI113	Western Civilization 1500-Present	3.00	Spring, Summer
HI122	Film History of World War II	3.00	Spring
HI122L	Film History of World War II Lab	0.00	Spring
HI201	Topics in History	3.00	
JL101	Introduction to Mass Communications ъ	3.00	Fall, Spring, Summer
MU101	Music Appreciation T ▶	3.00	Fall, Spring, Summer
MU106	Music Theory I T▶	3.00	Fall
MU107	Music Theory II T▶		Spring Prereq: MU106 Music Theory I.
MU127	Introduction To Jazz/Jazz Rock	3.00	Fall, Spring
MU201	Music in the Elementary Classroom T ►	3.00	Fall
MU206	Music Theory III	3.00	Fall Prereq: MU107 Music Theory II.

	Music Theory IV	3.00	Spring Prereq: MU206 Music Theory III.
PL101	Introduction to Philosophy T•	3.00	Fall, Spring, Summer
PL103	Logic and Critical Thinking →		Fall, Spring
PL104	Ethics T		Fall, Spring, Summer
PL105	Death and Dying		Fall, Spring, Summer
RE101	New Testament Literature T ▶		Spring
RE102	Old Testament Literature T	3.00	
RE106	Introduction to World Religions ▼	3.00	Spring
SH101	Public Speaking T ►		Fall, Spring, Summer
SH103	Oral Interpretation	3.00	Spring
SH122	Voice and Diction ™	3.00	Fall
SH210	Interpersonal Communication T ▶	3.00	Fall, Spring, Summer
SO113	Cultural Diversity T	3.00	Fall, Spring
SP101	Elementary Spanish l ъ	5.00	Fall, Spring, Summer
SP102	Elementary Spanish II ть	5.00	Fall, Spring Prereq: SP101 Elementary Spanish I, or Departmental Consent, or SP104 Spanish II.
SP105	Elementary Spanish III ъ	5.00	Prereq: SP102 Spanish II.
TH115	Theatre Appreciation ™	3.00	Fall, Spring, Summer
TH122	Voice and Diction ™	3.00	Fall
Ins	stitutional Options (SGE) ⁰⁷⁰	6.00	6 credits required.
AR101	Art Appreciation ႃъ	3.00	Fall, Spring, Summer
AR104	Art History: Paleolithic to Medieval ₮	3.00	Fall
AR105	Art History: Renaissance to Modern ₮	3.00	Spring
AR106	Art in the Elementary Classroom ™	2.00	Fall Caring
	Art in the Elementary classiconi is	3.00	Fall, Spring
AR110	Drawing I T	3.00	
			Fall
AR110	Drawing I T▶	3.00 3.00	Fall
AR110 AR122	Drawing I → 2-D Design →	3.00 3.00 4.00	Fall Fall
AR110 AR122 BI101	Drawing I T▶ 2-D Design T▶ General Biology T▶	3.00 3.00 4.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: Bl100 or Bl101 or Bl104 or Bl105 or Bl112 w/Grade of C.
AR110 AR122 BI101 BI102	Drawing I → 2-D Design → General Biology → Ecology of Environmental Problems →	3.00 3.00 4.00 3.00 6.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer
AR110 AR122 BI101 BI102 BI103	Drawing I T. 2-D Design T. General Biology T. Ecology of Environmental Problems T. Human Anatomy and Physiology T. Biology I T. Biology II T.	3.00 3.00 4.00 3.00 6.00 5.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: B1100 or B1101 or B1104 or B1105 or B1112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: B1101 General Biology, or Departmental Consent, or B1104 Biology I.
AR110 AR122 BI101 BI102 BI103 BI104	Drawing I T 2-D Design T General Biology T Ecology of Environmental Problems T Human Anatomy and Physiology T Biology I T	3.00 3.00 4.00 3.00 6.00 5.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Fall, Spring, Summer Prereq: Bl100 or Bl101 or Bl104 or Bl105 or Bl112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereg: Bl101 General Biology, or Departmental Consent, or Bl104
AR110 AR122 BI101 BI102 BI103 BI104 BI105	Drawing I T. 2-D Design T. General Biology T. Ecology of Environmental Problems T. Human Anatomy and Physiology T. Biology I T. Biology II T.	3.00 3.00 4.00 3.00 6.00 5.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: B1100 or B1101 or B1104 or B1105 or B1112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: B1101 General Biology, or Departmental Consent, or B1104 Biology I. Fall, Spring Fall, Spring Fall, Spring Prereq: B1107 Human Anatomy and Physiology I.
AR110 AR122 BI101 BI102 BI103 BI104 BI105 BI107	Drawing I T. 2-D Design T. General Biology T. Ecology of Environmental Problems T. Human Anatomy and Physiology T. Biology I T. Biology II T. Human Anatomy and Physiology I T.	3.00 3.00 4.00 3.00 6.00 5.00 4.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: B1100 or B1101 or B1104 or B1105 or B1112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: B1101 General Biology, or Departmental Consent, or B1104 Biology I. Fall, Spring Fall, Spring Prereq: B1107 Human Anatomy and Physiology I.
AR110 AR122 BI101 BI102 BI103 BI104 BI105 BI107 BI108	Drawing I T 2-D Design T General Biology T Ecology of Environmental Problems T Human Anatomy and Physiology T Biology I T Biology II T Human Anatomy and Physiology I T Human Anatomy and Physiology I T Human Anatomy and Physiology II T	3.00 3.00 4.00 3.00 6.00 5.00 4.00 4.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: Bl100 or Bl101 or Bl104 or Bl105 or Bl112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: Bl101 General Biology, or Departmental Consent, or Bl104 Biology I. Fall, Spring Fall, Spring Prereq: Bl107 Human Anatomy and Physiology I. Fall, Spring, Summer
AR110 AR122 BI101 BI102 BI103 BI104 BI105 BI107 BI108 BI112	Drawing I T 2-D Design T General Biology T Ecology of Environmental Problems T Human Anatomy and Physiology T Biology I T Biology II T Human Anatomy and Physiology I T Human Anatomy and Physiology I T General Microbiology T	3.00 3.00 4.00 3.00 6.00 5.00 4.00 4.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: Bl100 or Bl101 or Bl104 or Bl105 or Bl112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: Bl101 General Biology, or Departmental Consent, or Bl104 Biology I. Fall, Spring Fall, Spring Fall, Spring Prereq: Bl107 Human Anatomy and Physiology I. Fall, Spring, Summer Prereq: (Bl101,Bl103,Bl104,Bl105)Bl107 is not a valid prereq code. Fall, Spring, Summer Fall, Spring, Summer
AR110 AR122 BI101 BI102 BI103 BI104 BI105 BI107 BI108 BI112 ★ BU101	Drawing The 2-D Design The General Biology The Ecology of Environmental Problems The Human Anatomy and Physiology The Biology The Biology The Human Anatomy and Physiology The Human Anatomy and Physiology The Human Anatomy and Physiology The General Microbiology The Accounting The	3.00 3.00 4.00 3.00 6.00 5.00 4.00 4.00 4.00 3.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: B1100 or B1101 or B1104 or B1105 or B1112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: B1101 General Biology, or Departmental Consent, or B1104 Biology I. Fall, Spring Fall, Spring Fall, Spring Prereq: B1107 Human Anatomy and Physiology I. Fall, Spring, Summer Prereq: (B1101,B1103,B1104,B1105)B1107 is not a valid prereq code. Fall, Spring, Summer Fall, Spring, Summer Fall, Spring, Summer
AR110 AR122 BI101 BI102 BI103 BI104 BI105 BI107 BI108 BI112 ★ BU101 ★ BU102	Drawing The 2-D Design The General Biology The Ecology of Environmental Problems The Human Anatomy and Physiology The Biology The Biology The Human Anatomy and Physiology The Human Anatomy and Physiology The Human Anatomy and Physiology The General Microbiology The Accounting The	3.00 3.00 4.00 3.00 6.00 5.00 4.00 4.00 4.00 3.00 3.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: Bl100 or Bl101 or Bl104 or Bl105 or Bl112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: Bl101 General Biology, or Departmental Consent, or Bl104 Biology I. Fall, Spring Fall, Spring Prereq: Bl107 Human Anatomy and Physiology I. Fall, Spring, Summer Prereq: (Bl101,Bl103,Bl104,Bl105)Bl107 is not a valid prereq code. Fall, Spring, Summer Fall, Spring, Summer Fall, Spring, Summer 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.
AR110 AR122 BI101 BI102 BI103 BI104 BI105 BI107 BI108 BI112 ★ BU101 ★ BU101	Drawing The 2-D Design The General Biology The Ecology of Environmental Problems The Human Anatomy and Physiology The Biology The Biology The Human Anatomy and Physiology The Human Anatomy and Physiology The Human Anatomy and Physiology The General Microbiology The Accounting The Accounting The Introduction to Business The	3.00 3.00 4.00 3.00 6.00 5.00 4.00 4.00 4.00 3.00 3.00 3.00	Fall Fall Fall, Spring, Summer Spring Fall, Spring, Summer Prereq: B1100 or B1101 or B1104 or B1105 or B1112 w/Grade of C. Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher. Spring Prereq: B1101 General Biology, or Departmental Consent, or B1104 Biology I. Fall, Spring Fall, Spring Fall, Spring Fall, Spring, Summer Prereq: B1107 Human Anatomy and Physiology I. Fall, Spring, Summer Prereq: (B1101,B1103,B1104,B1105)B1107 is not a valid prereq code. Fall, Spring, Summer Fall, Spring, Summer Fall, Spring, Summer Fall, Spring, Summer 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. Fall, Spring, Summer

BU201	Managerial Accounting ъ	3.00	Fall, Spring, Summer Prereq: BU102 with a C or higher or BA102 with a C or higher.
BU202	Marketing ™	3.00	Fall, Spring
BU203	Management Ţ ▶	3.00	Fall, Spring, Summer
BU205	Business Law I T ▶	3.00	Fall, Spring
CC101	Introduction to Early Childhood Education ъ	3.00	Fall, Spring
CC105	Infant and Toddler Development ₮	3.00	
CH101	General Chemistry T	5.00	Fall, Spring, Summer Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.
CH105	Chemistry I T▶	5.00	Fall, Spring 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 Prereq: CH105 Chemistry I with a C or Higher.
CH108	Principles of Organic and Biochemistry T ▶	5.00	Fall Prereq: CH105 Chemistry I, or Departmental Consent.
CH201	Organic Chemistry I T ▶	5.00	Fall Prereq: CH106 Chemistry II.
CH202	Organic Chemistry II T ▶	5.00	Spring Prereq: CH201 Organic Chemistry I.
CS111	Visual Basic Programming T ▶	3.00	Fall, Spring, Summer
CS200	Problem Solving and Programming T ▶	4.00	Fall, Spring Prereq: MA106 College Algebra, or Departmental Consent, and CS111 Visual Basic Programming.
EC100	Macroeconomics →	3.00	Fall, Spring, Summer
EC101	Microeconomics ™	3.00	Fall, Spring, Summer
ED201	Introduction to Education T•	3.00	Fall, Spring Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
ED201L	Introduction to Education Practicum T	1.00	Fall, Spring Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
ED205	Educating Exceptional Students T	3.00	Fall, Spring Prereq: ED201 Introduction to Education with a grade of C or higher.
ED206	Technology for Teachers T ▶	3.00	Fall, Spring
ED207	Elementary School PE & Health T	3.00	Spring
EN120	Children's Literature T ►	3.00	Fall, Spring
EN128	Introduction to Creative Writing T	3.00	Fall, Spring
EN201	Introduction to Literature T	3.00	Fall, Summer 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 T	3.00	Fall 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 ъ	3.00	Spring 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 Ţ▶		Fall, Spring, Summer
GO100	American Government T	3.00	Fall, Spring, Summer
GO101	State and Local Government T	3.00	
GO102	International Relations T	3.00	Spring
GO110	Introduction to Political Science T	3.00	Fall
GO132	Comparative Politics ™	3.00	
HE202	Nutrition ™	3.00	Fall, Spring, Summer
HI101	American History 1492-1865 	3.00	Fall, Spring, Summer
HI102	American History 1865-Present T	3.00	Fall, Spring, Summer
HI103	World History to 1600 T▶	3.00	Fall, Spring, Summer

			T
HI104	World History Since 1600 T ▶		Fall, Spring, Summer
HR105	Medical Terminology T ▶	3.00	Fall, Spring, Summer
IS104	Microcomputer Applications T ►	3.00	Fall, Spring, Summer
JL101	Introduction to Mass Communications T	3.00	Fall, Spring, Summer
LE101	Introduction to Criminal Justice T	3.00	Fall, Spring
LE205	Criminal Law Ţ▶	3.00	Fall
MA106	College Algebra тъ	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.
MA107	Plane Trigonometry ™	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.
MA108	Elements of Statistics 7	3.00	Fall, Spring, Summer 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 T ▶	3.00	Fall, Spring, Summer 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 7	5.00	Fall, Spring, Summer 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 ъ	5.00	Fall, Spring, Summer Prereq: MA111 with a grade of C or higher.
MA117	Contemporary Math T	3.00	Fall, Spring, Summer
MA206	Differential Equations T	3.00	Fall, Spring Prereq: MA113 with a grade of C or higher.
MU101	Music Appreciation T ▶	3.00	Fall, Spring, Summer
MU106	Music Theory I T ►	3.00	Fall
MU107	Music Theory II ™	3.00	Spring Prereq: MU106 Music Theory I.
MU201	Music in the Elementary Classroom T ▶	3.00	Fall
PE105	Personal and Community Health T	3.00	Fall, Spring, Summer
PE106	First Aid and CPR T ▶	2.00	Fall, Spring
PE185	Exercise Physiology T ▶	3.00	Spring
PL101	Introduction to Philosophy T ►	3.00	Fall, Spring, Summer
PL103	Logic and Critical Thinking ™	3.00	Fall, Spring
PL104	Ethics T ▶	3.00	Fall, Spring, Summer
PS100	General Psychology ™	3.00	Fall, Spring, Summer
PS102	Human Growth and Development T	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
PY102	Weather and Climate	3.00	Spring
PY103	Physical Geology T ▶	3.00	Fall, Spring, Summer
PY104L	Physical Geology Lab Ţ▶	1.00	Fall, Spring, Summer
PY110	Physical Science T	5.00	Fall, Spring
PY112	General Physics I T ▶	5.00	Fall Prereq: MA106 College Algebra or higher math.
PY113	General Physics II T▶	5.00	Spring Prereq: PY112 Gen Physics I.
PY201	Engineering Physics I T ▶	5.00	Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus.
PY202	Engineering Physics II T	5.00	Spring Prereq: PY201 Eng Phys I with grade of C or better.
RE101	New Testament Literature T ▶	3.00	Spring
RE102	Old Testament Literature T ▶	3.00	Fall

RE106	Introduction to World Religions ™	3.00	Spring		
SH101	Public Speaking T	3.00	Fall, Spring, Summer		
SH122	Voice and Diction ™	3.00	Fall		
SH210	Interpersonal Communication T	3.00	Fall, Spring, Summer		
SM180	Basic Sports Medicine T ▶	3.00	Fall, Spring		
SO100	Fundamentals of Sociology T	3.00	Fall, Spring, Summer		
SO101	Marriage and Family ₮	3.00	Fall, Spring, Summer		
SO106	Introduction to Women's Studies ъ	3.00	Fall, Summer		
SO111	Cultural Anthropology T	3.00	Fall, Spring, Summer		
SO113	Cultural Diversity ™	3.00	Fall, Spring		
SO122	Introduction to Social Work T	3.00	Fall, Spring		
SO201	Social Problems ™	3.00	Spring, Summer Prereq: SO100 Fundamentals of Sociology.		
SP101	Elementary Spanish I ъ	5.00	Fall, Spring, Summer		
SP102	Elementary Spanish II T	5.00	Fall, Spring Prereq: SP101 Elementary Spanish I, or Departmental Consent, or SP104 Spanish II.		
SP105	Elementary Spanish III ъ	5.00	Prereq: SP102 Spanish II.		
TH115	Theatre Appreciation ™	3.00	Fall, Spring, Summer		
TH116	Acting I T	3.00	Fall		
TH121	Acting II T	3.00	Fall Prereq: TH116 Acting I with a grade of C or better.		
TH122	Voice and Diction ™	3.00	Fall		

Additional Pathway Electives				
Course ID	Course Title	Credit Hours	Notes	
MA107	Plane Trigonometry T ▶	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.	
MA111	Analytical Geometry and Calculus I T	5.00	Fall, Spring, Summer 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.	
PY103	Physical Geology T ▶	3.00	Fall, Spring, Summer	
PY104L	Physical Geology Lab ™	1.00	Fall, Spring, Summer	
PY113	General Physics II T	5.00	Spring Prereq: PY112 Gen Physics I.	
No additional pathway electives				
Additional Credits Required 8.00				

Total Credits: 60.00

Program Notes:

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.

^{*}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.