



Associate in Science

Associate Degree
A10400 (60 CREDITS)



Program Description

The Associate in Science (AS) degree is a transfer curriculum program for science or math majors. Some general education coursework is required with a focus on science and math courses. The degree is designed for students interested in further study in a STEM field upon transferring.

Name:	
Student ID:	
HCC Gmail:	
Advisor:	

Check below if RISE benchmarks met

RISE Placement Measures						
HS GPA	ACT SCORE	SAT SCORE	OLD DEV ED	MAT CREDIT	ENG CREDIT	RISE TEST

If RISE benchmarks not met, mark courses needed

Transition Level Co-requisite Courses (As Needed)											
ENG 002	MAT 003		ENG 011		MAT 010	OR	MAT 043	OR	MAT 052	OR	MAT 071

Fall I

Course Prefix	Course Title	Course Preferences	Course Notes	Credits	When offered			Semester/Year Course Taken	Grade
					Fall	Spring	Summer		
ACA 122	College Transfer Success	<i>Hybrid, Online, Virtual, or Traditional</i>	<i>Take in the first semester</i>	1	✓	✓	✓		
CIS 110	Introduction to Computers	<i>H O V T</i>	<i>RISE Rules Apply^</i>	3	✓	✓	✓		
ENG 111	Writing & Inquiry	<i>H O V T</i>	<i>RISE Rules Apply^</i>	3	✓	✓	✓		
Choose: Math 1	See Mathematics Courses (List A)	<i>H O V T</i>		4	✓	✓			
Choose: Science 1	See Natural Sciences Courses (List B)	<i>H O V T</i>		4	✓	✓			
Semester Totals:				15					GPA:

Spring I

Course Prefix	Course Title	Course Preferences	Course Notes	Credits	When offered			Semester/Year Course Taken	Grade
					Fall	Spring	Summer		
ENG 112	Writing & Research in the Disciplines	<i>Hybrid, Online, Virtual, or Traditional</i>	<i>Take ENG 111 first</i>	3	✓	✓	✓		
PED 110	Fit & Wellness for Life	<i>H O V T</i>		2	✓	✓	✓		
Choose: Comm	See Communication Courses (List C)	<i>H O V T</i>		3	✓	✓	✓		
Choose: Math 2	See Mathematics Courses (List A)	<i>H O V T</i>		4	✓	✓			
Choose: Science 2	See Natural Sciences Courses (List B)	<i>H O V T</i>		4	✓	✓			
Semester Totals:				16					GPA:

A. Mathematics Courses - Choose 2 below

MAT 171	Precalculus Algebra (4 credits)
MAT 172	Precalculus Trigonometry (4 credits)
MAT 175	Precalculus (5 credits)
MAT 271	Calculus I (4 credits)
MAT 272	Calculus II (4 credits)

B. Natural Science Courses - Choose 2 courses below - A two-course sequence is required (Choose 1 of 3 groups)

Group 1	Group 2	Group 3
BIO 111 General Biology I (4 credits)	CHM 151 General Chemistry I (4 credits)	PHY 251 General Physics I (4 credits)
AND	AND	AND
BIO 112 General Biology II (4 credits)	CHM 152 General Chemistry II (4 credits)	PHY 252 General Physics II (4 credits)

Program Completion Guide

Fall II

Course Prefix	Course Title	Course Preferences	Course Notes	Credits	When offered			Semester/Year Course Taken	Grade
					Fall	Spring	Summer		
Choose: Beh/Soc 1	See Behavioral/Social Sciences Courses (List D)	<i>Hybrid, Online, Virtual, or Traditional</i>		3	✓	✓	✓		
Choose: Gen S/M 1	See Gen Ed Science/Math Courses (List E)	<i>H O V T</i>		4	✓	✓			
Choose: Hum/FA	See Humanities/Fine Arts Courses (List F)	<i>H O V T</i>		3	✓	✓	✓		
Choose: Elective 1	See General Education/Electives Courses (List G)	<i>H O V T</i>		3	✓	✓			
Choose: Elective 2	See General Education/Electives Courses (List G)	<i>H O V T</i>		3	✓	✓			
Semester Totals:				16					GPA:

Spring II

Course Prefix	Course Title	Course Preferences	Course Notes	Credits	When offered			Semester/Year Course Taken	Grade
					Fall	Spring	Summer		
Choose: Beh/Soc 2	See Behavioral/Social Sciences Courses (List D)	<i>Hybrid, Online, Virtual, or Traditional</i>		3	✓	✓			
Choose: Gen S/M 2	See Gen Ed Science/Math Courses (List E)	<i>H O V T</i>		4	✓	✓			
Choose: Elective 3	See General Education/Electives Courses (List G)	<i>H O V T</i>		3	✓	✓			
Choose: Elective 4	See General Education/Electives Courses (List G)	<i>H O V T</i>		3	✓	✓			
Semester Totals:				13					GPA:
Program Totals:				60					overall GPA:

C. Communication Courses - 3 credits

Choose 1 course from below

- COM 120** Intro to Interpersonal Communic (3 credits)
- COM 231** Public Speaking (3 credits)

D. Behavioral/Social Sciences Courses - 6 credits

Choose 2 courses from two different disciplines below

- ECO 251** Principles of Microeconomics (3 credits)
- ECO 252** Principles of Macroeconomics (3 credits)
- HIS 111** World Civilizations I (3 credits)
- HIS 112** World Civilizations II (3 credits)
- HIS 131** American History I (3 credits)
- HIS 132** American History II (3 credits)
- POL 120** American Government (3 credits)
- PSY 150** General Psychology (3 credits)
- SOC 210** Intro to Sociology (3 credits)

E. Gen Ed Science/Math Courses - 8 credits

Choose 2 courses with labs from the list below

- BIO 111** General Biology I (4 credits)
- BIO 112** General Biology II (4 credits)
- CHM 151** General Chemistry I (4 credits)
- CHM 152** General Chemistry I (4 credits)
- MAT 152** Statistical Methods (4 credits)
- MAT 175** Precalculus (5 credits)
- MAT 271** Calculus I (4 credits)
- MAT 272** Calculus II (4 credits)
- PHY 110** Conceptual Physics (3 credits)
- PHY 110A** Conceptual Physics (3 credits)
- PHY 251** General Physics I (4 credits)
- PHY 252** General Physics II (4 credits)

^RISE rules require that developmental credit is awarded first.

F. Humanities/Fine Arts Courses - 3 credits

Choose 1 course from below

- ART 111** Art Appreciation (3 credits)
- ENG 231** American Literature I (3 credits)
- ENG 232** American Literature II (3 credits)
- ENG 241** British Literature I (3 credits)
- ENG 242** British Literature II (3 credits)
- MUS 110** Music Appreciation (3 credits)
- MUS 112** Introduction to Jazz (3 credits)
- PHI 215** Philosophical Issues (3 credits)
- PHI 240** Introduction to Ethics (3 credits)

G. General Education/Electives Courses - 12 credits

Choose courses from Groups A-F not previously selected or refer to complete list of Electives on the next page

Required Courses - Regardless of Major	
Study Skills - 1 credit	
ACA 122	College Transfer Success (1 credit)
Composition - 6 credits	
ENG 111	Writing and Inquiry (3 credits)
ENG 112	Writing/Research in the Disc (3 credits)
Computers - 3 credits	
CIS 110	Introduction to Computers (3 credits)

Gateway Mathematics Courses for Transfer Students	
MAT 143	Quantitative Literacy (3 credits)
MAT 152	Statistical Methods I (4 credits)
MAT 171	Precalculus Algebra (4 credits)

Communication Courses	
COM 120	Intro to Interpersonal Communic (3 credits)
COM 231	Public Speaking (3 credits)

Behavioral and Social Science Courses	
ECO 251	Principles of Microeconomics (3 credits)
ECO 252	Principles of Macroeconomics (3 credits)
HIS 111	World Civilizations I (3 credits)
HIS 112	World Civilizations II (3 credits)
HIS 131	American History I (3 credits)
HIS 132	American History II (3 credits)
POL 120	American Government (3 credits)
PSY 150	General Psychology (3 credits)
SOC 210	Introduction to Sociology (3 credits)

UGETC/General Education Courses - these courses are approved for transfer to four-year institutions in NC			
Choose courses that have not been previously used to satisfy Gen Ed / Electives requirements:			
ART 111	Art Appreciation (3 credits)	MAT 143	Quantitative Literacy (3 credits)
BIO 111	General Biology I (4 credits)	MAT 152	Statistical Methods I (4 credits)
BIO 112	General Biology II (4 credits)	MAT 171	Quantitative Literacy (3 credits)
CHM 151	General Chemistry I (4 credits)	MAT 172	Statistical Methods I (4 credits)
CHM 152	General Chemistry II (4 credits)	MAT 175	Precalculus (5 credits)
COM 120	Intro to Interpersonal Com (3 credits)	MAT 271	Calculus I (4 credits)
COM 231	Public Speaking (3 credits)	MAT 272	Calculus I (4 credits)
ECO 251	Principles of Microeconomics (3 credits)	MUS 110	Introduction to Jazz (3 credits)
ECO 252	Principles of Macroeconomics (3 credits)	MUS 112	Introduction to Jazz (3 credits)
ENG 231	American Literature I (3 credits)	PHI 215	Philosophical Issues (3 credits)
ENG 232	American Literature II (3 credits)	PHI 240	Introduction to Ethics (3 credits)
ENG 241	British Literature I (3 credits)	PHY 110	Conceptual Physics (3 credits)
ENG 242	British Literature II (3 credits)	PHY 110A	Conceptual Physics Lab (1 credit)
HIS 111	World Civilizations I (3 credits)	PHY 251	General Physics I (4 credits)
HIS 112	World Civilizations II (3 credits)	PHY 252	General Physics II (4 credits)
HIS 131	American History I (3 credits)	POL 120	American Government (3 credits)
HIS 132	American History II (3 credits)	PSY 150	General Psychology (3 credits)
		SOC 210	Introduction to Sociology (3 credits)

Other Elective Courses (non-UGETC)			
BUS 110	Intro to Business (3 credits)	REL 110	World Religions (3 credits)
HEA 110	Personal Health & Wellness (3 credits)	REL 211	Intro to Old Testament (3 credits)
HUM 115	Critical Thinking (3 credits)	SOC 213	Sociology of the Family (3 credits)
HUM 120	Cultural Studies (3 credits)	SOC 220	Social Problems (3 credits)
PED 110	Fit & Well for Life (2 credits)	SOC 240	Social Psychology (3 credits)
PSY 241	Developmental Psychology (3 credits)	SPA 111	Elementary Spanish I (3 credits)
PSY 281	Abnormal Psychology (3 credits)	SPA 112	Elementary Spanish II (3 credits)

Natural Science Courses	
BIO 111	General Biology I (4 credits)
BIO 112	General Biology II (4 credits)
CHM 151	General Chemistry I (4 credits)
CHM 152	General Chemistry II (4 credits)
PHY 251	General Physics I (4 credits)
PHY 252	General Physics II (4 credits)

General Education Science Courses	
BIO 111	General Biology I (4 credits)
BIO 112	General Biology II (4 credits)
CHM 131 &	Intro to Chemistry (3 credits)
CHM 131A	Intro to Chemistry Lab (1 credit)
CHM 151	General Chemistry I (4 credits)
CHM 152	General Chemistry II (4 credits)
PHY 110 &	Conceptual Physics (3 credits)
PHY 110A	Conceptual Physics Lab (1 credit)

Humanities/Fine Arts Courses	
ART 111	Art Appreciation (3 credits)
ENG 231	American Literature I (3 credits)
ENG 232	American Literature II (3 credits)
ENG 241	British Literature I (3 credits)
ENG 242	British Literature II (3 credits)
MUS 110	Music Appreciation (3 credits)
MUS 112	Introduction to Jazz (3 credits)
PHI 215	Philosophical Issues (3 credits)
PHI 240	Introduction to Ethics (3 credits)