

# College Transfer - Associate In Science Program

(Associate Degree A10400)

This program is designed for students who intend to transfer to a four-year college or university. The student may complete course work equivalent to the first two years of study required for a bachelor's degree. Unless otherwise indicated, classes in this program satisfy the articulation agreement with colleges in the University of North Carolina System and are eligible for transfer to four-year degree programs, provided all other requirements for transfer are satisfied.

The Associate in Science degree (A.S.) is awarded upon completion of program requirements. Graduates usually transfer to a senior institution with junior year status. Follow up studies show that community college transfer students are generally successful in their studies at senior institutions.

*In addition to the courses listed below, students may be required to take transition/co-requisite classes based on RISE criteria. These classes do not count toward hours required for graduation.*

Title	Class/Lab/Credit
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## *I. General Education Requirements.*

### *Natural Science*

#### *Take 1 of 3 Groups*

##### *Group 1*

##### *Take 8 credits from:*

BIO	111	General Biology I	3	3	4
BIO	112	General Biology II	3	3	4

##### *Group 2*

##### *Take 8 credits from:*

CHM	151	General Chemistry I	3	3	4
CHM	152	General Chemistry II	3	3	4

##### *Group 3*

##### *Take 8 credits from:*

PHY	151	College Physics I	3	2	4
PHY	152	College Physics II	3	2	4

### *Math*

#### *Take 8 credits from:*

MAT	171	Precalculus Algebra	3	2	4
MAT	172	Precalculus Trigonometry	3	2	4
MAT	263	Brief Calculus	3	2	4
MAT	271	Calculus I	3	2	4
MAT	272	Calculus II	3	2	4

### *Required Courses (6 semester hours)*

ENG	111	Writing and Inquiry	3	0	3
ENG	112	Writing/Research in the Disciplines	3	0	3

*Humanities/Communications (6 semester hours)*

Select one course from the following:

COM	120	Intro to Interpersonal Communication	3	0	3
COM	231	Public Speaking	3	0	3

Select one course from the following:

ENG	231	American Literature I	3	0	3
ENG	232	American Literature II	3	0	3
ENG	241	British Literature I	3	0	3
ENG	242	British Literature II	3	0	3

*Social/Behavioral Sciences (6 semester hours)*

Select one history course:

HIS111	World Civilizations I	3	0	3
HIS112	World Civilizations II	3	0	3
HIS131	American History I	3	0	3
HIS132	American History II	3	0	3

Select one of the following:

ECO	251	Principles of Microeconomics	3	0	3
ECO	252	Principles of Macroeconomics	3	0	3
POL	120	American Government	3	0	3
PSY	150	General Psychology	3	0	3
SOC	210	Introduction to Sociology	3	0	3

*II. Additional General Education (11 semester hours)*

*Take 2 Groups*

*Take 3 credits:*

CIS110	Intro to Computers	2	2	3
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*Take 8 credits:*

ART	111	Art Appreciation	3	0	3
ASL	111	Elementary ASL I	3	0	3
ASL	112	Elementary ASL II	3	0	3
AST	151	General Astronomy I	3	0	3
AST	151A	General Astronomy I Lab	0	2	1
AST	152	General Astronomy II	3	0	3
AST	152A	General Astronomy II Lab	0	2	1
BIO	111	General Biology I	3	3	4
BIO	112	General Biology II	3	3	4
CHM	131	Introduction to Chemistry	3	0	3
CHM	131A	Introduction to Chemistry Lab	0	3	1
CHM	132	Organic and Biochemistry	3	3	4
CHM	151	General Chemistry I	3	3	4
CHM	152	General Chemistry II	3	3	4
CIS115	Introduction to Prog. & Logic	2	3	3	
COM	110	Introduction to Communications	3	0	3

COM	120	Intro. to Interpersonal Communications	3	0	3
COM	231	Public Speaking	3	0	3
DRA	111	Theatre Appreciation	3	0	3
DRA	126	Storytelling	3	0	3
ECO	251	Principles of Microeconomics	3	0	3
ECO	252	Principles of Macroeconomics	3	0	3
ENG	114	Prof. Research & Reporting	3	0	3
ENG	231	American Literature I	3	0	3
ENG	232	American Literature II	3	0	3
ENG	241	British Literature I	3	0	3
ENG	242	British Literature II	3	0	3
FRE	111	Elementary French I	3	0	3
FRE	112	Elementary French II	3	0	3
GEL	111	Introduction to Geology	3	2	4
HIS111		World Civilizations I	3	0	3
HIS112		World Civilizations II	3	0	3
HIS131		American History I	3	0	3
HIS132		American History II	3	0	3
HUM	110	Technology & Society	3	0	3
HUM	115	Critical Thinking	3	0	3
HUM	120	Cultural Studies	3	0	3
HUM	122	Southern Culture	3	0	3
MAT	143	Quantitative Literacy	2	2	3
MAT	152	Statistical Methods I	3	2	4
MAT	171	Precalculus Algebra	3	2	4
MAT	172	Precalculus Trigonometry	3	2	4
MAT	271	Calculus I	3	2	4
MAT	272	Calculus II	3	2	4
MAT	273	Calculus III	3	2	4
MUS	110	Music Appreciation	3	0	3
MUS	210	History of Rock Music	3	0	3
PHI	210	History of Philosophy	3	0	3
PHI	240	Intro. to Ethics	3	0	3
PHY	110	Conceptual Physics	3	0	3
PHY	110A	Conceptual Physics Lab	0	2	1
PHY	151	College Physics I	3	2	4
PHY	152	College Physics II	3	2	4
PHY	251	General Physics I	3	3	4
PHY	252	General Physics II	3	3	4
POL	120	American Government	3	0	3
POL	210	Comparative Government	3	0	3
PSY	150	General Psychology	3	0	3
PSY	239	Psychology of Personality	3	0	3
PSY	241	Developmental Psychology	3	0	3
PSY	281	Abnormal Psychology	3	0	3
REL	110	World Religions	3	0	3
REL	211	Intro. to Old Testament	3	0	3
REL	212	Intro. to New Testament	3	0	3

SOC	210	Intro. to Sociology	3	0	3
SOC	213	Sociology of the Family	3	0	3
SOC	220	Social Problems	3	0	3
SOC	225	Social Diversity	3	0	3
SPA	111	Elementary Spanish I	3	0	3
SPA	112	Elementary Spanish II	3	0	3
SPA	211	Intermediate Spanish I	3	0	3
SPA	212	Intermediate Spanish II	3	0	3

### III. Other Requirements (15 semester hours)

#### Local MTCC Requirements (3 semester hours)

Take:

ACA	122	College Transfer Success	1	0	1
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Take one course:

HEA	110	Personal Health/Wellness	3	0	3
PED	110	Fit and Well for Life	1	2	2

Select 12 additional semester hours from the following list:

ACC	120	Principles of Financial Accounting I	3	2	4
ACC	121	Principles of Financial Accounting II	3	2	4
ART	111	Art Appreciation	3	0	3
ART	121	Two-Dimensional Design	0	6	3
ART	171	Digital Design I	0	6	3
ART	275	Introduction to Graphic Design	0	6	3
ASL	111	Elementary ASL I	3	0	3
ASL	112	Elementary ASL II	3	0	3
ASL	181	ASL Lab I	0	2	1
ASL	182	ASL Lab II	0	2	1
AST	151	General Astronomy I	3	0	3
AST	151A	General Astronomy I Lab	0	2	1
AST	152	General Astronomy II	3	0	3
AST	152A	General Astronomy II Lab	0	2	1
BIO	111	General Biology I	3	3	4
BIO	112	General Biology II	3	3	4
BIO	155	Nutrition	3	0	3
BIO	163	Basic Anatomy and Physiology	4	2	5
BIO	168	Anatomy and Physiology I	3	3	4
BIO	169	Anatomy and Physiology II	3	3	4
BIO	175	General Microbiology	2	2	4
BIO	275	Microbiology	3	3	4
BUS	110	Introduction to Business	3	0	3
BUS	115	Business Law I	3	0	3
BUS	137	Principles of Management	3	0	3
CHM	131	Introduction to Chemistry	3	0	3
CHM	131A	Introduction to Chemistry Lab	0	3	1
CHM	132	Organic and Biochemistry	3	3	4
CHM	151	General Chemistry I	3	3	4
CHM	152	General Chemistry II	3	3	4

CIS	115	Introduction to Programming and Logic	2	3	3
CJC	111	Introduction to Criminal Justice	3	0	3
CJC	121	Law Enforcement Operations	3	0	3
CJC	141	Corrections	3	0	3
COM	120	Introduction to Interpersonal Communication	3	0	3
COM	231	Public Speaking	3	0	3
CSC	134	C++ Programming	2	3	3
CSC	151	JAVA Programming	2	3	3
CTS	115	Info. Systems Business Concepts	3	0	3
DRA	111	Theatre Appreciation	3	0	3
DRA	126	Storytelling	3	0	3
ECO	251	Principles of Microeconomics	3	0	3
ECO	252	Principles of Macroeconomics	3	0	3
EDU	131	Child, Family and Community	3	0	3
EDU	144	Child Development I	3	0	3
EDU	145	Child Development II	3	0	3
EDU	216	Foundations of Education	3	0	3
EDU	221	Children with Exceptionalities	3	0	3
EGR	150	Intro. to Engineering	1	2	2
EGR	220	Engineering Statistics	1	2	2
ENG	114	Prof. Research & Reporting	3	0	3
ENG	125	Creative Writing	3	0	3
ENG	231	American Literature I	3	0	3
ENG	232	American Literature II	3	0	3
ENG	241	British Literature I	3	0	3
ENG	242	British Literature II	3	0	3
ENG	271	Contemporary Literature	3	0	3
ENG	273	African-American Literature	3	0	3
FRE	111	Elementary French I	3	0	3
FRE	112	Elementary French II	3	0	3
GEL	111	Geology	3	2	4
HEA	110	Personal Health/Wellness	3	0	3
HIS111		World Civilizations I	3	0	3
HIS112		World Civilizations II	3	0	3
HIS131		American History I	3	0	3
HIS132		American History II	3	0	3
HUM	110	Technology & Society	3	0	3
HUM	115	Critical Thinking	3	0	3
HUM	120	Cultural Studies	3	0	3
HUM	122	Southern Culture	3	0	3
MAT	143	Quantitative Literacy	2	2	3
MAT	152	Statistical Methods I	3	0	3
MAT	171	Precalculus Algebra	3	2	4
MAT	172	Precalculus Trigonometry	3	2	4
MAT	271	Calculus I	3	2	4
MAT	272	Calculus II	3	2	4
MAT	273	Calculus III	3	2	4
MAT	280	Linear Algebra	2	2	3

MAT	285	Differential Equations	2	2	3
MUS	110	Music Appreciation	3	0	3
MUS	210	History of Rock Music	3	0	3
PED	111	Physical Fitness I	0	3	1
PED	113	Aerobics I	0	3	1
PED	117	Weight Training I	0	3	1
PED	120	Walking for Fitness	0	3	1
PED	128	Golf-Beginning	0	2	1
PED	130	Tennis-Beginning	0	2	1
PED	139	Bowling-Beginning	0	2	1
PED	152	Swimming-Beginning	0	2	1
PED	155	Water Aerobics	0	3	1
PED	174	Wilderness Pursuits	0	2	1
PED	219	Disc Golf	0	2	1
PHI	210	History of Philosophy	3	0	3
PHI	240	Intro. to Ethics	3	0	3
PHY	110	Conceptual Physics	3	0	3
PHY	110A	Conceptual Physics Lab	0	2	1
PHY	151	College Physics I	3	2	4
PHY	152	College Physics II	3	2	4
PHY	251	General Physics I	3	3	4
PHY	252	General Physics II	3	3	4
POL	120	American Government	3	0	3
POL	130	State & Local Government	3	0	3
POL	210	Comparative Government	3	0	3
PSY	150	Intro. to Psychology	3	0	3
PSY	239	Psychology of Personality	3	0	3
PSY	241	Developmental Psychology	3	0	3
PSY	281	Abnormal Psychology	3	0	3
REL	110	World Religions	3	0	3
REL	211	Intro. to Old Testament	3	0	3
REL	212	Intro. to New Testament	3	0	3
SOC	210	Intro. to Sociology	3	0	3
SOC	213	Sociology of the Family	3	0	3
SOC	220	Social Problems	3	0	3
SOC	225	Social Diversity	3	0	3
SOC	242	Sociology of Deviance	3	0	3
SPA	111	Elementary Spanish I	3	0	3
SPA	112	Elementary Spanish II	3	0	3
SPA	181	Spanish Lab I	0	2	1
SPA	182	Spanish Lab II	0	2	1
SPA	211	Intermediate Spanish I	3	0	3
SPA	212	Intermediate Spanish II	3	0	3
SPA	281	Spanish Lab III	0	2	1
SPA	282	Spanish Lab IV	0	2	1

*Total Credits: 60*