

Program Planning Guide

University Transfer, Associate in Science (A10400)

The Associate in Science degree allows students to earn a minimum of 60 semester hours of credit (SHC) of college transfer courses in and offers opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic computer use. Courses are approved for transfer through the Comprehensive Articulation Agreement (CAA). The CAA enables North Carolina community college graduates of two-year Associate in Science programs who are admitted to constituent institutions of The University of North Carolina to transfer with junior status.

Graduates must obtain a grade of "C" or better in each course and an overall GPA of at least 2.0 on a 4.0 scale in order to transfer with a junior status. Courses may also transfer through bilateral agreements between institutions.

Program Length: 4 semesters

Career Pathway Options: Associate in Science Degree, Baccalaureate Degree at a Senior Institution Program Sites:

Lee Campus – Day, 1st and 2nd Year, Evening, 1st Year and selected courses in 2nd Year

Chatham Campus – Day, 1st Year and selected courses in 2nd Year

Harnett Campus – Day, 1st Year and selected courses in 2nd Year

Distance Education - 1st Year and 2nd Year

Suggested Course Schedule:

1 st Semester (Fall)		Hours			Grade	Semester	Notes
		C	L	SHC			
ENG 111	Writing and Inquiry	3	0	3			
ACA 122	College Transfer Success	0	2	1			
	Required Science course & lab	3	3	4			
	Required Mathematics course	3	2	4			
	Required Humanities/Fine Arts/Comm. course	3	0	3			
		<u>12</u>	<u>7</u>	<u>15</u>			

2 nd Semester (Spring)		Hours			Grade	Semester	Notes
		C	L	SHC			
ENG 112	Writing and Research in the Disciplines	3	0	3			
	Required Mathematics course	3	2	4			
	Required Humanities/Fine Arts/Comm. course	3	0	3			
	Required History course	3	0	3			
	Required Science course & lab	3	3	4			
		<u>15</u>	<u>5</u>	<u>17</u>			

3 rd Semester (Fall)		Hours			Grade	Semester	Notes
		C	L	SHC			
	Approved General Education course	3	0	3			
	Approved General Education course	3	0	3			
	Approved General Education course	3	0	3			
	Approved General Education course	3	0	2/3			
	Required Social/Behavioral Science course	3	0	3			
		<u>15</u>	<u>0</u>	<u>14/15</u>			

4 th Semester (Spring)		Hours			Grade	Semester	Notes
		C	L	SHC			
	Approved Other Required Hours course	3	0	3			
	Approved Other Required Hours course	3	0	3			
	Approved Other Required Hours course	3	0	3			

Approved Other Required Hours course	3	0	3			
Required PED course(s): PED 110 or two PED activity courses	0/1	2/6	2			

12/13 2/6 14

Total Semester Hours Credit: 60/61 SHC

Course Requirements for Associate in Science Degree

I. Universal General Education Transfer Component (UGETC) 34 SHC

A. Composition (6 SHC)

C-L-CR

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

B. Humanities/Fine Arts/Communication (6 SHC)

Select courses from two of the following discipline areas: art, communications, music, literature, and philosophy.

- ART 111 Art Appreciation 3-0-3
- ART 114 Art History Survey I 3-0-3
- ART 115 Art History Survey II 3-0-3
- COM 231 Public Speaking 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
- MUS 110 Music Appreciation 3-0-3
- MUS 112 Introduction to Jazz 3-0-3
- PHI 215 Philosophical Issues 3-0-3
- PHI 240 Introduction to Ethics 3-0-3

C. Social and Behavioral Sciences (6 SHC)

Select courses from two of the following discipline areas: economics, history, political science, psychology, and sociology.

One course must be a history course.

- ECO 251 Principles of Microeconomics 3-0-3
- ECO 252 Principles of Macroeconomics 3-0-3
- HIS 111 World Civilizations I 3-0-3
- HIS 112 World Civilizations II 3-0-3
- HIS 131 American History I 3-0-3
- HIS 132 American History II 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

D. Natural Sciences (8 SHC)

Select a two-semester course sequence (strongly recommended) in general biology, general chemistry or general physics (a-d) or a pair of the one-semester course combinations listed below (e-j). All courses must have a lab component.

- a. BIO 111 General Biology I 3-3-4
- BIO 112 General Biology II 3-3-4
- b. CHM 151 General Chemistry I 3-3-4
- CHM 152 General Chemistry II 3-3-4
- c. PHY 151 College Physics I 3-2-4
- PHY 152 College Physics II 3-2-4
- d. PHY 251 General Physics I 3-3-4
- PHY 252 General Physics II 3-3-4

e. AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy I Lab	0-2-1
BIO 110	Principles of Biology	3-3-4
f. AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy I Lab	0-2-1
GEL 111	Introductory Geology	3-2-4
g. AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy I Lab	0-2-1
PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics Lab	0-2-1
h. BIO 110	Principles of Biology	3-3-4
GEL 111	Introductory Geology	3-2-4
i. BIO 110	Principles of Biology	3-3-4
PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics Lab	0-2-1
j. GEL 111	Introductory Geology	3-2-4
PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics Lab	0-2-1

E. Mathematics (8 SHC)

Select two courses in mathematics.

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

II. Additional General Education Hours (11 SHC)

Select additional courses from UGETC courses listed above or from the courses classified as General Education courses in the NCCCS Combined Course Library. Students are advised to select courses based on intended major and senior institution.

ANT 210	General Anthropology	3-0-3
ANT 220	Cultural Anthropology	3-0-3
ASL 111	Elementary ASL I	3-0-3
ASL 112	Elementary ASL II	3-0-3
BIO 120	Introductory Botany	3-3-4
BIO 130	Introductory Zoology	3-3-4
BIO 140	Environmental Biology	3-0-3
BIO 140A	Environmental Biology Lab	0-3-1
CHI 111	Elementary Chinese I	3-0-3
CHI 112	Elementary Chinese II	3-0-3
CHI 211	Intermediate Chinese I	3-0-3
CHI 212	Intermediate Chinese II	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
CIS 110	Introduction to Computers	2-2-3
CIS 115	Introduction to Programming and Logic	2-2-3
COM 110	Introduction to Communication	3-0-3
COM 120	Interpersonal Communication	3-0-3
COM 140	Intro to Intercultural Communication	3-0-3
DRA 111	Theatre Appreciation	3-0-3
ECO 151	Survey of Economics	3-0-3
ENG 113	Literature-Based Research	3-0-3
ENG 114	Prof Research and Reporting	3-0-3

ENG 233	Major American Writers	3-0-3
ENG 243	Major British Writers	3-0-3
ENG 261	World Literature I	3-0-3
ENG 262	World Literature II	3-0-3
GEL 113	Historical Geology	3-2-4
GEL 230	Environmental Geology	3-2-4
HIS 121	Western Civilization I	3-0-3
HIS 122	Western Civilization II	3-0-3
HUM 110	Technology and 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
HUM 150	American Women's Studies	3-0-3
HUM 160	Introduction to Film	2-2-3
HUM 220	Human Values and Meaning	3-0-3
MAT 273	Calculus III	3-2-4
PHI 230	Introduction to Logic	3-0-3
PSY 237	Social Psychology	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	Introduction to Old Testament	3-0-3
REL 212	Introduction to New Testament	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 240	Social Psychology	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 Required Hours (15 SHC)

In addition to ACA 122 and 2 SHC of PED, 12 SHC can be selected from the UGETC and General Education courses listed above and any courses classified Pre-Major/Elective (listed below) in the Comprehensive Articulation Agreement. Students are advised to select courses based on intended major and senior institution requirements. Students must meet the receiving university's foreign language, health and physical education requirements, if applicable, prior to or after transfer to the senior institution. Students need to complete two courses in foreign language if two semesters or more if a foreign language was not taken in high school.

ACA 122	College Transfer Success	1-0-1
ACC 120	Principles of Financial Accounting	3-2-4
ACC 121	Principles of Managerial Accounting	3-2-4
ART 121	Design I	0-6-3
ART 122	Design II	0-6-3
ART 131	Drawing I	0-6-3
ART 132	Drawing II	0-6-3
ART 214	Portfolio and Resume	0-2-1
ART 231	Printmaking I	0-6-3
ART 232	Printmaking II	0-6-3
ART 240	Painting I	0-6-3
ART 241	Painting II	0-6-3
ART 281	Sculpture I	0-6-3
ART 282	Sculpture II	0-6-3
ART 283	Ceramics I	0-6-3

ART 284	Ceramics II	0-6-3
BIO 155	Nutrition	3-0-3
BIO 163	Basic Anatomy and Physiology	4-2-5
BIO 165	Anatomy and Physiology I	3-3-4
BIO 166	Anatomy and Physiology II	3-3-4
BIO 168	Anatomy and Physiology I	3-3-4
BIO 169	Anatomy and Physiology II	3-3-4
BIO 175	General Microbiology	2-2-3
BIO 180	Biological Chemistry	2-2-3
BIO 265	Cell Biology	3-3-4
BIO 271	Pathophysiology	3-0-3
BIO 275	Microbiology	3-3-4
BIO 280	Biotechnology	2-2-3
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 130	General, Organic and Biochemistry	3-0-3
CHM 130A	General, Organic, and Biochemistry Lab	0-2-1
CHM 251	Organic Chemistry I	3-3-4
CHM 252	Organic Chemistry II	3-3-4
CJC 111	Introduction to Criminal Justice	3-0-3
CJC 121	Law Enforcement Operations	3-0-3
CJC 141	Corrections	3-0-3
COM 130	Nonverbal Communication	3-0-3
CSC 134	C++ Programming	2-3-3
CSC 139	Visual BASIC Programming	2-3-3
CSC 151	JAVA Programming	2-3-3
CTS 115	Info Sys Business Concepts	3-0-3
DRA 124	Readers Theatre	3-0-3
DRA 130	Acting I	0-6-3
DRA 131	Acting II	0-6-3
DRA 140	Stagecraft I	0-6-3
DRA 170	Play Production I	0-9-3
EGR 150	Intro to Engineering	1-2-2
EGR 220	Engineering Statics	3-0-3
ENG 125	Creative Writing I	3-0-3
ENG 273	African American Literature	3-0-3
HEA 110	Personal Health and Wellness	3-0-3
HIS 222	African-American History I	3-0-3
HIS 223	African-American History II	3-0-3
HIS 226	The Civil War	3-0-3
HIS 236	North Carolina History	3-0-3
MAT 143	Quantitative Literacy	2-2-3
MAT 152	Statistical Methods I	3-2-4
MAT 280	Linear Algebra	2-2-3
MAT 285	Differential Equations	2-2-3
PED 110	Fit and Well for Life	1-2-2
PED 113	Aerobics I	0-3-1
PED 114	Aerobics II	0-3-1
PED 115	Step Aerobics I	0-3-1
PED 116	Step Aerobics II	0-3-1
PED 117	Weight Training I	0-3-1
PED 118	Weight Training II	0-3-1
PED 121	Walk, Jog, Run	0-3-1

University Transfer, Associate in Science (A10400)

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PED 128	Golf-Beginning	0-2-1
PED 130	Tennis-Beginning	0-2-1
PED 139	Bowling-Beginning	0-2-1
PED 143	Volleyball-Beginning	0-2-1
PED 145	Basketball-Beginning	0-2-1
PED 148	Softball	0-2-1
PED 149	Flag Football	0-2-1
PED 155	Water Aerobics	0-2-1
PED 160	Canoeing-Basic	0-2-1
PED 219	Disc Golf	0-2-1
PED 254	Coaching Basketball	1-2-2
POL 130	State and Local Government	3-0-3
PSY 246	Adolescent Psychology	3-0-3
SOC 232	Social Context of Aging	3-0-3
SPA 141	Culture and Civilization	3-0-3