

# Associate in Science Curriculum (A10400)

## General Education (45 Credit Hours)

The general education common course pathway includes study in the area of English composition; humanities and fine arts; social and behavioral sciences; natural sciences and mathematics.

## Universal General Education Transfer Component

(All Universal General Education Transfer Component (UGETC) courses will transfer for equivalency credit to the UNC university system.)

### English Composition (6 Credit Hours)

The following **two** English composition courses are **required**.

ENG 111	Writing & Inquiry	(3)
ENG 112	Writing/Research in the Disciplines	(3)

### Humanities/Fine Arts (6 Credit Hours)

Select **two** courses from the following from different disciplines (prefixes):

ART 111	Art Appreciation	(3)
ART 114	Art History Survey I	(3)
ART 115	Art History Survey II	(3)
COM 231	Public Speaking	(3)
ENG 231	American Literature	(3)
ENG 232	American Literature II	(3)
MUS 110	Music Appreciation	(3)
MUS 112	Introduction to Jazz	(3)
PHI 215	Philosophical Issues	(3)
PHI 240	Introduction to Ethics	(3)

### Social/Behavioral Sciences (6 Credit Hours)

Select **two** courses from the following from different disciplines (prefixes):

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

### Mathematics (8 Credit Hours)

Select **two** courses from the following:

MAT 171	Pre-calculus Algebra	(4)
MAT 172	Pre-calculus Trigonometry	(4)
MAT 263	Brief Calculus	(4)
MAT 271	Calculus I	(4)

### Natural Sciences (8 Credit Hours)

Select **one** sequence from the following pairs:

BIO 111	General Biology I (4)	<b>AND</b>	BIO 112	General Biology II (4)
CHM 151	General Chemistry I (4)	<b>AND</b>	CHM 152	General Chemistry II (4)
PHY 151	College Physics I (4)	<b>AND</b>	PHY 152	College Physics II (4)
PHY 251	General Physics I (4)	<b>AND</b>	PHY 252	General Physics II (4)

## Additional General Education Hours (11 Credit Hours) – See list A & B on back.

Choice of additional **7 credit hours** includes all **courses listed above** except for ENG 111 & 112 as well as **List A** on the back of this sheet.

Remaining **4 credit hours** should be chosen from **List B**. **Select courses based on the intended major and transfer university.**

## Other Required Hours (15 Credit Hours) -

Choice of additional **14 credit hours** - plus ACA 122 (1 credit hour) - includes all **courses listed above** except for ENG 111 & 112; **List A & B**; and the **Other Required Hours** listed on the back of this sheet. **Select courses based on intended major and transfer university.**

ACA 122	College Transfer Success	(1)	<b>REQUIRED</b>
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**TOTAL CREDIT HOURS IN PROGRAM: 60-61**

**Additional General Education Hours (11 Credit Hours) – Choice of additional 7 credit hours includes all courses listed in *General Education* section on front except for ENG 111 & 112 as well as *List A*. Remaining 4 credit hours should be chosen from *List B*. (Bolded courses are UGETC courses that will transfer for equivalency credit to the UNC university system.)**

**LIST A: CHOOSE A TOTAL OF 7 CREDIT HOURS FROM THIS LIST**

ANT 210 General Anthropology (3)	ECO 151 Survey of Economics (3)	HUM 121 The Nature of America (3)	POL 210 Comparative Gov'nment (3)
ANT 220 Cultural Anthropology (3)	ENG 113 Lit. Based Research (3)	HUM 130 Myth in Human Culture (3)	POL 220 International Relations (3)
ART 116 Survey of American Art (3)	ENG 114 Prof Research & Report. (3)	HUM 150 Am. Women's Studies (3)	PSY 237 Social Psychology (3)
AST 111 Descriptive Astronomy (3)	ENG 131 Intro to Literature (3)	HUM 160 Introduction to Film (3)	PSY 241 Developmental Psych. (3)
AST 111A Descriptive Astro Lab (1)	ENG 233 Major American Writers (3)	HUM 161 Advanced Film Studies (3)	PSY 281 Abnormal Psychology (3)
<b>BIO 112 General Biology II (4)</b>	ENG 241 British Literature I (3)	HUM 220 Human Values & Mean. (3)	REL 110 World Religions (3)
BIO 130 Introduction to Zoology (4)	ENG 242 British Literature II (3)	<b>MAT 172 Pre-calculus Trig (4)</b>	REL 211 Intro to Old Testament (3)
BIO 140 Environmental Biology (3)	ENG 261 World Literature I (3)	<b>MAT 263 Brief Calculus (4)</b>	REL 212 Intro to New Testament (3)
BIO 140A Environmental Biology (1)	ENG 262 World Literature II (3)	<b>MAT 271 Calculus I (4)</b>	REL 221 Religion in America (3)
CHM 131 Intro to Chemistry (3)	GEL 113 Historical Geology (4)	MAT 272 Calculus II (4)	RUS 111 Elementary Russian I (3)
CHM 131A Intro to Chemistry Lab (1)	GEL 230 Environmental Geology (4)	MAT 273 Calculus III (4)	RUS 112 Elementary Russian II (3)
CHM 132 Organic & Biochemistry (4)	GEO 111 World Regional Geog. (3)	MUS 210 History of Rock Music (3)	RUS 211 Intermediate Russian I (3)
<b>CHM 152 General Chemistry II (4)</b>	GEO 112 Cultural Geography (3)	MUS 212 Am. Musical Theatre (3)	RUS 212 Intermediate Russian II (3)
CIS 110 Intro to Computers (3)	HIS 115 Intro to Global History (3)	PHI 230 Introduction to Logic (3)	SOC 213 Sociology of the Family (3)
CIS 115 Intro to Prog & Logic (3)	HIS 121 Western Civilization I (3)	<b>PHY 151 College Physics I (4)</b>	SOC 220 Social Problems (3)
COM 110 Intro to Communication (3)	HIS 122 Western Civilization II (3)	<b>PHY 152 College Physics II (4)</b>	SOC 225 Social Diversity (3)
COM 120 Intro to Interp. Comm (3)	HUM 110 Technology & Society (3)	<b>PHY 251 General Physics I (4)</b>	SPA 111 Elementary Spanish I (3)
DRA 111 Theatre Appreciation (3)	HUM 115 Critical Thinking (3)	<b>PHY 252 General Physics II (4)</b>	SPA 112 Elementary Spanish II (3)
DRA 112 Literature of the Theatre (3)	HUM 120 Cultural Studies (3)	POL 110 Intro to Political Science (3)	SPA 211 Intermediate Spanish I (3)
			SPA 212 Intermediate Spanish II (3)

**LIST B: CHOOSE 4 CREDIT HOURS FROM THIS LIST**

<b>MAT 152 Statistical Analysis (4)</b>	<b>MAT 271 Calculus I (4)</b>	MAT 273 Calculus III (4)
<b>MAT 263 Brief Calculus (4)</b>	MAT 272 Calculus II (4)	

**Other Required Hours (14 Credit Hours) – Choice of additional 14 credit hours - plus ACA 122 (1 credit hour)- includes all courses listed in *General Education* section on front page except for ENG 111 & 112; *List A & B* above; and the list below.**

ACC 120 Prin of Financial Account. (4)	CHM 252 Organic Chemistry II (4)	HUM 230 Leadership Development (3)	PED 139 Bowling – Beginning (1)
ACC 121 Prin of Managerial Acc. (4)	CHM 263 Analytical Chemistry (5)	JOU 110 Intro to Journalism (3)	PED 142 Lifetime Sports (1)
ART 118 Art by Women (3)	CJC 111 Intro to Criminal Justice (3)	JOU 216 Writing for Mass Media (3)	PED 143 Volleyball – Beginning (1)
ART 121 Design I (3)	CJC 121 Law Enforcement Op. (3)	JOU 217 Feature/Editorial Writing (3)	PED 145 Basketball – Beginning (1)
ART 122 3-D Design (3)	CJC 141 Corrections (3)	MAT 280 Linear Algebra (3)	PED 147 Soccer (1)
ART 131 Drawing I (3)	CSC 134 C++ Programming (3)	MAT 285 Differential Equations (3)	PED 181 Snow Skiing – Beginning (1)
ART 132 Drawing II (3)	CSC 139 Visual BASIC Prog (3)	MUS 111 Fundamentals of Music (3)	PED 216 Indoor Cycling (1)
ART 135 Figure Drawing 1 (3)	CSC 151 JAVA Programming (3)	MUS 121 Music Theory I (4)	PED 217 Pilates I (1)
ART 171 Computer Art 1 (3)	CSC 239 Adv Visual BASIC Prog (3)	MUS 122 Music Theory II (4)	PED 230 Shotokan Karate (1)
ART 240 Painting I (3)	CTS 115 Info Sys Business Concept (3)	MUS 123 Music Composition (1)	PED 231 Judo (1)
ART 241 Painting II (3)	DRA 120 Voice for Performance (3)	MUS 131 Chorus I (1)	PED 232 Aikido (1)
ART 264 Digital Photography I (3)	DRA 130 Acting I (3)	MUS 132 Chorus II (1)	PED 233 Ju-Jitsu (1)
ART 265 Digital Photography II (3)	DRA 131 Acting II (3)	PED 110 Fit and Well for Life (2)	PED 234 Kung Fu (1)
ART 281 Sculpture I (3)	DRA 140 Stagecraft I (3)	PED 111 Physical Fitness I (1)	PED 235 Tai Chi (1)
ART 282 Sculpture II (3)	DRA 141 Stagecraft II (3)	PED 113 Aerobics I (1)	PED 236 Kempo (1)
ART 283 Ceramics I (3)	DRA 142 Costuming (3)	PED 115 Step Aerobics I (1)	PED 237 Tae Kwon Do (1)
ART 284 Ceramics II (3)	DRA 170 Play Production I (3)	PED 117 Weight Training I (1)	PED 238 Jeet Kune Do (1)
BIO 163 Basic Anat. & Physiology (5)	DRA 171 Play Production II (3)	PED 118 Weight Training II (1)	PED 239 Kickboxing (1)
BIO 168 Anatomy & Physiology I (4)	DRA 240 Lighting for Theatre (3)	PED 119 Circuit Training (1)	POL 130 State & Local Government (3)
BIO 169 Anatomy & Physiology II (4)	DRA 260 Directing (3)	PED 120 Walking for Fitness (1)	PSY 215 Positive Psychology (3)
BIO 175 General Microbiology (3)	ENG 125 Creative Writing I (3)	PED 121 Walk, Jog, Run (1)	PSY 231 Forensic Psychology (3)
BIO 250 Genetics (4)	ENG 126 Creative Writing II (3)	PED 122 Yoga I (1)	PSY 259 Human Sexuality (3)
BIO 271 Pathophysiology (4)	ENG 275 Science Fiction (3)	PED 125 Self-Defense: Beginning (1)	SOC 215 Group Process (3)
BIO 275 Microbiology (4)	GEO 110 Intro to Geography (3)	PED 128 Golf – Beginning (1)	SOC 242 Sociology of Deviance (3)
BUS 110 Intro to Business (3)	GIS 111 Introduction to GIS (3)	PED 129 Golf – Intermediate (1)	SPA 141 Culture & Civilization (3)
BUS 115 Business Law I (3)	HEA 110 Personal Health/Wellness (3)	PED 130 Tennis – Beginning (1)	SPA 161 Cultural Immersion (3)
BUS 137 Prin of Management (3)	HIS 231 Recent American History (3)	PED 132 Racquetball – Beginning (1)	SPA 221 Spanish Conversation (3)
CHM 251 Organic Chemistry I (4)	HUM 170 The Holocaust (3)	PED 137 Badminton (1)	

\*\*\*\*Students must meet the receiving university's foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution.\*\*\*\*