

## Associate in Science A10400 2015FA-2016SU Local Advising Check Sheet

Final graduation verification will be completed in the Records office using the state level approved Program of Study.

<b>GENERAL EDUCATION (45 SHC)</b> The general education common course pathway includes study in the areas of English composition; humanities and fine arts; social and behavioral sciences; natural sciences and mathematics.			
<b>UNIVERSAL GENERAL EDUCATION TRANSFER COMPONENT (UGETC)</b> <i>(All Universal General Education Transfer Component courses will transfer for equivalency credit to UNC Universities.) UGETC courses are listed in bold.</i>			
<b>English Composition (6 SHC)</b> <i>The following two English composition courses are required.</i>		Semester Hours Credit	
<b>ENG 111 Writing &amp; Inquiry</b>		(3)	
<b>ENG 112 Writing/Research in the Disciplines</b>		(3)	
<b>Humanities/Fine Arts/ Communications (6 SHC)</b> <i>Select two courses from the following from at least two different disciplines.</i>			
<b>ART 111 Art Appreciation</b>		(3)	
<b>ART 114 Art History Survey I</b>		(3)	
<b>ART 115 Art History Survey II</b>		(3)	
<b>COM 231 Public Speaking</b>		(3)	
<b>ENG 231 American Literature I</b>		(3)	
<b>ENG 232 American Literature II</b>		(3)	
<b>MUS 110 Music Appreciation</b>		(3)	
<b>MUS 112 Introduction to Jazz</b>		(3)	
<b>PHI 215 Philosophical Issues</b>		(3)	
<b>PHI 240 Introduction to Ethics</b>		(3)	
<b>Social/Behavioral Sciences (6 SHC)</b> <i>Select two courses from the following from at least two different disciplines.</i>			
<b>ECO 251 Principles of Microeconomics</b>		(3)	
<b>ECO 252 Principles of Macroeconomics</b>		(3)	
<b>HIS 111 World Civilizations I</b>		(3)	
<b>HIS 112 World Civilizations II</b>		(3)	
<b>HIS 131 American History I</b>		(3)	
<b>HIS 132 American History II</b>		(3)	
<b>POL 120 American Government</b>		(3)	
<b>PSY 150 General Psychology</b>		(3)	
<b>SOC 210 Introduction to Sociology</b>		(3)	
<b>Math (8 SHC)</b> <i>Select two courses from the following:</i>			
<b>MAT 171 Precalculus Algebra</b>		(4)	
<b>MAT 172 Precalculus Trigonometry</b>		(4)	
<b>MAT 263 Brief Calculus</b>		(4)	
<b>MAT 271 Calculus I</b>		(4)	
<b>Natural Sciences (8 SHC)</b> <i>Select 8 SHC from the following course(s):</i>			
<b>BIO 111 General Biology I</b>	(4) SHC and	<b>BIO 112 General Biology II</b>	(4) SHC
<b>CHM 151 General Chemistry I</b>	(4) SHC and	<b>CHM 152 General Chemistry II</b>	(4) SHC
<b>PHY 151 College Physics I</b>	(4) SHC and	<b>PHY 152 College Physics II</b>	(4) SHC
<b>PHY 251 General Physics I</b>	(4) SHC and	<b>PHY 252 General Physics II</b>	(4) SHC

\*\*\*\*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.\*\*\*\*

## ADDITIONAL GENERAL EDUCATION HOURS (11 SHC; 7 SHC from List A and 4 SHC from List B)

**List A:** Select (7 SHC) from courses classified as general education within the Comprehensive Articulation Agreement.

Students should select these courses based on their intended major and transfer university.

Courses listed below may not be offered at Forsyth Tech every semester.

ANT 210 General Anthropology	(3)	ENG 113 Literature-Based Research	(3)	MAT 273 Calculus III	(4)
ANT 220 Cultural Anthropology	(3)	ENG 114 Prof Research & Reporting	(3)	<b>MUS 110 Music Appreciation</b>	<b>(3)</b>
ARA 111 Elementary Arabic I	(3)	ENG 131 Introduction to Literature	(3)	<b>MUS 112 Introduction to Jazz</b>	<b>(3)</b>
ARA 112 Elementary Arabic II	(3)	<b>ENG 231 American Literature I</b>	<b>(3)</b>	MUS 210 History of Rock Music	(3)
ARA 211 Intermediate Arabic I	(3)	<b>ENG 232 American Literature II</b>	<b>(3)</b>	MUS 211 History of Country Music	(3)
ARA 212 Intermediate Arabic II	(3)	ENG 233 Major American Writers	(3)	MUS 212 American Musical Theatre	(3)
<b>ART 111 Art Appreciation</b>	<b>(3)</b>	ENG 241 British Literature I	(3)	<b>PHI 215 Philosophical Issues</b>	<b>(3)</b>
<b>ART 114 Art History Survey I</b>	<b>(3)</b>	ENG 242 British Literature II	(3)	PHI 230 Introduction to Logic	(3)
<b>ART 115 Art History Survey II</b>	<b>(3)</b>	ENG 261 World Literature I	(3)	<b>PHI 240 Introduction to Ethics</b>	<b>(3)</b>
ART 116 Survey of American Art	(3)	ENG 262 World Literature II	(3)	<b>PHY 110 Conceptual Physics</b>	<b>(3)</b>
<b>AST 151 General Astronomy I</b>	<b>(3)</b>	FRE 111 Elementary French I	(3)	<b>PHY 110A Conceptual Physics Lab</b>	<b>(1)</b>
<b>AST 151A General Astronomy I Lab</b>	<b>(1)</b>	FRE 112 Elementary French II	(3)	<b>PHY 151 College Physics I</b>	<b>(4)</b>
AST 152 General Astronomy II	(3)	<b>GEL 111 Geology</b>	<b>(4)</b>	<b>PHY 152 College Physics II</b>	<b>(4)</b>
AST 152A General Astronomy II Lab	(1)	GEL 113 Historical Geology	(4)	<b>PHY 251 General Physics I</b>	<b>(4)</b>
<b>BIO 110 Principles of Biology</b>	<b>(4)</b>	GEL 120 Physical Geology	(4)	<b>PHY 252 General Physics II</b>	<b>(4)</b>
<b>BIO 111 General Biology I</b>	<b>(4)</b>	GEL 230 Environmental Geology	(4)	POL 110 Intro Political Science	(3)
<b>BIO 112 General Biology II</b>	<b>(4)</b>	GEO 111 World Regional Geography	(3)	<b>POL 120 American Government</b>	<b>(3)</b>
BIO 120 Introductory Botany	(4)	GEO 112 Cultural Geography	(3)	POL 210 Comparative Government	(3)
BIO 130 Introductory Zoology	(4)	GEO 130 General Physical Geography	(3)	POL 220 International Relations	(3)
BIO 140 Environmental Biology	(3)	<b>HIS 111 World Civilizations I</b>	<b>(3)</b>	<b>PSY 150 General Psychology</b>	<b>(3)</b>
BIO 140A Environmental Biology Lab	(1)	<b>HIS 112 World Civilizations II</b>	<b>(3)</b>	PSY 237 Social Psychology	(3)
CHI 111 Elementary Chinese I	(3)	HIS 115 Intro to Global History	(3)	PSY 241 Developmental Psychology	(3)
CHI 112 Elementary Chinese II	(3)	HIS 121 Western Civilization I	(3)	PSY 281 Abnormal Psychology	(3)
CHI 211 Intermediate Chinese I	(3)	HIS 122 Western Civilization II	(3)	REL 110 World Religions	(3)
CHI 212 Intermediate Chinese II	(3)	<b>HIS 131 American History I</b>	<b>(3)</b>	REL 211 Intro to Old Testament	(3)
CHM 131 Introduction to Chemistry	(3)	<b>HIS 132 American History II</b>	<b>(3)</b>	REL 212 Intro to New Testament	(3)
CHM 131A Intro to Chemistry Lab	(1)	HUM 110 Technology and Society	(3)	REL 221 Religion in America	(3)
CHM 132 Organic and Biochemistry	(4)	HUM 115 Critical Thinking	(3)	RUS 111 Elementary Russian I	(3)
<b>CHM 151 General Chemistry I</b>	<b>(4)</b>	HUM 120 Cultural Studies	(3)	RUS 112 Elementary Russian II	(3)
<b>CHM 152 General Chemistry II</b>	<b>(4)</b>	HUM 121 The Nature of America	(3)	RUS 211 Intermediate Russian I	(3)
CIS 110 Introduction to Computers	(3)	HUM 130 Myth in Human Culture	(3)	RUS 212 Intermediate Russian II	(3)
CIS 115 Intro to Prog & Logic	(3)	HUM 150 American Women's Studies	(3)	<b>SOC 210 Introduction to Sociology</b>	<b>(3)</b>
COM 110 Introduction to Communication	(3)	HUM 160 Introduction to Film	(3)	SOC 213 Sociology of the Family	(3)
COM 120 Intro Interpersonal Com	(3)	HUM 161 Advanced Film Studies	(3)	SOC 220 Social Problems	(3)
<b>COM 231 Public Speaking</b>	<b>(3)</b>	HUM 220 Human Values and Meaning	(3)	SOC 225 Social Diversity	(3)
DRA 111 Theatre Appreciation	(3)	<b>MAT 171 Precalculus Algebra</b>	<b>(4)</b>	SPA 111 Elementary Spanish I	(3)
DRA 112 Literature of the Theatre	(3)	<b>MAT 172 Precalculus Trigonometry</b>	<b>(4)</b>	SPA 112 Elementary Spanish II	(3)
ECO 151 Survey of Economics	(3)	<b>MAT 263 Brief Calculus</b>	<b>(4)</b>	SPA 211 Intermediate Spanish I	(3)
<b>ECO 251 Prin of Microeconomics</b>	<b>(3)</b>	<b>MAT 271 Calculus I</b>	<b>(4)</b>	SPA 212 Intermediate Spanish II	(3)
<b>ECO 252 Prin of Macroeconomics</b>	<b>(3)</b>	MAT 272 Calculus II	(4)		

**List B** Select (4 SHC) from this list.

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

**Total General Education Hours Required: 45**

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## OTHER REQUIRED HOURS (15 SHC)

Academic Transition (1 SHC)

The following course is **required**: ACA 122 College Transfer Success (1 SHC)

Other Required Hours (14 SHC)

Courses are listed on next page.

**TOTAL CREDIT HOURS IN PROGRAM: 60-61**

(Minimum of 60 SHC required to graduate.)

**OTHER REQUIRED HOURS Continued**

Select 14 SHC from courses classified as pre-major, elective or general education courses within the Comprehensive Articulation Agreement. Students should select these courses based on their intended major and transfer university. **Courses listed may not be offered at Forsyth Tech every semester.**

ACC 120 Prin of Financial Accounting (4)	CHM 132 Organic and Biochemistry (4)	GIS 111 Introduction to GIS (3)	PED 142 Lifetime Sports (1)
ACC 121 Prin of Managerial Accounting (4)	<b>CHM 151 General Chemistry I (4)</b>	HEA 110 Personal Health/Wellness (3)	PED 143 Volleyball – Beginning (1)
ANT 210 General Anthropology (3)	<b>CHM 152 General Chemistry II (4)</b>	<b>HIS 111 World Civilizations I (3)</b>	PED 145 Basketball – Beginning (1)
ANT 220 Cultural Anthropology (3)	CHM 251 Organic Chemistry I (4)	<b>HIS 112 World Civilizations II (3)</b>	PED 147 Soccer (1)
ARA 111 Elementary Arabic I (3)	CHM 252 Organic Chemistry II (4)	HIS 115 Intro to Global History (3)	PED 181 Snow Skiing – Beginning (1)
ARA 112 Elementary Arabic II (3)	CHM 263 Analytical Chemistry (5)	HIS 121 Western Civilization I (3)	PED 216 Indoor Cycling (1)
ARA 211 Intermediate Arabic I (3)	CIS 110 Introduction to Computers (3)	HIS 122 Western Civilization II (3)	PED 217 Pilates I (1)
ARA 212 Elementary Arabic II (3)	CIS 115 Intro to Prog & Logic (3)	<b>HIS 131 American History I (3)</b>	PED 230 Shotokan Karate (1)
<b>ART 111 Art Appreciation (3)</b>	CJC 111 Intro to Criminal Justice (3)	<b>HIS 132 American History II (3)</b>	PED 231 Judo (1)
<b>ART 114 Art History Survey I (3)</b>	CJC 121 Law Enforcement Operations (3)	HIS 151 Hispanic Civilization (3)	PED 232 Aikido (1)
<b>ART 115 Art History Survey II (3)</b>	CJC 141 Corrections (3)	HIS 221 African-American History (3)	PED 233 Ju-Jitsu (1)
ART 116 Survey of American Art (3)	COM 110 Introduction to Communication (3)	HIS 231 Recent American History (3)	PED 234 Kung Fu (1)
ART 118 Art by Women (3)	COM 120 Intro Interpersonal Com (3)	HUM 110 Technology and Society (3)	PED 235 Tai Chi (1)
ART 121 Two-Dimensional Design (3)	<b>COM 231 Public Speaking (3)</b>	HUM 115 Critical Thinking (3)	PED 236 Kempo (1)
ART 122 Three-Dimensional Design (3)	CSC 134 C++ Programming (3)	HUM 120 Cultural Studies (3)	PED 237 Tae Kwon Do (1)
ART 131 Drawing I (3)	CSC 139 Visual BASIC Programming (3)	HUM 121 The Nature of America (3)	PED 238 Jeet Kune Do (1)
ART 132 Drawing II (3)	CSC 151 JAVA Programming (3)	HUM 130 Myth in Human Culture (3)	PED 239 Kickboxing (1)
ART 135 Figure Drawing 1 (3)	CSC 239 Advanced Visual BASIC Prog (3)	HUM 150 American Women’s Studies (3)	<b>PHI 215 Philosophical Issues (3)</b>
ART 171 Computer Art 1 (3)	CTS 115 Info Sys Business Concepts (3)	HUM 160 Introduction to Film (3)	PHI 230 Introduction to Logic (3)
ART 240 Painting I (3)	DRA 111 Theatre Appreciation (3)	HUM 170 The Holocaust (3)	<b>PHI 240 Introduction to Ethics (3)</b>
ART 241 Painting II (3)	DRA 112 Literature of the Theatre (3)	HUM 220 Human Values and Meaning (3)	<b>PHY 110 Conceptual Physics (3)</b>
ART 264 Digital Photography I (3)	DRA 120 Voice for Performance (3)	HUM 230 Leadership Development (3)	<b>PHY 110A Conceptual Physics Lab (1)</b>
ART 265 Digital Photography II (3)	DRA 130 Acting I (3)	JOU 110 Intro to Journalism (3)	<b>PHY 151 College Physics I (4)</b>
ART 281 Sculpture I (3)	DRA 131 Acting II (3)	JOU 216 Writing for Mass Media (3)	<b>PHY 152 College Physics II (4)</b>
ART 282 Sculpture II (3)	DRA 140 Stagecraft I (3)	JOU 217 Feature/Editorial Writing (3)	<b>PHY 251 General Physics I (4)</b>
ART 283 Ceramics I (3)	DRA 141 Stagecraft II (3)	<b>MAT 171 Precalculus Algebra (4)</b>	<b>PHY 252 General Physics II (4)</b>
ART 284 Ceramics II (3)	DRA 142 Costuming (3)	<b>MAT 172 Precalculus Trigonometry (4)</b>	POL 110 Intro to Political Science (3)
<b>AST 151 General Astronomy I (3)</b>	DRA 170 Play Production I (3)	<b>MAT 263 Brief Calculus (4)</b>	<b>POL 120 American Government (3)</b>
<b>AST 151A General Astronomy I Lab (1)</b>	DRA 171 Play Production II (3)	<b>MAT 271 Calculus I (4)</b>	POL 130 State & Local Government (3)
AST 152 General Astronomy II (3)	DRA 240 Lighting for Theatre (3)	MAT 272 Calculus II (4)	POL 210 Comparative Government (3)
AST 152A General Astronomy II Lab (1)	DRA 260 Directing (3)	MAT 273 Calculus III (4)	POL 220 International Relations (3)
<b>BIO 110 Principles of Biology (4)</b>	ECO 151 Survey of Economics (3)	MAT 280 Linear Algebra (3)	<b>PSY 150 General Psychology (3)</b>
<b>BIO 111 General Biology I (4)</b>	<b>ECO 251 Prin of Microeconomics (3)</b>	MAT 285 Differential Equations (3)	PSY 215 Positive Psychology (3)
<b>BIO 112 General Biology II (4)</b>	<b>ECO 252 Prin of Macroeconomics (3)</b>	<b>MUS 110 Music Appreciation (3)</b>	PSY 231 Forensic Psychology (3)
BIO 120 Introductory Botany (4)	ENG 113 Literature-Based Research (3)	MUS 111 Fundamentals of Music (3)	PSY 237 Social Psychology (3)
BIO 130 Introductory Zoology (4)	ENG 114 Prof Research & Reporting (3)	<b>MUS 112 Introduction to Jazz (3)</b>	PSY 241 Developmental Psychology (3)
BIO 140 Environmental Biology (3)	ENG 125 Creative Writing I (3)	MUS 121 Music Theory I (4)	PSY 259 Human Sexuality (3)
BIO 140A Environmental Biology Lab (1)	ENG 126 Creative Writing II (3)	MUS 122 Music Theory II (4)	PSY 281 Abnormal Psychology (3)
BIO 143 Field Biology Minicourse (2)	ENG 131 Introduction to Literature (3)	MUS 123 Music Composition (1)	REL 110 World Religions (3)
BIO 146 Regional Natural History (4)	<b>ENG 231 American Literature I (3)</b>	MUS 131 Chorus I (1)	REL 211 Intro to Old Testament (3)
BIO 150 Genetics in Human Affairs (3)	<b>ENG 232 American Literature II (3)</b>	MUS 132 Chorus II (1)	REL 212 Intro to New Testament (3)
BIO 163 Basic Anat & Physiology (5)	ENG 233 Major American Writers (3)	MUS 210 History of Rock Music (3)	RUS 111 Elementary Russian I (3)
BIO 168 Anatomy & Physiology I (4)	ENG 241 British Literature I (3)	MUS 211 History of Country Music (3)	RUS 112 Elementary Russian II (3)
BIO 169 Anatomy & Physiology II (4)	ENG 242 British Literature II (3)	MUS 212 American Musical Theatre (3)	RUS 211 Intermediate Russian I (3)
BIO 175 General Microbiology (3)	ENG 261 World Literature I (3)	PED 110 Fit and Well for Life (2)	RUS 212 Intermediate Russian II (3)
BIO 250 Genetics (4)	ENG 262 World Literature II (3)	PED 111 Physical Fitness I (1)	<b>SOC 210 Introduction to Sociology (3)</b>
BIO 271 Pathophysiology (3)	ENG 273 African-American Literature (3)	PED 113 Aerobics I (1)	SOC 213 Sociology of the Family (3)
BIO 275 Microbiology (4)	ENG 275 Science Fiction (3)	PED 115 Step Aerobics I (1)	SOC 215 Group Process (3)
BUS 110 Introduction to Business (3)	FRE 111 Elementary French I (3)	PED 117 Weight Training I (1)	SOC 220 Social Problems (3)
BUS 115 Business Law I (3)	FRE 112 Elementary French II (3)	PED 119 Circuit Training (1)	SOC 225 Social Diversity (3)
BUS 137 Prin of Management (3)	<b>GEL 111 Geology (4)</b>	PED 120 Walking for Fitness (1)	SOC 242 Sociology of Deviance (3)
CHI 111 Elementary Chinese I (3)	GEL 113 Historical Geology (4)	PED 121 Walk, Jog, Run (1)	SPA 111 Elementary Spanish I (3)
CHI 112 Elementary Chinese II (3)	GEL 120 Physical Geology (4)	PED 122 Yoga I (1)	SPA 112 Elementary Spanish II (3)
CHI 211 Intermediate Chinese I (3)	GEL 230 Environmental Geology (4)	PED 125 Self-Defense: Beginning (1)	SPA 141 Culture and Civilization (3)
CHI 212 Intermediate Chinese II (3)	GEO 110 Introduction to Geography (3)	PED 128 Golf – Beginning (1)	SPA 161 Cultural Immersion (3)
CHM 130 Gen, Org, & Biochemistry (3)	GEO 111 World Regional Geography (3)	PED 130 Tennis – Beginning (1)	SPA 211 Intermediate Spanish I (3)
CHM 130A Gen, Org, & Biochem Lab (1)	GEO 112 Cultural Geography (3)	PED 132 Racquetball – Beginning (1)	SPA 212 Intermediate Spanish II (3)
CHM 131 Introduction to Chemistry (3)	GEO 130 General Physical Geography (3)	PED 137 Badminton (1)	SPA 221 Spanish Conversation (3)
CHM 131A Intro to Chemistry Lab (1)	GEO 131 Physical Geography I (4)	PED 139 Bowling – Beginning (1)	7/20/15 CES-SH/PDA A10400 AS