

## Associate in Science A10400

### 2019FA-2020SP Local Advising Check Sheet

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

**GENERAL EDUCATION (45 SHC):** 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

**UNIVERSAL GENERAL EDUCATION TRANSFER COMPONENT (UGETC)**

*(All Universal General Education Transfer Component courses will transfer for equivalency credit to UNC Universities.)*

**UGETC courses are listed in bold.**

**English Composition (6 SHC)**

*The following two English composition courses are required.*

Semester Hours Credit

<b>ENG 111</b>	<b>Writing &amp; Inquiry</b>	(3)
<b>ENG 112</b>	<b>Writing/Research in the Disciplines</b>	(3)

**Humanities/Fine Arts/Communications (6 SHC)**

*Select two courses from the following from at least two different disciplines*

Semester Hours Credit

<b>ART 111</b>	<b>Art Appreciation</b>	(3)
<b>ART 114</b>	<b>Art History Survey I</b>	(3)
<b>ART 115</b>	<b>Art History Survey II</b>	(3)
<b>COM 231</b>	<b>Public Speaking</b>	(3)
<b>ENG 231</b>	<b>American Literature I</b>	(3)
<b>ENG 232</b>	<b>American Literature II</b>	(3)
<b>ENG 241</b>	<b>British Literature I</b>	(3)
<b>ENG 242</b>	<b>British Literature II</b>	(3)
<b>MUS 110</b>	<b>Music Appreciation</b>	(3)
<b>MUS 112</b>	<b>Introduction to Jazz</b>	(3)
<b>PHI 215</b>	<b>Philosophical Issues</b>	(3)
<b>PHI 240</b>	<b>Introduction to Ethics</b>	(3)

**Social/Behavioral Sciences (6 SHC)**

*Select two courses from the following from at least two different disciplines*

Semester Hours Credit

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

**Mathematics (8 SHC)**

*Select two courses from the following:*

Semester Hours Credit

<b>MAT 171</b>	<b>Precalculus Algebra</b>	(4)
<b>MAT 172</b>	<b>Precalculus Trigonometry</b>	(4)
<b>MAT 263</b>	<b>Brief Calculus</b>	(4)
<b>MAT 271</b>	<b>Calculus I</b>	(4)

**Natural Sciences (8 SHC)**

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

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

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

MAT 152	Statistical Methods 1	(4)	MAT 271	Calculus I	(4)	MAT 273	Calculus III	(4)
MAT 263	Brief Calculus	(4)	MAT 272	Calculus II	(4)			

**Total General Education Hours Required: 45**

**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 listed on next page.*

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

(Minimum of 60 SHC required to graduate.)

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

**OTHER REQUIRED HOURS:** 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 251	Organic Chemistry I	(4)	<b>GEL 111</b>	<b>Geology</b>	(4)	PED 122	Yoga I	(1)
ACC 121	Prin of Managerial Accounting	(4)	CHM 252	Organic Chemistry II	(4)	GEL 113	Historical Geology	(4)	PED 125	Self-Defense: Beginning	(1)
ANT 210	General Anthropology	(3)	CHM 263	Analytical Chemistry	(5)	GEL 120	Physical Geology	(4)	PED 128	Golf – Beginning	(1)
ANT 220	Cultural Anthropology	(3)	CIS 110	Introduction to Computers	(3)	GEL 230	Environmental Geology	(4)	PED 130	Tennis – Beginning	(1)
ARA 111	Elementary Arabic I	(3)	CIS 115	Intro to Prog & Logic	(3)	GEO 110	Introduction to Geography	(3)	PED 137	Badminton	(1)
ARA 112	Elementary Arabic II	(3)	CJC 111	Intro to Criminal Justice	(3)	GEO 111	World Regional Geography	(3)	PED 139	Bowling – Beginning	(1)
ARA 211	Intermediate Arabic I	(3)	CJC 121	Law Enforcement Operations	(3)	GEO 112	Cultural Geography	(3)	PED 142	Lifetime Sports	(1)
ARA 212	Elementary Arabic II	(3)	CJC 141	Corrections	(3)	GEO 130	General Physical Geography	(3)	PED 143	Volleyball – Beginning	(1)
<b>ART 111</b>	<b>Art Appreciation</b>	(3)	COM 110	Introduction to Communication	(3)	GEO 131	Physical Geography I	(4)	PED 145	Basketball – Beginning	(1)
<b>ART 114</b>	<b>Art History Survey I</b>	(3)	COM 120	Intro Interpersonal Com	(3)	GIS 111	Introduction to GIS	(3)	PED 147	Soccer	(1)
<b>ART 115</b>	<b>Art History Survey II</b>	(3)	COM 140	Intro Intercultural Com	(3)	HEA 110	Personal Health/Wellness	(3)	PED 181	Snow Skiing – Beginning	(1)
ART 116	Survey of American Art	(3)	<b>COM 231</b>	<b>Public Speaking</b>	(3)	<b>HIS 111</b>	<b>World Civilizations I</b>	(3)	PED 216	Indoor Cycling	(1)
ART 118	Art by Women	(3)	CSC 134	C++ Programming	(3)	<b>HIS 112</b>	<b>World Civilizations II</b>	(3)	PED 217	Pilates I	(1)
ART 121	Two-Dimensional Design	(3)	CSC 139	Visual BASIC Programming	(3)	HIS 115	Intro to Global History	(3)	PED 230	Shotokan Karate	(1)
ART 122	Three-Dimensional Design	(3)	CSC 151	JAVA Programming	(3)	HIS 121	Western Civilization I	(3)	PED 231	Judo	(1)
ART 131	Drawing I	(3)	CSC 239	Advanced Visual BASIC Prog	(3)	HIS 122	Western Civilization II	(3)	PED 232	Aikido	(1)
ART 132	Drawing II	(3)	CTS 115	Info Sys Business Concepts	(3)	<b>HIS 131</b>	<b>American History I</b>	(3)	PED 233	Ju-Jitsu	(1)
ART 135	Figure Drawing 1	(3)	DFT 170	Engineering Graphics	(3)	<b>HIS 132</b>	<b>American History II</b>	(3)	PED 236	Kempo	(1)
ART 171	Computer Art 1	(3)	DRA 111	Theatre Appreciation	(3)	HIS 151	Hispanic Civilization	(3)	PED 237	Tae Kwon Do	(1)
ART 240	Painting I	(3)	DRA 112	Literature of the Theatre	(3)	HIS 221	African-American History	(3)	PED 239	Kickboxing	(1)
ART 241	Painting II	(3)	DRA 120	Voice for Performance	(3)	HIS 231	Recent American History	(3)	<b>PHI 215</b>	<b>Philosophical Issues</b>	(3)
ART 264	Digital Photography I	(3)	DRA 130	Acting I	(3)	HUM 110	Technology and Society	(3)	PHI 230	Introduction to Logic	(3)
ART 265	Digital Photography II	(3)	DRA 131	Acting II	(3)	HUM 115	Critical Thinking	(3)	<b>PHI 240</b>	<b>Introduction to Ethics</b>	(3)
ART 281	Sculpture I	(3)	DRA 135	Acting for the Camera I	(3)	HUM 120	Cultural Studies	(3)	<b>PHY 110</b>	<b>Conceptual Physics</b>	(3)
ART 282	Sculpture II	(3)	DRA 140	Stagecraft I	(3)	HUM 121	The Nature of America	(3)	<b>PHY 110A</b>	<b>Conceptual Physics Lab</b>	(1)
ART 283	Ceramics I	(3)	DRA 141	Stagecraft II	(3)	HUM 130	Myth in Human Culture	(3)	<b>PHY 151</b>	<b>College Physics I</b>	(4)
ART 284	Ceramics II	(3)	DRA 142	Costuming	(3)	HUM 150	American Women's Studies	(3)	<b>PHY 152</b>	<b>College Physics II</b>	(4)
<b>AST 111</b>	<b>Descriptive Astronomy</b>	(3)	DRA 170	Play Production I	(3)	HUM 160	Introduction to Film	(3)	<b>PHY 251</b>	<b>General Physics I</b>	(4)
<b>AST 111A</b>	<b>Descriptive Astronomy Lab</b>	(1)	DRA 171	Play Production II	(3)	HUM 170	The Holocaust	(3)	<b>PHY 252</b>	<b>General Physics II</b>	(4)
<b>AST 151</b>	<b>General Astronomy I</b>	(3)	DRA 211	Theatre History I	(3)	HUM 180	Intl Cultural Explor	(3)	POL 110	Intro to Political Science	(3)
<b>AST 151A</b>	<b>General Astronomy I Lab</b>	(1)	DRA 212	Theatre History II	(3)	HUM 220	Human Values and Meaning	(3)	<b>POL 120</b>	<b>American Government</b>	(3)
AST 152	General Astronomy II	(3)	DRA 240	Lighting for Theatre	(3)	HUM 230	Leadership Development	(3)	POL 130	State & Local Government	(3)
AST 152A	General Astronomy II Lab	(1)	DRA 260	Directing	(3)	JOU 110	Intro to Journalism	(3)	POL 210	Comparative Government	(3)
<b>BIO 110</b>	<b>Principles of Biology</b>	(4)	ECO 151	Survey of Economics	(3)	JOU 216	Writing for Mass Media	(3)	POL 220	International Relations	(3)
<b>BIO 111</b>	<b>General Biology I</b>	(4)	<b>ECO 251</b>	<b>Prin of Microeconomics</b>	(3)	JOU 217	Feature/Editorial Writing	(3)	<b>PSY 150</b>	<b>General Psychology</b>	(3)
<b>BIO 112</b>	<b>General Biology II</b>	(4)	<b>ECO 252</b>	<b>Prin of Macroeconomics</b>	(3)	<b>MAT 143</b>	<b>Quantitative Literacy</b>	(3)	PSY 215	Positive Psychology	(3)
BIO 120	Introductory Botany	(4)	EDU 144	Child Development I	(3)	<b>MAT 152</b>	<b>Statistical Methods I</b>	(4)	PSY 231	Forensic Psychology	(3)
BIO 130	Introductory Zoology	(4)	EDU 145	Child Development II	(3)	<b>MAT 171</b>	<b>Precalculus Algebra</b>	(4)	PSY 237	Social Psychology	(3)
BIO 140	Environmental Biology	(3)	EDU 216	Foundations of Education	(3)	<b>MAT 172</b>	<b>Precalculus Trigonometry</b>	(4)	PSY 241	Developmental Psychology	(3)
BIO 140A	Environmental Biology Lab	(1)	EDU 221	Children With Exceptionalities	(3)	<b>MAT 263</b>	<b>Brief Calculus</b>	(4)	PSY 259	Human Sexuality	(3)
BIO 143	Field Biology Minicourse	(2)	EGR 150	Intro to Engineering	(2)	<b>MAT 271</b>	<b>Calculus I</b>	(4)	PSY 281	Abnormal Psychology	(3)
BIO 146	Regional Natural History	(4)	EGR 210	Intro to Electrical/Comp Eng Lab	(2)	<b>MAT 272</b>	<b>Calculus II</b>	(4)	REL 110	World Religions	(3)
BIO 150	Genetics in Human Affairs	(3)	EGR 212	Logic System Design I	(3)	MAT 273	Calculus III	(4)	REL 211	Intro to Old Testament	(3)
BIO 163	Basic Anat & Physiology	(5)	EGR 215	Network Theory I	(3)	MAT 280	Linear Algebra	(3)	REL 212	Intro to New Testament	(3)
BIO 168	Anatomy & Physiology I	(4)	EGR 216	Logic and Network Lab	(1)	MAT 285	Differential Equations	(3)	REL 221	Religion in America	(3)
BIO 169	Anatomy & Physiology II	(4)	EGR 220	Engineering Statics	(3)	<b>MUS 110</b>	<b>Music Appreciation</b>	(3)	RUS 111	Elementary Russian I	(3)
BIO 175	General Microbiology	(3)	EGR 225	Engineering Dynamics	(3)	MUS 111	Fundamentals of Music	(3)	RUS 112	Elementary Russian II	(3)
BIO 250	Genetics	(4)	EGR 228	Intro to Solid Mechanics	(3)	<b>MUS 112</b>	<b>Introduction to Jazz</b>	(3)	RUS 211	Intermediate Russian I	(3)
BIO 271	Pathophysiology	(3)	ENG 113	Literature-Based Research	(3)	MUS 121	Music Theory I	(4)	RUS 212	Intermediate Russian II	(3)
BIO 275	Microbiology	(4)	ENG 114	Prof Research & Reporting	(3)	MUS 122	Music Theory II	(4)	<b>SOC 210</b>	<b>Introduction to Sociology</b>	(3)
BUS 110	Introduction to Business	(3)	ENG 125	Creative Writing I	(3)	MUS 123	Music Composition	(1)	SOC 213	Sociology of the Family	(3)
BUS 115	Business Law I	(3)	ENG 126	Creative Writing II	(3)	MUS 131	Chorus I	(1)	SOC 215	Group Process	(3)
BUS 137	Prin of Management	(3)	ENG 131	Introduction to Literature	(3)	MUS 132	Chorus II	(1)	SOC 220	Social Problems	(3)
CHI 111	Elementary Chinese I	(3)	<b>ENG 231</b>	<b>American Literature I</b>	(3)	MUS 210	History of Rock Music	(3)	SOC 225	Social Diversity	(3)
CHI 112	Elementary Chinese II	(3)	<b>ENG 232</b>	<b>American Literature II</b>	(3)	MUS 211	History of Country Music	(3)	SOC 242	Sociology of Deviance	(3)
CHI 211	Intermediate Chinese I	(3)	ENG 233	Major American Writers	(3)	MUS 212	American Musical Theatre	(3)	SPA 111	Elementary Spanish I	(3)
CHI 212	Intermediate Chinese II	(3)	<b>ENG 241</b>	<b>British Literature I</b>	(3)	PED 110	Fit and Well for Life	(2)	SPA 112	Elementary Spanish II	(3)
CHM 130	Gen, Org, & Biochemistry	(3)	<b>ENG 242</b>	<b>British Literature II</b>	(3)	PED 111	Physical Fitness I	(1)	SPA 141	Culture and Civilization	(3)
CHM 130A	Gen, Org, & Biochem Lab	(1)	ENG 261	World Literature I	(3)	PED 113	Aerobics I	(1)	SPA 161	Cultural Immersion	(3)
CHM 131	Introduction to Chemistry	(3)	ENG 262	World Literature II	(3)	PED 115	Step Aerobics I	(1)	SPA 211	Intermediate Spanish I	(3)
CHM 131A	Intro to Chemistry Lab	(1)	ENG 273	African-American Literature	(3)	PED 117	Weight Training I	(1)	SPA 212	Intermediate Spanish II	(3)
CHM 132	Organic and Biochemistry	(4)	ENG 275	Science Fiction	(3)	PED 119	Circuit Training	(1)	SPA 221	Spanish Conversation	(3)
<b>CHM 151</b>	<b>General Chemistry I</b>	(4)	FRE 111	Elementary French I	(3)	PED 120	Walking for Fitness	(1)			
<b>CHM 152</b>	<b>General Chemistry II</b>	(4)	FRE 112	Elementary French II	(3)	PED 121	Walk, Jog, Run	(1)			