

# Associate in Science (A10400)

## Degree Type

Associate in Science

## Credential Number

A10400

## General Education Requirements

### English Composition

Take 6 credits from

Item #	Title	Credits
ENG 111	Writing and Inquiry	3
ENG 112	Writing/Research in the Disc	3

### Humanities/Fine Arts/Communication

Take 2 Groups

Group 1 - Take 3 credits from

Item #	Title	Credits
ART 111	Art Appreciation	3
ART 114	Art History Survey I	3
ART 115	Art History Survey II	3
MUS 110	Music Appreciation	3
MUS 111	Fundamentals of Music	3

Group 2 - Take 3 credits from

Item #	Title	Credits
COM 120	Intro Interpersonal Com	3
COM 231	Public Speaking	3
ENG 231	American Literature I	3
ENG 232	American Literature II	3
ENG 241	British Literature I	3
ENG 242	British Literature II	3
PHI 215	Philosophical Issues	3
PHI 240	Introduction to Ethics	3

## Social/Behavioral Sciences

### Take 2 Groups

#### Group 1 - Take 3 credits from

Item #	Title	Credits
HIS 111	World Civilizations I	3
HIS 112	World Civilizations II	3
HIS 131	American History I	3
HIS 132	American History II	3

#### Group 2 - Take 3 credits from

Item #	Title	Credits
ECO 251	Prin of Microeconomics	3
ECO 252	Prin of Macroeconomics	3
POL 120	American Government	3
PSY 150	General Psychology	3
SOC 210	Introduction to Sociology	3

## Mathematics

### Take 8 credits from

Item #	Title	Credits
MAT 171	Precalculus Algebra	4
MAT 172	Precalculus Trigonometry	4
MAT 263	Brief Calculus	4
MAT 271	Calculus I	4
MAT 272	Calculus II	4

## Natural Sciences

### Take 1 of 4 Groups

#### Group 1 - Take 8 credits from

Item #	Title	Credits
BIO 111	General Biology I	4
BIO 112	General Biology II	4

#### Group 2 - Take 8 credits from

Item #	Title	Credits
CHM 151	General Chemistry I	4
CHM 152	General Chemistry II	4

#### Group 3 - Take 8 credits from

Item #	Title	Credits
PHY 151	College Physics I	4
PHY 152	College Physics II	4

Group 4 - Take 8 credits from

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHY 251	General Physics I	4
PHY 252	General Physics II	4

## Additional General Education

Take 11 credits from

Item #	Title	Credits
ART 111	Art Appreciation	3
ART 114	Art History Survey I	3
ART 115	Art History Survey II	3
ART 117	Non-Western Art History	3
BIO 110	Principles of Biology	4
BIO 111	General Biology I	4
BIO 112	General Biology II	4
BIO 120	Introductory Botany	4
BIO 130	Introductory Zoology	4
BIO 140	Environmental Biology	3
BIO 140A	Environmental Biology Lab	1
CHM 131	Introduction to Chemistry	3
CHM 131A	Intro to Chemistry Lab	1
CHM 132	Organic and Biochemistry	4
CHM 151	General Chemistry I	4
CHM 152	General Chemistry II	4
CIS 110	Introduction to Computers	3
CIS 115	Intro to Prog & Logic	3
COM 110	Introduction to Communication	3
COM 120	Intro Interpersonal Com	3
COM 140	Intro Intercultural Com	3
COM 231	Public Speaking	3
ECO 251	Prin of Microeconomics	3
ECO 252	Prin of Macroeconomics	3
ENG 113	Literature-Based Research	3
ENG 114	Prof Research & Reporting	3
ENG 231	American Literature I	3
ENG 232	American Literature II	3
ENG 241	British Literature I	3
ENG 242	British Literature II	3
ENG 261	World Literature I	3
ENG 262	World Literature II	3
GEO 111	World Regional Geography	3
HIS 111	World Civilizations I	3
HIS 112	World Civilizations II	3
HIS 121	Western Civilization I	3
HIS 122	Western Civilization II	3
HIS 131	American History I	3
HIS 132	American History II	3
HUM 115	Critical Thinking	3
HUM 160	Introduction to Film	3
MAT 143	Quantitative Literacy <sup>n</sup>	3
MAT 152	Statistical Methods I	4
MAT 171	Precalculus Algebra	4
MAT 172	Precalculus Trigonometry	4

MAT 263	Brief Calculus	4
MAT 271	Calculus I	4
MAT 272	Calculus II	4
MAT 273	Calculus III	4
MUS 110	Music Appreciation	3
MUS 112	Introduction to Jazz	3
MUS 113	American Music	3
MUS 114	Non-Western Music	3
PHI 215	Philosophical Issues	3
PHI 240	Introduction to Ethics	3
PHY 110	Conceptual Physics	3
PHY 110A	Conceptual Physics Lab	1
PHY 151	College Physics I	4
PHY 152	College Physics II	4
PHY 251	General Physics I	4
PHY 252	General Physics II	4
POL 120	American Government	3
POL 210	Comparative Government	3
POL 220	International Relations	3
PSY 150	General Psychology	3
PSY 237	Social Psychology	3
PSY 241	Developmental Psych	3
PSY 281	Abnormal Psychology	3
REL 110	World Religions	3
REL 211	Intro to Old Testament	3
REL 212	Intro to New Testament	3
REL 221	Religion in America	3
SOC 210	Introduction to Sociology	3
SOC 213	Sociology of the Family	3
SOC 220	Social Problems	3
SOC 225	Social Diversity	3
SPA 111	Elementary Spanish I	3
SPA 112	Elementary Spanish II	3

**NOTE: Foreign Language Competency:** All University of North Carolina system institutions and most other four-year institutions require proficiency in a foreign language for admission. Students that have not completed two years of foreign language instruction as part of their high school curriculum must complete the two elementary level courses. This may account for up to six hours of this Additional General Education Coursework area. If required, take 6 credits from: SPA-111 and SPA-112.

## Other Required Hours

Take 2 Groups

Group 1 - Take 1 credit from

Item #	Title	Credits
ACA 122	College Transfer Success	1

Group 2 - Take 14 credits from

Item #	Title	Credits
ACC 120	Prin of Financial Accounting	4
ACC 121	Prin of Managerial Accounting	4
ART 111	Art Appreciation	3
ART 114	Art History Survey I	3
ART 115	Art History Survey II	3
ART 117	Non-Western Art History	3
ART 121	Two-Dimensional Design	3
ART 122	Three-Dimensional Design	3
ART 131	Drawing I	3
ART 132	Drawing II	3
ART 171	Digital Design I	3
ART 231	Printmaking I	3
ART 240	Painting I	3
ART 241	Painting II	3
ART 250	Surface Design: Textiles	3
ART 275	Introduction to Graphic Design	3
ART 281	Sculpture I	3
ART 283	Ceramics I	3
BIO 110	Principles of Biology	4
BIO 111	General Biology I	4
BIO 112	General Biology II	4
BIO 120	Introductory Botany	4
BIO 130	Introductory Zoology	4
BIO 140	Environmental Biology	3
BIO 140A	Environmental Biology Lab	1
BIO 150	Genetics in Human Affairs	3
BIO 163	Basic Anat & Physiology	5
BIO 168	Anatomy and Physiology I	4
BIO 169	Anatomy and Physiology II	4
BIO 250	Genetics	4
BIO 271	Pathophysiology	3
BIO 275	Microbiology	4
BIO 280	Biotechnology	3
BUS 110	Introduction to Business	3
BUS 115	Business Law I	3
BUS 137	Principles of Management	3
CHM 131	Introduction to Chemistry	3
CHM 131A	Intro to Chemistry Lab	1
CHM 132	Organic and Biochemistry	4
CHM 151	General Chemistry I	4
CHM 152	General Chemistry II	4
CHM 251	Organic Chemistry I	4
CHM 252	Organic Chemistry II	4
CIS 110	Introduction to Computers	3
CIS 115	Intro to Prog & Logic	3
CJC 111	Intro to Criminal Justice	3
CJC 121	Law Enforcement Operations	3

CJC 141	Corrections	3
CJC 212	Ethics & Comm Relations	3
COM 110	Introduction to Communication	3
COM 120	Intro Interpersonal Com	3
COM 140	Intro Intercultural Com	3
COM 150	Intro. to Mass Comm.	3
COM 231	Public Speaking	3
CSC 139	Visual BASIC Programming	3
CSC 151	JAVA Programming	3
CTS 115	Info Sys Business Concepts	3
ECO 251	Prin of Microeconomics	3
ECO 252	Prin of Macroeconomics	3
EDU 144	Child Development I	3
EDU 145	Child Development II	3
EDU 216	Foundations of Education	3
EDU 221	Children with Exceptionalities	3
ENG 113	Literature-Based Research	3
ENG 114	Prof Research & Reporting	3
ENG 125	Creative Writing I	3
ENG 231	American Literature I	3
ENG 232	American Literature II	3
ENG 241	British Literature I	3
ENG 242	British Literature II	3
ENG 261	World Literature I	3
ENG 262	World Literature II	3
GEO 111	World Regional Geography	3
HEA 110	Personal Health/Wellness	3
HEA 112	First Aid & CPR	2
HEA 120	Community Health	3
HIS 111	World Civilizations I	3
HIS 112	World Civilizations II	3
HIS 116	Current World Problems	3
HIS 121	Western Civilization I	3
HIS 122	Western Civilization II	3
HIS 131	American History I	3
HIS 132	American History II	3
HIS 236	North Carolina History	3
HUM 115	Critical Thinking	3
HUM 160	Introduction to Film	3
HUM 230	Leadership Development	3
MAT 143	Quantitative Literacy <sup>n</sup>	3
MAT 152	Statistical Methods I	4
MAT 171	Precalculus Algebra	4
MAT 172	Precalculus Trigonometry	4
MAT 263	Brief Calculus	4
MAT 271	Calculus I	4
MAT 272	Calculus II	4
MAT 273	Calculus III	4
MUS 110	Music Appreciation	3
MUS 111	Fundamentals of Music	3

MUS 112	Introduction to Jazz	3
MUS 113	American Music	3
MUS 114	Non-Western Music	3
MUS 141	Ensemble I	1
MUS 142	Ensemble II	1
MUS 151P	Class Music I - Piano	1
MUS 152P	Class Music II - Piano	1
MUS 241	Ensemble III	1
MUS 242	Ensemble IV	1
PED 110	Fit and Well for Life	2
PED 111	Physical Fitness I	1
PED 112	Physical Fitness II	1
PED 117	Weight Training I	1
PED 118	Weight Training II	1
PED 119	Circuit Training	1
PED 120	Walking for Fitness	1
PED 122	Yoga I	1
PED 123	Yoga II	1
PED 125	Self-Defense: Beginning	1
PED 126	Self-Defense: Intermediate	1
PED 138	Archery	1
PED 139	Bowling-Beginning	1
PED 140	Bowling-Intermediate	1
PED 148	Softball	1
PED 150	Baseball – Beginning	1
PED 151	Baseball/Intermediate	1
PED 187	Social Dance-Beginning	1
PED 240	Advanced PE Skills	1
PED 252	Officiating/Bsball/Sfball	2
PED 256	Coaching Baseball	2
PED 259	Prev & Care AH Injuries	2
PHI 215	Philosophical Issues	3
PHI 240	Introduction to Ethics	3
PHS 130	Earth Science	4
PHY 110	Conceptual Physics	3
PHY 110A	Conceptual Physics Lab	1
PHY 151	College Physics I	4
PHY 152	College Physics II	4
PHY 251	General Physics I	4
PHY 252	General Physics II	4
POL 120	American Government	3
POL 130	State & Local Government	3
POL 210	Comparative Government	3
POL 220	International Relations	3
PSY 150	General Psychology	3
PSY 237	Social Psychology	3
PSY 241	Developmental Psych	3
PSY 243	Child Psychology	3
PSY 263	Educational Psychology	3
PSY 281	Abnormal Psychology	3



REL 110	World Religions	3
REL 211	Intro to Old Testament	3
REL 212	Intro to New Testament	3
REL 221	Religion in America	3
SOC 210	Introduction to Sociology	3
SOC 213	Sociology of the Family	3
SOC 220	Social Problems	3
SOC 225	Social Diversity	3
SPA 111	Elementary Spanish I	3
SPA 112	Elementary Spanish II	3

### Course Sequencing

## 1st Semester (Fall)

Item #	Title	Credits
ACA 122	College Transfer Success	1
ENG 111	Writing and Inquiry	3
MAT 171	Precalculus Algebra	4
	Humanities/Fine Arts/Communication 1st Choice (A10400)	3
	Additional General Education 1st Choice (A10400)	3-4

## 2nd Semester (Spring)

Item #	Title	Credits
ENG 112	Writing/Research in the Disc	3
	Mathematics Choice (A10400)	4
	Social/Behavioral Sciences 1st Choice (A10400)	3
	Other Required Hours 1st Choice (A10400)	3-4

## 3rd Semester (Summer)

Item #	Title	Credits
	Additional General Education 2nd Choice (A10400)	3-4
	Other Required Hours 2nd Choice (A10400)	3-4

## 4th Semester (Fall)

Item #	Title	Credits
	Humanities/Fine Arts/Communication 2nd Choice (A10400)	3
	Natural Science 1st Choice (A10400)	4
	Social/Behavioral Sciences 2nd Choice (A10400)	3
	Additional General Education 3rd Choice (A10400)	3-5

## 5th Semester (Spring)

Item #	Title	Credits
	Natural Science 2nd Choice (A10400)	4
	Other Required Hours 3rd Choice (A10400)	6-8
	<b>Total Credits</b>	<b>60</b>