

Associate In Science Program (A10400)

The Associate in Science Degree is for students desiring to pursue a four-year degree in areas of study such as computer science, engineering, mathematics, the sciences or professional programs that require strong mathematics and science backgrounds.

Associate In Science A10400

I. 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.

A. Universal General Education Transfer Component

(All Universal General Education Transfer Component (UGETC) courses will transfer for equivalency credit.)

1. English Composition (6 SHC)

The following two English composition courses are required.

ENG 111	Writing and Inquiry	3 SHC
ENG 112	Writing/Research in the Disciplines	3 SHC

2. Communications/Humanities/Fine Arts (6 SHC)

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

Communications		
COM 231	Public Speaking	3 SHC
Humanities/Fine Arts		
ART 111	Art Appreciation	3 SHC
ART 114	Art History Survey I	3 SHC
ART 115	Art History Survey II	3 SHC
ENG 231	American Literature I	3 SHC
ENG 232	American Literature II	3 SHC
ENG 241	British Literature I	3 SHC
ENG 242	British Literature II	3 SHC
MUS 110	Music Appreciation	3 SHC
MUS 112	Introduction to Jazz	3 SHC
PHI 215	Philosophical Issues	3 SHC
PHI 240	Introduction to Ethics	3 SHC

3. Social/Behavioral Sciences (6 SHC)

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

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

4. Math (8 SHC)

Select two courses from the following:

MAT 171	Pre-calculus Algebra	4 SHC
MAT 172	Pre-calculus Trigonometry	4 SHC
MAT 263	Brief Calculus	4 SHC
MAT 271	Calculus I	4 SHC
MAT 272	Calculus II	4 SHC

5. Natural Sciences (8 SHC)

Select 8 SHC from the following course(s):

BIO 110	Principles of Biology	4 SHC
GEL 111	Introductory Geology	4 SHC

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

B. Additional General Education (11 SHC)

An additional 11 semester hour credit of courses should be selected from courses above, Universal General Education (section A) that were not used or from courses listed below (section B) that are classified as general education within the Comprehensive Articulation Agreement. Students should select these courses based on their intended major and transfer university.

ANT 210	General Anthropology	3 SHC
AST 111	Descriptive Astronomy	3 SHC
AST 111A	Descriptive Astronomy Lab	1 SHC
BIO 130	Introductory Zoology	4 SHC
BIO 140	Environmental Biology	3 SHC
BIO 140A	Environmental Biology Lab	1 SHC
CHI 111	Elementary Chinese I	3 SHC
CHI 112	Elementary Chinese II	3 SHC
CHM 131	Introduction to Chemistry	3 SHC
CHM 131A	Introduction to Chemistry Lab	1 SHC
CHM 132	Organic and Biochemistry	4 SHC
CIS 110	Introduction to Computers	3 SHC
COM 110	Intro to Communication	3 SHC
COM 120	Interpersonal Communication	3 SHC
COM 140	Intro to Intercultural Communication	3 SHC
DRA 111	Theatre Appreciation	3 SHC
DRA 126	Storytelling	3 SHC
ENG 131	Intro to Literature	3 SHC
ENG 261	World Literature I	3 SHC
ENG 262	World Literature II	3 SHC
FRE 211	Intermediate French I	3 SHC
FRE 212	Intermediate French II	3 SHC
GEO 111	World Regional Geography	3 SHC
GEL 111	Introductory Geology	4 SHC
HIS 121	Western Civilization I	3 SHC
HIS 122	Western Civilization II	3 SHC
HUM 110	Technology and Society	3 SHC
HUM 115	Critical Thinking	3 SHC
HUM 120	Cultural Studies	3 SHC
HUM 121	The Nature of America	3 SHC
HUM 122	Southern Culture	3 SHC
HUM 130	Myth in Human Culture	3 SHC
HUM 211	Humanities I	3 SHC
JPN 111	Elementary Japanese I	3 SHC
JPN 112	Elementary Japanese II	3 SHC
MAT 143	Quantitative Literacy	3 SHC
MAT 152	Statistical Methods I	4 SHC
MAT 273	Calculus III	4 SHC
MUS 210	History of Rock Music	3 SHC
MUS 212	American Musical Theatre	3 SHC
PSY 237	Social Psychology	3 SHC
PSY 241	Developmental Psychology	3 SHC
PSY 281	Abnormal Psychology	3 SHC
REL 110	World Religion	3 SHC

WAYNE COMMUNITY COLLEGE

REL 211	Intro. to Old Testament	3 SHC
REL 212	Intro. to New Testament	3 SHC
REL 221	Religion in America	3 SHC
SOC 231	Sociology of the Family	3 SHC
SOC 220	Social Problems	3 SHC
SOC 225	Social Diversity	3 SHC
SOC 230	Race and Ethnic Relations	3 SHC
SPA 111	Elementary Spanish I	3 SHC
SPA 112	Elementary Spanish II	3 SHC
SPA 211	Intermediate Spanish I	3 SHC
SPA 212	Intermediate Spanish II	3 SHC

II. OTHER REQUIRED HOURS (15 SHC)

Academic Transition (1 SHC)

The following course is required:

ACA 122 College Transfer Success (1 SHC)

An additional 14 SHC of courses should be selected 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.

ACC 120	Prin of Financial Accounting	4 SHC
ACC 121	Prin of Managerial Accounting	4 SHC
ART 121	Two Dimensional Design	3 SHC
ART 122	Three Dimensional Design	3 SHC
ART 131	Drawing I	3 SHC
ART 132	Drawing II	3 SHC
ART 240	Painting I	3 SHC
ART 241	Painting II	3 SHC
BIO 163	Basic Anatomy and Physiology	5 SHC
BIO 168	Anatomy and Physiology I	4 SHC
BIO 169	Anatomy and Physiology II	4 SHC
BIO 175	General Microbiology	3 SHC
BIO 243	Marine Biology	4 SHC
BIO 275	Microbiology	4 SHC
BUS 110	Introduction to Business	3 SHC
BUS 115	Business Law I	3 SHC
BUS 137	Principles of Management	3 SHC
CHI 181	Chinese Lab I	1 SHC
CHI 182	Chinese Lab II	1 SHC
CHM 130	Gen., Org., and Biochemistry	3 SHC
CHM 130A	Gen., Org., and Biochemistry Lab	1 SHC
CHM 251	Organic Chemistry I	4 SHC
CHM 252	Organic Chemistry II	4 SHC
CJC 111	Intro to Criminal Justice	3 SHC
CJC 121	Law Enforcement Operations	3 SHC
CJC 141	Corrections	3 SHC
CSC 134	C++ Programming	3 SHC
CSC 151	JAVA Programming	3 SHC
EGR 150	Intro to Engineering	2 SHC
EGR 220	Engineering Statics	3 SHC
EGR 225	Engineering Dynamics	3 SHC
ENG 125	Creative Writing	3 SHC
ENG 126	Creative Writing II	3 SHC
ENG 132	Introduction to Drama	3 SHC
ENG 235	Survey Film as Literature	3 SHC
ENG 273	African-American Literature	3 SHC
FRE 111	Elementary French I	3 SHC
FRE 112	Elementary French II	3 SHC

FRE 181	French Lab 1	1 SHC
FRE 182	French Lab 2	1 SHC
FRE 281	French Lab 3	1 SHC
FRE 282	French Lab 4	1 SHC
HEA 110	Personal Health/Wellness	3 SHC
HEA 112	First Aid and CPR	2 SHC
HIS 116	Current World Problems	3 SHC
HIS 162	Women and History	3 SHC
HIS 221	African-American History	3 SHC
HIS 226	The Civil War	3 SHC
HIS 228	History of the South	3 SHC
HIS 236	North Carolina History	3 SHC
HUM 230	Leadership Development	3 SHC
JPN 181	Japanese Lab I	1 SHC
JPN 182	Japanese Lab II	1 SHC
JOU 110	Intro to Journalism	3 SHC
MAT 285	Differential Equations	3 SHC
MUS 111	Fundamentals of Music	3 SHC
MUS 131	Chorus I	1 SHC
MUS 132	Chorus II	1 SHC
MUS 151	Class Music I	1 SHC
MUS 152	Class Music II	1 SHC
MUS 231	Chorus III	1 SHC
MUS 232	Chorus IV	1 SHC
MUS 251	Class Music III	1 SHC
MUS 252	Class Music IV	1 SHC
PED 110	Fit and Well for Life	2 SHC
PED 113	Aerobics I	1 SHC
PED 117	Weight Training I	1 SHC
PED 119	Circuit Training	1 SHC
PED 120	Walking for Fitness	1 SHC
PED 121	Walk, Jog, Run	1 SHC
PED 122	Yoga I	1 SHC
PED 128	Golf-Beginning	1 SHC
PED 130	Tennis-Beginning	1 SHC
PED 131	Intermediate Tennis	1 SHC
PED 132	Racquetball-Beginning	1 SHC
PED 139	Bowling-Beginning	1 SHC
PED 148	Softball	1 SHC
PED 149	Flag Football	1 SHC
PED 152	Swimming-Beginning	1 SHC
POL 130	State and Local Government	3 SHC
PSY 263	Educational Psychology	3 SHC
SOC 242	Sociology of Deviance	3 SHC
SPA 181	Spanish Lab 1	1 SHC
SPA 182	Spanish Lab 2	1 SHC
SPA 281	Spanish Lab 3	1 SHC
SPA 282	Spanish Lab 4	1 SHC

Semester Hours Credit 60-61