

**ASSOCIATE IN SCIENCE
(A10400)
DEGREE REQUIREMENTS**

MINIMUM CREDIT HOURS REQUIRED FOR DEGREE: 64

I. GENERAL EDUCATION CORE **44**

A. Composition6

		Class	Lab	Credit
ENG 111	Expository Writing	3	0	3
ENG 112	Argument-Based Research	3	0	3

B. Humanities/Fine Arts.....9

Select three courses from three disciplines. One literature courses (ENG prefix) is required.

		Class	Lab	Credit
ART 111	Art Appreciation	3	0	3
ART 114	Art History Survey I	3	0	3
ART 115	Art History Survey II	3	0	3
DRA 111	Theatre Appreciation	3	0	3
DRA 112	Literature of the Theatre	3	0	3
ENG 131	Introduction to Literature	3	0	3
ENG 231	American Literature I	3	0	3
ENG 232	American Literature II	3	0	3
ENG 233	Major American Writers	3	0	3
ENG 241	British Literature I	3	0	3
ENG 242	British Literature II	3	0	3
ENG 261	World Literature I	3	0	3
FRE 111	Elementary French I	3	0	3
FRE 112	Elementary French II	3	0	3
FRE 211	Intermediate French I	3	0	3
FRE 212	Intermediate French II	3	0	3
HUM 121	The Nature of America	3	0	3
HUM 122	Southern Culture	3	0	3
HUM 150	American Women's Studies	3	0	3
HUM 160	Introduction to Film	3	0	3
ITA 111	Elementary Italian I	3	0	3
ITA 112	Elementary Italian II	3	0	3
MUS 110	Music Appreciation	3	0	3
MUS 113	American Music	3	0	3
MUS 210	History of Rock Music	3	0	3
MUS 211	History of Country Music	3	0	3
MUS 212	American Musical Theatre	3	0	3
PHI 210	History of Philosophy	3	0	3
PHI 230	Introduction to Logic	3	0	3
REL 110	World Religions	3	0	3
REL 211	Introduction to Old Testament	3	0	3
REL 212	Introduction to New Testament	3	0	3
SPA 111	Elementary Spanish I	3	0	3

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SPA 112	Elementary Spanish II	3	0	3
SPA 211	Intermediate Spanish I	3	0	3
SPA 212	Intermediate Spanish II	3	0	3

Note: Students who plan to transfer to an institution requiring a foreign language should take the necessary foreign language courses for Core and Elective credit.

C. Social and Behavioral Sciences.....9

Select **three courses** from three disciplines. At least **one** history (HIS prefix) is required.

		Class	Lab	Credit
ANT 210	General Anthropology	3	0	3
ANT 220	Cultural Anthropology	3	0	3
ECO 251	Principles of Microeconomics	3	0	3
ECO 252	Principles of Macroeconomics	3	0	3
GEO 111	World Regional Geography	3	0	3
GEO 112	Cultural Geography	3	0	3
HIS 121	Western Civilization I	3	0	3
HIS 122	Western Civilization II	3	0	3
HIS 131	American History I	3	0	3
HIS 132	American History II	3	0	3
POL 120	American Government	3	0	3
POL 210	Comparative Government	3	0	3
POL 220	International Relations	3	0	3
PSY 150	General Psychology	3	0	3
PSY 239	Psychology of Personality	3	0	3
PSY 241	Developmental Psychology	3	0	3
PSY 281	Abnormal Psychology	3	0	3
SOC 210	Introduction to Sociology	3	0	3
SOC 213	Sociology of the Family	3	0	3
SOC 220	Social Problems	3	0	3
SOC 225	Social Diversity	3	0	3

D. Natural Sciences.....8

Select a **two course** sequence.

		Class	Lab	Credit
BIO 111	General Biology I	3	3	4
BIO 112	General Biology II	3	3	4
CHM 151	General Chemistry I	3	3	4
CHM 152	General Chemistry II	3	3	4
GEL 111	Introductory Geology	3	2	4
PHY 251	General Physics I	3	3	4
PHY 252	General Physics II	3	3	4

E. Mathematics.....6

Select **two courses**.

		Class	Lab	Credit
MAT 151	Statistics I	3	0	3
MAT 171	Precalculus Algebra	3	0	3

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MAT 172	Precalculus Trigonometry	3	0	3
MAT 263	Brief Calculus	3	0	3
MAT 271	Calculus I	3	2	4
MAT 272	Calculus II	3	2	4
MAT 273	Calculus III	3	2	4

Note: Students will receive credit for only one course in either of the following pairs of courses: MAT 161 or MAT 171, MAT 263 or MAT 271.

F. Natural Sciences and Mathematics.....6

Select courses from Category D or Category E above or from the following list.

BIO 110	Principles of Biology	3	3	4
BIO 120	Introductory Botany	3	3	4
BIO 130	Introductory Zoology	3	3	4
BIO 140	Environmental Biology	3	0	3
BIO 140A	Environmental Biology Lab	0	3	1
GEL 111	Introductory Geology	3	2	4
PHY 110	Conceptual Physics	3	0	3
PHY 110A	Conceptual Physics Lab	0	2	1
PHY 151	College Physics I	3	2	4
PHY 152	College Physics II	3	2	4

[Note: Students will receive credit for only one course in any of the following pairs of courses: BIO 110 or BIO 111, PHY 110 or PHY 151, PHY 110 or PHY 251, PHY 151 or PHY 251, PHY 152 or PHY 252]

II. OTHER REQUIRED HOURS.....20

		Class	Lab	Credit
A. COM 231	Public Speaking	3	0	3

B. Science and Mathematics Elective Courses

Select **at least fourteen** hours from the courses listed below or from General Education Core Categories D, E, or F.

BIO 168	Anatomy & Physiology I	3	3	4
BIO 169	Anatomy & Physiology II	3	3	4
BIO 175	General Microbiology	2	2	3
BIO 275	Microbiology	3	3	4
CHM 251	Organic Chemistry I	3	3	4
CHM 252	Organic Chemistry II	3	3	4
CSC 134	C++ Programming	2	3	3
MAT 151A	Statistics I Lab	0	2	1
MAT 171A	Precalculus Algebra Lab	0	2	1
MAT 172A	Precalculus Trigonometry Lab	0	2	1

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C. Other elective courses

Three hours may be selected from the courses listed in General Education Core or from the following list of courses.

		Class	Lab	Credit
ACA 122	College Transfer Success	1	0	1
ACC 120	Principles of Financial Accounting	3	2	4
ACC 121	Principles of Managerial Accounting	3	2	4
ART 131	Drawing I	0	6	3
ART 240	Painting I	0	6	3
CIS 110	Introduction to Computers	2	2	3
CIS 115	Intro. to Prog. & Logic	2	3	3
COM 110	Introduction to Communication	3	0	3
COM 120	Interpersonal Communication	3	0	3
COM 140	Intro Intercultural Communication	3	0	3
COM 150	Intro to Mass Communication	3	0	3
CSC 134	C++ Programming*	2	3	3
DRA 122	Oral Interpretation	3	0	3
ENG 125	Creative Writing	3	0	3
HEA 110	Personal Health/Wellness	3	0	3
HEA 112	First Aid and CPR	1	2	2
HIS 221	African-American History	3	0	3
MUS 111	Fundamentals of Music	3	0	3
MUS 121	Music Theory I	3	2	4
MUS 131	Chorus I	0	2	1
MUS 132	Chorus II	0	2	1
MUS 141	Ensemble I	0	2	1
MUS 142	Ensemble II	0	2	1
PED 110	Fit & Well for Life	1	2	2
PED 115	Step Aerobics I	0	3	1
PED 120	Walking for Fitness	0	3	1
PED 125	Self-Defense-Beginning	0	2	1
PED 128	Golf-Beginning	0	2	1
PED 129	Golf-Intermediate	0	2	1
PED 130	Tennis-Beginning	0	2	1
PED 139	Bowling-Beginning	0	2	1
PED 142	Lifetime Sports	0	2	1
PED 143	Volleyball-Beginning	0	2	1
PED 144	Volleyball-Intermediate	0	2	1
PED 145	Basketball-Beginning	0	2	1
PED 146	Basketball-Intermediate	0	2	1
PED 148	Softball	0	2	1
PSY 243	Child Psychology	3	0	3