

Associate in Science Degree

Major: ASSOCIATE IN SCIENCE

Graduates of the Associate in Science (A. S.) programs usually transfer to a senior institution and major in such areas as biology, chemistry, engineering, or pre-medicine. The degree stresses mathematics, natural, and physical sciences, so it is ideal for students who wish to broaden their general knowledge. Students who are currently undecided about their educational or career goals will find transfer courses that apply toward their future major or career choices.

Because transfer requirements vary, students should work with their Academic Advisor and the transfer institution to plan a specific program of study. Visit <http://www.sctrac.org> to view transfer programs at a number of senior institutions.

CURRICULUM SEQUENCE

GENERAL EDUCATION REQUIREMENTS

English Composition and Speech

ALL of the following MUST be completed:

ENG 101	English Composition I	3
ENG 102	English Composition II	3
SPC 205	Public Speaking	3
Total Credit Hours Needed		9

Mathematics

ONE of the following courses MUST be completed:

MAT 110	College Algebra	3
Total Credit Hours Needed		3

Natural Sciences

TWO courses to be chosen from the following courses (may not repeat from above):

AST 101	AST 102	BIO 101	BIO 102	BIO 210
BIO 211	CHM 110	CHM 111	PHY 201	PHY 202
PHY 221	PHY 222			
Total Credit Hours Needed				8

Humanities/Fine Arts

TWO courses to be chosen from the following courses:

ART 101	ART 108	ENG 201	ENG 202	ENG 205
ENG 206	ENG 208	ENG 209	ENG 214	ENG 224
FRE 201	FRE 202	GER 201	GER 202	HIS 101
HIS 102	HIS 201	HIS 202	HIS 214	MUS 105
MUS 111	MUS 112	PHI 101	PHI 110	PHI 201
REL 103	SPA 201	SPA 202	THE 101	
Total Credit Hours Needed				6

Social Behavioral Sciences

TWO courses to be chosen from the following courses:

ANT 101	ECO 210	ECO 211	GEO 101	GEO 102
PSC 201	PSC 215	PSY 201	PSY 203	PSY 212
SOC 101	SOC 102	SOC 205		
Total Credit Hours Needed				6

MAJOR CONCENTRATION

To be selected from the following courses and NOT used to fulfill general education requirements (above).

AST 101	AST 102	BIO 101	BIO 102	BIO 210
BIO 211	BIO 225	CHM 110	CHM 111	CHM 211
CHM 212	MAT 111	MAT 120	MAT 122	MAT 130
MAT 140	MAT 141	PHY 201	PHY 202	PHY 221
PHY 222				
Total Credit Hours Needed				16

OTHER REQUIRED COURSES

(Continued)

COL 105*				Total Credit Hours Needed	3
AND FOUR (4) to FIVE (5) courses to be selected from the following:					
ACC 101	ACC 102	ANT 101	ART 101	ART 108	
AST 101	AST 102	BIO 101	BIO 102	BIO 210	
BIO 211	CHM 110	CHM 111	COL 105*	ECO 210	
ECO 211	EDU 110	EDU 201	EDU 241	ENG 201	
ENG 202	ENG 205	ENG 206	ENG 208	ENG 209	
ENG 214	ENG 224	FRE 101	FRE 102	FRE 201	
FRE 202	GEO 101	GEO 102	GER 101	GER 102	
GER 201	GER 202	HIS 101	HIS 102	HIS 201	
HIS 202	HIS 214	MAT 111	MAT 120	MAT 122	
MAT 130	MAT 140	MAT 141	MAT 250	MAT 251	
MUS 105	MUS 111	MUS 112	PHI 101	PHI 110	
PHI 201	PHY 201	PHY 202	PHY 221	PHY 222	
PSC 201	PSC 215	PSY 201	PSY 203	PSY 212	
REL 103	SOC 101	SOC 102	SOC 205	SOC 220	
SPA 101	SPA 102	SPA 201	SPA 202	THE 101	
		Total Credit Hours Needed			13
		TOTAL CREDIT HOURS			64

NOTE: Recommended for Education transfers: EDU 110, EDU 241, MAT 250, MAT 251. Early Childhood Education majors should follow HGTC Early Care and Education transfer emphasis.

IMPORTANT: Courses used to complete one requirement cannot be the same courses used to satisfy other requirements. The major concentration courses must be approved by an Associate in Arts/Associate in Science advisor. Students must demonstrate satisfactory completion of all prerequisites for the courses selected.

*Transferability of COL 105 is at the discretion of the receiving university or college.