

Associate in Science Degree

ASSOCIATE IN SCIENCE

Graduates of the Associate in Science (A.S.) program usually transfer to a senior institution and major in such areas as biology, chemistry, engineering, mathematics or pre-medicine. The degree stresses mathematics, natural, and physical sciences, and 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.

To assist students with their career and education goals, within the Associate in Science degree the College has established career pathways intended for advising purposes. The career pathways include a limited number of courses specific for the career or discipline in which a student wishes to pursue. Students choosing a career pathway within the A.S. degree will graduate HGTC with the Associate in Science degree.

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

The following course 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 218
ENG 224	ENG 230	ENG 236	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 115	PHI 201	REL 103
SPA 201	SPA 202	SPC 210	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 210
PSY 212	SOC 101	SOC 102	SOC 205	SOC 210
SOC 220				
Total Credit Hours Needed				6

College Skills

COL 105*	Total Credit Hours Needed	3
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MAJOR CONCENTRATION**

To be selected from the following:**

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**15****OTHER COURSES******Other** courses to be selected from the following:***

ACC 101	ACC 102	AHS 102	AHS 108	ANT101
ART 101	ART 108	AST 101	AST 102	BIO 101
BIO 102	BIO 210	BIO 211	BIO 225	CHM 110
CHM 111	CHM 211	CHM 212	ECO 210	ECO 211
EDU110	EDU 201	EDU 241	ENG 201	ENG 202
ENG 205	ENG 206	ENG 208	ENG 209	ENG 214
ENG 218	ENG 224	ENG 230	ENG 236	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 240	MAT 242	MAT 250	MAT 251	MUS 105
MUS 111	MUS 112	PHI 101	PHI 110	PHI 115
PHI 201	PHY 201	PHY 202	PHY 221	PHY 222
PSC 201	PSC 215	PSY 201	PSY 203	PSY 210
PSY 212	REL 103	SOC 101	SOC 102	SOC 205
SOC 210	SOC 220	SPA 101	SPA 102	SPA 201
SPA 202	SPC 210	THE 101		

Total Credit Hours Needed**10-16****TOTAL CREDIT HOURS****60-66**

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

**IMPORTANT: Courses used to complete one requirement cannot be the same courses used to satisfy other requirements.

***Students may substitute up to 6 hours of elective courses in this category with permission of the Department Chair.