

ARTS AND SCIENCES TRANSFER DEGREE
Science (Area of Concentration) – M504
Associate of Science Degree (AS)

CATALOG DESCRIPTION OF PROGRAM:

The Associate of Science degree with Science Option prepares students to transfer into bachelor degree programs in science in a four-year college or university. This degree is the first step toward readiness to pursue high demand careers in STEM (Science Technology, Engineering, and Mathematics).

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CLT 100	Computer Literacy	2	None		
CHE 101	General Chemistry I	4	MAT 82 or MAT 92 and ENG 82 or RENG 92		
MAT 128	Pre-Calculus I	4	MAT 82 or MAT 92 and ENG 82 or RENG 92		
BIO 102	Principles of Biology	4	MAT 81 or MAT 92 and ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 129	Pre-Calculus II	4	MAT 128		
CHE 102	General Chemistry II	4	CHE 101		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
Semester Credits		15			
3rd Semester					
CHE 213/BIO 202	Organic Chemistry I/A&P II	4	CHE 101/BIO 101 or BIO 102		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
BIO 212*/MAT 140	Microbiology/Calculus I	4	6-8 credits in biology and/or chemistry; MAT 129		
PHY 101*	Physics I	4	MAT 127 or MAT 128; ENG 82 or RENG 92		
Semester Credits		15			
4th Semester					
CHE 214/BIO 203	Organic Chemistry II/A&P II	4	CHE 213/BIO 202		
SOC 101	Sociology	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
SCIENCE-Elective	Any Science Course that wasn't previously taken	4	Depends on course chosen		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		