



Liberal Arts & Sciences: Mathematics & Sciences

curriculum code: 0645 | HEGIS code: 5649

minimum credit hours required: 60

This degree program parallels the first two years of course content for the Bachelor of Science or Bachelor of Arts degrees offered by many four-year colleges or universities. Working with faculty advisors, students can focus on interest areas in mathematics, biology, chemistry, geology, physics, and environmental science and forestry, which will prepare them for transfer into baccalaureate programs. Students interested in careers in pharmacy, medicine, dentistry, veterinary medicine, medical technology, and related areas can begin their studies in this degree program. It is very important for a student to learn the requirements of the first two years of any college to which he or she may wish to transfer. Students can choose to earn the general degree or can choose to earn the degree with a concentration in biology, chemistry, mathematics, or nutrition (each a SUNY Transfer Path).

		Degree Requirements		
LEVEL I: INQUIRE		5 credit hours		
		JCC	SUNY	LAS
INT 1555: Inquire	2	Critical & Integrative Reasoning		X
ENG 1510: English Composition I	3	College Composition	HUMA	H
LEVEL II: GROW		30 credit hours		
ENG 1530: English Composition II	3	College Comp & Oral CMM	BCOM	H
MAT 1600: Precalculus (or higher)	4	Mathematical Reasoning	MATH	N
Laboratory Science Elective	4	Natural Sciences - Scientific Reasoning	NSCI	N
Social Sciences Elective - SUNY Gen Ed	3	Social Sciences - Scientific Reasoning	SOSC	S
Elective choose a Cultural Understanding & Global Perspectives course	3	Cultural Understanding; Global Perspectives	X	X
Program Core Electives choose from math/science courses not already required and numbered 1500 or higher within AST, BIO, CHE, GLG, MAT(1540+), MET, PHY(1600+) disciplines	13		X	N
LEVEL III: CONNECT		3 credit hours		
Program Core Elective choose an Applied Learning course from math/science courses not already required and numbered 1500 or higher within AST, BIO, CHE, GLG, MAT(1540+), MET, PHY(1600+) disciplines	3	Applied Learning		
ELECTIVES		22 credit hours		
up to 10 credits may need to be must be SUNY Gen Ed category specific				
Total Credits: 60			30	30

IMPORTANT POINTS:

A GPA of at least 2.0 in math/science coursework is required for graduation.

CHE 1500 and CHE 1530 - only one may count as a program core elective. If both are taken, one will count as a program core elective and the other as an additional liberal arts & sciences and/or career elective.

**A maximum of four 1-credit hour (non-lab) courses may count as program core electives. If more are taken, the credit(s) will count as additional liberal arts & sciences and/or career elective(s).