



Liberal Arts & Sciences: Mathematics & Sciences (*General Degree*)

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).

REQUIRED COURSES	CR	JCC	SUNY	LAS
INT 1555: Inquire	2	Inquiry- Critical & Integrative Reasoning		X
ENG 1510: English Composition I	3	College Composition	HUMN	H
ENG 1530: English Composition II	3	College Comp & Oral Communication	COMW & COMO	H
MAT 1600: Precalculus (or higher)	4	SUNY Mathematics & Quantitative Reasoning	MATH	N
Laboratory Science Elective	4	SUNY Natural Science & Scientific Reasoning	NSCI	N
Social Sciences Elective - SUNY Gen Ed	3	SUNY Social Science	SOSC	S
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		
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Open Electives up to 13 credits may need to be SUNY Gen ed- category specific and may need to fill JCC Essentials Global Perspective, Cultural Understanding, and Diversity requirements.	25	(Cultural Understanding; Global Perspectives, Diversity)	(2 categories, including DIVE) [up to 13 credits]	[13 credits]
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).