



Liberal Arts & Sciences: Mathematics & Sciences - Chemistry

curriculum code: 0645 | HEGIS code: 5649

minimum credit hours required: 60

Students can choose to earn the general Liberal Arts and Sciences: Mathematics and Sciences degree or can choose to earn the degree with a concentration in chemistry (a SUNY Transfer Path). Students interested in pursuing this concentration should speak with an advisor or counselor to make sure the correct concentration is noted. **Program completion will require students to attend some classes on the Jamestown Campus.**

		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		41 credit hours		
ENG 1530: English Composition II	3	College Comp & Oral CMM	BCOM	H
MAT 1710: Calculus I	4	Mathematical Reasoning	MATH	N
CHE 1550: General Chemistry I	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
CHE 1560: General Chemistry II	4		NSCI	N
CHE 2530: Organic Chemistry I	4		NSCI	N
MAT 1720: Calculus II	4		MATH	N
MAT 2650: Calculus & Analytic Geometry III	4		MATH	N
PHY 1710: Analytical Physics I	4		NSCI	N
PHY 2710: Analytical Physics II	4		NSCI	N
LEVEL III: CONNECT		4 credit hours		
CHE 2540: Organic Chemistry II	4	Applied Learning		N
ELECTIVES		10 credit hours		
Total Credits: 60			47	53

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).