

Suffolk County Community College Liberal Arts and Sciences: Science - Chemistry AS			St. Joseph's University Adolescence Education: Chemistry (BS)			
Course #	Course Title	Credits Granted	Course #	Equivalent Course Title	SJNY CORE	Credits Accepted
CHE 133	College Chemistry I	4	CHE 150	General Chemistry I	Major	4
ENG 101 or ENG 100	Standard Freshman Composition or Enhanced Freshman Composition	3	ENG 103	Writing for Effective Communication	CLA	3
LIB 101 or COL 101	Introduction to College Research or College Seminar	1	LIB 100 ELE-ELE	Library Research Strategies or General Elective	Gen Elective	1
	Political Science, Psychology, or Sociology (Social Science Elective excluding History)	3		SJNY Core	SS	3
	Physical Education Elective	1	ELE-ELE	General Elective	Gen Elective	1
CHE 134	College Chemistry II	4	CHE 151	General Chemistry II	Major	4
ENG 102	Introduction to Literature	3	ENG QM1	English Quest for Meaning Core	QM	3
	SUNY-GE The Arts or World Language*	3		SJNY Core	HE or GP*	3
MAT 141	Calculus with Analytic Geometry I	4	MAT 205	Calculus and Analytic Geometry I	Math core	4
	Diversity Elective (Recommend HIS 120, PHL 113,)	3		SJNY Core**	Core	3
CHE 250	Organic Chemistry I	5	CHE 250	Organic Chemistry I	Major	5
PHY 220 and PHY 222	PHY220 Physics B Fluids, Oscillations, Waves, Optics, Thermodynamics and PHY222 Physics B Lab	4	PHY 161	General Physics II – Calculus based	Major	4
MAT 142	Calculus with Analytic Geometry II	4	MAT 206	Calculus and Analytic Geometry II	Major	4
PHY 130 & PHY 132	Physics A: Mechanics & Physics A Lab	4	PHY 160	General Physics I – Calculus Based	Major	4
CHE 251	Organic Chemistry II	5	CHE 251	Organic Chemistry II	Major	5
HIS 101, or HIS 102, or HIS 103, or HIS 104	History Elective	3	HIS 101, or HIS 102, or HIS 170, or HIS 172	Europe to 1715 Europe Since 1715 American History I America History II	HIS core	3
BIO 150	College Biology I: Cellular and Molecular Biology (Fulfills Liberal Arts and Sciences Elective)	3-4	BIO 150	General Biology	Major	3-4
PHY 230 & PHY 232 Lab	Physics C-Electricity and Magnetism & Physics C Lab	4	PHY – MP1	Physics Math, Physical and Natural World Core with Lab	Gen Elective	4
Total Credits		61-62	Total Credits Transferred			61-62
			Remaining Minimum Credits Needed for Graduation after Transfer			58-59

* ASL not acceptable for our program

** See SJNY Core list for acceptable courses