

Suffolk County Community College Liberal Arts and Sciences: Science - Chemistry, A.S.					SUNY Old Westbury Chemistry, B.A. <sup>1</sup>				
Course #	Course Title	SUNY GER	SUNY Transfer Path	Credits Granted	Course #	Equivalent Course Title	SUNY GER	SUNY Transfer Path	Credits Accepted
CHE133	College Chemistry I	NS	X	4	CP2120-2121	Principles of Chemistry I with Lab	NS	X	4
ENG101	Standard Freshman Seminar	BC		3	EL1000	Composition I	BC		3
LIB101 or COL101	Introduction to College Research or College Seminar			1	XX8998	Liberal Arts Elective			1
	ART/MUS/THR Elective or Foreign Language Elective			3	XX8998	Liberal Arts Elective			3
	Social Science Elective	SS		3	XX8998	Social Science Elective	SS		3
	<sup>2</sup> Physical Education Elective			1	XX8999	General Elective			1
CHE134	College Chemistry II	NS	X	4	CP2130/2131	Principles of Chemistry II with Lab	NS	X	4
ENG102	Introduction to Literature	H		3	EL2200	Composition II	H		3
	SUNY-GER FL or The Arts (fulfills Humanities Elective)	FL/AR		3	XX8998	Humanities Elective	FL/AR		3
MAT141	Calculus with Analytic Geometry I	M	X	4	MA2310	Calculus & Analytic Geometry I	M	X	4
	SUNY-GER American History or Western Civilization (fulfills Social Science Elective)	AH/WC		3	XX8998	Social Science Elective	AH/WC		3
CHE250	Organic Chemistry I	NS	X	5	CP3300/3302	Organic Chemistry I with Lab	NS	X	5
	Humanities Elective	H		3	XX8998	Humanities Elective	H		3
MAT142	Calculus with Analytic Geometry II	M	X	4	MA2320	Calculus & Analytic Geometry II	M	X	4
PHY130 + PHY132	Physics A: Mechanics + Physics A Lab	NS	X	4	CP2240/2241	General Physics I with Lab	NS	X	4
CHE251	Organic Chemistry II	NS	X	5	CP3310/3312	Organic Chemistry II with Lab	NS	X	5
	History Elective			3	HI8998	History Elective			3
	<sup>3</sup> Restricted Mathematics or Science Elective	M/NS		4	MA3330 or MA4360 or MA3030 or CP 8998	Calculus III or Differential Equations or Discrete Math or Physics III with lab	M/NS		4
PHY230 PHY232	Physics C: Electricity and Magnetism + Physics C Lab	NS	X	4	CP2250-2251	General Physics II with Lab	NS	X	4
				<b>Total Credits</b>	<b>64</b>				
						<b>Total Credits Transferred</b>			<b>64</b>
						<b>Remaining Credits Needed for Graduation after Transfer</b>			<b>56</b>

<sup>1</sup>A C or better is required in ENG 101, ENG 102, and at least one Mathematics course. For courses to apply to the major at SUNY Old Westbury a C or better must be earned.

<sup>2</sup>Recommended courses: PED174.

<sup>3</sup>To be selected from: MAT203, MAT204, MAT205 or PHY220/PHY222.