



## AS Liberal Arts and Sciences: Science - Chemistry to BS Chemistry

### First Semester

Suffolk Courses	Credits	Pace Equivalent	Credits
CHE133: College Chemistry I	4	CHE 111	4
ENG101: Standard Freshman Composition	3	ENG 110	3
LIB101: Introduction to College Research (recommended) or COL101 College Seminar	1	GEN 000	1
ART/MUS/THR or Foreign Language Elective	3	See Equivalencies	3
Social Sciences Elective	3	Liberal Arts Elective	3
Physical Education (PED174 Recommended)	1	GEN 000	1
<b>Total Suffolk Credits:</b>	<b>15</b>	<b>Total Credit Hours:</b>	<b>15</b>

### Second Semester

Suffolk Courses	Credits	Pace Equivalent	Credits
CHE134: College Chemistry II	4	CHE 112	4
ENG102: Introduction to Literature	3	ENG 120	3
Humanities Elective	3	Liberal Arts Elective	3
MAT141: Calculus with Analytical Geometry I	4	MAT 131	4
Social Sciences Elective	3	Liberal Arts Elective	3
<b>Total Suffolk Credits:</b>	<b>17</b>	<b>Total Credit Hours:</b>	<b>17</b>

### Third Semester

Suffolk Courses	Credits	Pace Equivalent	Credits
CHE250: Organic Chemistry I	5	CHE 223	5
Humanities Elective	3	Liberal Arts Elective	3
MAT142: Calculus with Analytical Geometry II	4	MAT 132	4
PHY130 / 132: Physics I	4	No Direct Equivalent unless PHY 245 is also taken (PHY 130/132/245=PHY 111)	4
<b>Total Suffolk Credits:</b>	<b>16</b>	<b>Total Credit Hours:</b>	<b>16</b>

### Fourth Semester

<b>Suffolk Courses</b>	<b>Credits</b>	<b>Pace Equivalent</b>	<b>Credits</b>
CHE251: Organic Chemistry II	5	CHE 224	5
History Elective	3	See Equivalencies Below	
Restricted Mathematics or Science Elective: Take PHY 245/246	4	See Equivalencies Below	
PHY230 / 232: Physics II	4	No Direct Equivalent unless PHY 245 is also taken (PHY 230/232/245=PHY 112)	4
<b>Total Suffolk Credits:</b>	<b>16</b>	<b>Total Credit Hours:</b>	<b>16</b>

<b>Total Courses For Transfer</b>	<b>Total Pace Credits To Transfer</b>
<b>64</b>	<b>64</b>