

Pathway Chemistry

Lincoln Land Community College Associate in Science

Fall Year 1

LLCC Course	Hours
CMN 101 Public Speaking Fundamentals	3
CHE 101 General Chemistry I	4
EGL 101 Composition I	3
MAT 131 Calculus & Analytic Geometry I	5
Total	15

Spring Year 1

LLCC Course	Hours
CHE 102 General Chemistry II	4
EGL 102 Composition II	3
MAT 132 Calculus & Analytic Geometry II	5
PHY 201 Physics I	4
Total	16

Fall Year 2

LLCC Course	Hours
CHE 201 Organic Chemistry I	5
PHY 202 Physics II	4
Fine Arts IAI Fine Arts	3
Social Science IAI Social Science	3
Total	15

Spring Year 2

LLCC Course	Hours
BIO 101 General Biology	4
CHE 202 Organic Chemistry II	5
Social Science IAI Social Science	3
Humanities IAI Humanities	3
Total	15

Completion of Associate in Science degree 61

Southern Illinois University Edwardsville Bachelor of Science

Fall Year 3

SIUE Course	Hours
CHEM 331 Quantitative Analytical Chem	3
CHEM 335 Quant Lab	1
CHEM 361a Physical Chemistry	3
CHEM 365a Physical Chemistry Lab	2
CHEM 300 Professionalism in Science	1
Elective Electives	5
Total	15

Spring Year 3

SIUE Course	Hours
CHEM 361b Physical Chemistry	3
CHEM 365b Physical Chemistry Lab	1
CHEM XXX Chemistry Lecture Elective	3
STAT 107/244/380 Statistics	4
Elective Elective	4
Total	15

Fall Year 4

SIUE Course	Hours
CHEM 411 Inorganic Chemistry	3
IS XXX Interdisciplinary Studies	3
CHEM XXX Chemistry Lab Elective	1
Elective Electives	8
Total	15

Spring Year 4

SIUE Course	Hours
CHEM XXX Chemistry Lecture Elective	4
CHEM XXX Chemistry Lab Elective	2
CHEM 499 Senior Assignment	0
Elective Electives	9
Total	15

Completion of Bachelor of Science degree 121

** Students must complete 50% or more of SIUE degree requirements at SIUE (120 hours are required for graduation).