

Pathway Chemistry- Medical Science

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
IAI FA	IAI Fine Arts	3
IAI SS	IAI Social Science	3
Total		15

Spring Year 2

LLCC Course		Hours
BIOL 111	Principles of Biology I	4
CHE 202	Organic Chemistry II	5
IAI SS	IAI Social Science	3
IAI HUMN	IAI Humanities	3
Total		15

Completion of Associate in Science degree **61**

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

Southern Illinois University Edwardsville Bachelor of Arts

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
BIOL 151	Intro to Biological Sciences II	4
Total		14

Spring Year 3

SIUE Course		Hours
CHEM XXX	Chemistry Lecture Elective	3
CS 140 or/STAT 107/244/380/480A/480B		4
FPA or HUM	Fine Arts/Humanities	3
BIOL 220	Genetics	4
CHEM XXX	Chemistry Elective	3
Total		17

Fall Year 4

SIUE Course		Hours
CHEM 451a	Biochemistry I	3
FL 101	Foreign Language	4
FPA or HUM	Fine Arts/Humanities	3
FPA or HUM	Fine Arts/Humanities	3
CHEM XXX	Chemistry Elective	3
Total		16

Spring Year 4

SIUE Course		Hours
CHEM 451b	Biochemistry II	3
CHEM 499	Senior Assignment	0
CHEM XXX	Chemistry Elective	2
FL 102	Foreign Language II	4
FPA or HUM	Fine Arts/Humanities	3
IS	Interdisciplinary Studies	3
Total		15

Completion of Bachelor of Art degree **123**