

## 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
<b>Total</b>	<b>15</b>

#### 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
<b>Total</b>	<b>16</b>

#### 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
<b>Total</b>	<b>15</b>

#### 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
<b>Total</b>	<b>15</b>

**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
<b>Total</b>	<b>14</b>

#### 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
<b>Total</b>	<b>17</b>

#### 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
<b>Total</b>	<b>16</b>

#### 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
<b>Total</b>	<b>15</b>

**Completion of Bachelor of Art degree      123**