

Pathway - Chemistry Forensics

Southwestern Illinois College

Associate in Science

Fall Year 1

SWIC Course		Hours
ENG 101	Rhetoric and Comp I	3
BIOL 101	Principles of Biology I	4
CHEM 105	General Chemistry I	5
MATH 203	Analytic Geometry and Calc I	5
Total		17

Spring Year 1

SWIC Course		Hours
ENG 102	Rhetoric and Comp II	3
BIOL 102	Principles of Biology II	4
CHEM 106	General Chemistry II	5
MATH 204	Analytic Geometry and Calc II	5
Total		17

Fall Year 2

SWIC Course		Hours
IAI Fine Arts ¹	IAI Fine Arts	3
CHEM 201	Organic Chemistry I	5
COMM 151	Public Speaking	3
PHYS 204	Physics - Mechanics	4
HES XXX	Human Well Being	2
Total		17

Spring Year 2

SWIC Course		Hours
CHEM 202	Organic Chemistry II	5
IAI Humanities ¹	IAI Humanities	3
IAI Social Science ¹	IAI Social Science	3
IAI Behavioral ¹	IAI Behavioral Science	3
Total		14

Completion of Associate in Science degree **65**

¹Students will need to complete one Human Relations course and one Non-Western course for AS degree.

*Students must complete 50% or more of SIUE degree requirements at SIUE.

Southern Illinois University Edwardsville

Bachelor of Science

Summer Year 2

SIUE Course		Hours
PHYS 152/152L	Univ Physics II with Lab	5
Total		5

Fall Year 3

SIUE Course		Hours
CHEM 331	Quantitative Analysis	3
CHEM 335	Quantitative Analysis Lab	1
CHEM 361A	Physical Chemistry	3
CHEM 365A	Physical Chemistry Lab	2
CHEM 300	Professionalism in Science	1
BIOL 220	Genetics	4
Total		14

Spring Year 3

SIUE Course		Hours
STAT 244 or 380	Statistics or Stats for Applications	4
CHEM 361B	Physical Chemistry	3
CHEM 365B	Physical Chemistry Lab	1
BIOL 319	Cell & Molecular Biology	4
Elective	Elective	2
Total		14

Fall Year 4

SIUE Course		Hours
BIOL 423	Forensics Biology	4
CHEM 471	Principles of Toxicology	3
CHEM 446	Organic Spectral Analysis	3
CHEM 451A	Biochemistry	3
Total		13

Spring Year 4

SIUE Course		Hours
CHEM 431/435	Instrumental Analysis/Lab	5
CHEM 432	Forensics Chemistry	3
CHEM 499	Senior Assignment	0
IS XXX	Interdisciplinary Studies	3
CHEM 4XX	CHEM 410/411/439/451B	3
Total		14

Completion of Bachelor of Science degree **125**