

Pathway - Chemistry Forensics

Southwestern Illinois College

Associate of 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
¹ IAI Humanities	IAI Humanities	3
CHEM 106	General Chemistry II	5
BIOL 102	Principles of Biology II	4

Total **15**

Fall Year 2

SWIC Course		Hours
¹ IAI FA	IAI Fine Arts	3
CHEM 201	Organic Chemistry I	5
² BIOL 270	Genetics	4
MATH 204	Analytic Geometry and Calc II	5

Total **17**

Spring Year 2

SWIC Course		Hours
CHEM 202	Organic Chemistry II	5
COMM 151	Public Speaking	3
IAI ¹ Social	Social Science	3
¹ IAI Behavioral	Behavioral Science	3
HES XXX	Human Well Being	2

Total **16**

Completion of Associate of Science degree **65**

¹ Students will need to complete one Human Relations course and one Non-Western course for Associate Degree. Please see Partnership advisor for more information.

²BIOL 100 can substitute.

Southern Illinois University Edwardsville

Bachelor of Science

Fall Year 3

SIUE Course		Hours
CHEM 331	Quantitative Analysis	3
CHEM 335	Quant Lab	1
PHYS 151	University Physics	4
PHYS 151L	University Physics I Lab	1
CHEM 300	Professionalism in Science	1
CHEM 361A	Physical Chemistry	3
CHEM 365A	Physical Chemistry Lab	2

Total **15**

Spring Year 3

SIUE Course		Hours
STAT 244 or 380	Statistics	4
CHEM 361B	Physical Chemistry	3
CHEM 365B	Physical Chemistry Lab	1
PHYS 152/152L	Univ Physics II with Lab	5
BIOL 319	Cell & Molecular Biology	4

Total **17**

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 4xxx	CHEM 410/411/439/451B	3

Total **14**

Completion of Bachelor of Science degree **124**