

**Southwestern Illinois College**  
**Pathway - Mathematics- Statistics**

**Southwestern Illinois College**  
**Associate in Arts Degree**

**Fall Year 1**

SWIC Course		Hours
ENG 101	Rhetoric and Composition I	3
MATH 203 <sup>2</sup>	Analytic Geometry & Calculus I	5
IAI HUM <sup>1</sup>	IAI Humanities	3
IAI SS <sup>1</sup>	IAI Social Science	3
HES XXX	Human Well Being	2

**Total** **16**

**Spring Year 1**

SWIC Course		Hours
ENG 102	Rhetoric and Composition II	3
MATH 204 <sup>2</sup>	Analytic Geometry & Calculus II	5
IAI Beh <sup>1</sup>	IAI Behavioral Science	3
PHYS 204 <sup>2</sup>	Physics- Mechanics	4

**Total** **15**

**Fall Year 2**

SWIC Course		Hours
COMM 151	Fund. Of Public Speaking	3
MATH 205 <sup>2</sup>	Analytic Geometry & Calculus III	4
IAI LS <sup>2</sup>	IAI Life Science w/Lab	4
ELE XXX	Elective	3
IAI SS/BS <sup>1</sup>	IAI Social or Behavioral Science	3

**Total** **17**

**Spring Year 2**

SWIC Course		Hours
IAI Hum/FA <sup>1</sup>	Humanities or Fine Arts	3
IAI C/H/SS/BS <sup>1</sup>	Commun, Hum, Social or Behavioral	3
ELE XXX	Elective	4
IAI FA <sup>1</sup>	IAI Fine Arts	3

**Total** **13**

**Summer Year 2**

SWIC Course		Hours
MATH 210 <sup>2</sup>	Computer Prog. For Engineers	3

**Total** **3**

**Associate in Arts Degree Total** **64**

<sup>1</sup>Students need to complete one Human Relations and one Non-Western course. Please see advisor.

<sup>2</sup>All Math/Science courses require a grade of "C" or better.

MATH 210 offered summer only.

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

**Southern Illinois University Edwardsville**  
**Bachelor of Science Degree**

**Fall Year 3**

SIUE Course		Hours
MATH 223	Logic and Mathematical Reasoning	4
ELE XXX	Elective	3
STAT 480a	Intro to Mathematical Stats	3
MATH 321	Linear Algebra I	3
STAT XXX	Supporting Courses	3

**Total** **16**

**Spring Year 3**

SIUE Course		Hours
MATH 350	Introduction to Real Analysis	4
STAT 480b	Intro to Mathematical Stats	3
STAT XXX	Math, Statistics, or OR elective	3
STAT XXX	Math, Statistics, or OR elective	3

**Total** **16**

**Total** **16**

**Fall Year 4**

SIUE Course		Hours
MATH 498	Senior Seminar	2
STAT XXX	Supporting Courses	6
STAT XXX	Math, Statistics, or OR elective	3
IS XXX	Interdisciplinary Course	3

**Total** **14**

**Spring Year 4**

SIUE Course		Hours
MATH 499	Senior Project	2
STAT 482	Regression Analysis	3
STAT XXX	Math, Statistics, or OR elective	3
STAT XXX	Supporting Courses	6

**Total** **14**

**Bachelor of Science Degree Total** **124**

\*A course that satisfies both the ERGU and EREG requirement will only be counted as one and not both.