

**SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE**

Pathway Mathematics- Statistics
Lewis and Clark Community College **Southern Illinois University Edwardsville**
Associate in Science Degree **Bachelor Degree**

Fall Year 1

LCCC Course		Hours
ENGL 131	First Year English	3
MATH 171 ¹	Analytical Geometry & Calculus	5
IAI HUMN	IAI Humanities	3
SPCH 131	Public Speaking	3
Total		14

Spring Year 1

LCCC Course		Hours
ENGL 132	First Year English II	3
MATH 172 ¹	Analytical Geometry & Calculus II	5
IAI SOC BEH	IAI Social Behavioral Science	3
PHYS 141 ¹	General Physics I	5
Total		16

Fall Year 2

LCCC Course		Hours
MATH 271 ¹	Analytical Geometry & Calculus III	4
IAI SOC BEH	IAI Social Behavioral Science	3
IAI FA	IAI Fine Arts	3
ELEC	Elective	4
Total		14

Spring Year 2

LCCC Course		Hours
MATH 272 ¹	Differential Equations	3
LS/PS ¹	Additional Life/Physical Science	4
ELEC	Elective	3
ELEC	Elective	3
IAI LS	IAI Life Science	3
Total		16

Associate in Science Degree Total **60**

¹All Math/Science courses require a grade of "C" or better.

Students will need to complete one Human Relations course
and one Non Western course for the Associates Degree.

Please see your LCCC Advisor.

*Students please consult with LCCC/Pathways advisor for courses
that can be used for Life Science.

Fall Year 3

SIUE Course		Hours
MATH 223	Logic and Mathematical Reasoning	4
SUP/MINOR	Supporting or Minor Course	3
STAT 480a	Intro to Mathematical Stats	3
MATH 321	Linear Algebra I	3
MATH/STAT/OR	Math/Stats./Or. Elective	3
Total		16

Spring Year 3

SIUE Course		Hours
MATH 350	Introduction to Analysis	4
STAT 480b	Intro to Mathematical Stats	3
MATH/STAT/OR	Math/Stats./Or. Elective	3
SUP/MINOR	Supporting or Minor Course	3
STAT 380	Statistics for Applications	3
Total		16

Fall Year 4

SIUE Course		Hours
MATH 498	Senior Seminar	2
MATH/STAT/OR	Math/Stats./Or. Elective	3
SUP/MINOR	Supporting or Minor Course	3
STAT 482	Regression Analysis	3
MATH 165	Intro. To Program & Problem Solv.	3
ELEC	Elective	3
Total		17

Spring Year 4

SIUE Course		Hours
MATH 499	Senior Project	2
IS XXX	Interdisciplinary Course	3
MATH/STAT/OR	Math/Stats./Or. Elective	3
SUP/MINOR	Supporting or Minor Course	3
SUP/MINOR	Supporting or Minor Course	4
Total		15

Bachelor of Science Degree Total **124**

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

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