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***

[1]All 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
		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.