

Pathway Mathematics- Statistics

Lewis and Clark Community College Associate in Science 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.

Southern Illinois University Edwardsville Bachelor Degree

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.