

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.

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
ELEC Electives	4
SUP/MINOR Supporting or Minor Course	3
Total	15

Bachelor of Science Degree Total 124

Students must complete 50% or more of SIUE degree requirements at SIUE.(120 +hours required for graduation).