

**2+2 Mathematics
Statistics**

**St. Louis Community College
Associate in Art Degree**

Fall Year 1

STLCC Course		Hours
ENG 101	College Composition I	3
MTH 210	Analytic Geometry & Calculus I	5
Social Science ¹	Social Science Course	3
HUM/F ²	Humanities/Fine Arts	3
COM 101/107	Oral Communication/Public Speaking	3
Total		17

Spring Year 1

STLCC Course		Hours
ENG 102	College Composition II	3
MTH 220	Analytic Geometry & Calculus II	5
PE ELE	PE Elective	1
Social Science ¹	Social Science Course	3
PHYS SCI	Physical Science Course	4
Total		16

Fall Year 2

STLCC Course		Hours
MTH 230	Analytic Geometry & Calculus III	5
PE ELE	PE Elective	1
GEN 200	Capstone Course	1
PHY 122	Engineering Physics I	5
HUM/F ²	Humanities/Fine Arts	3
Total		15

Spring Year 2

STLCC Course		Hours
MTH 240	Differential Equations	3
Life Science	Life Science Course	4
Social Science ¹	Social Science Course	3
IDS 1XX	Interdisciplinary Studies	3
HUM/F ²	Humanities/Fine Arts	3
Total		16

Associate in Arts Degree Total³ 64

Accepted Hours for Bachelor degree 60

¹Students must choose course that fulfills MO State Requirement

²Students must choose one course that meets Global/
Intercultural Requirement.

³Additional hours required for AA degree. Students must complete 50%
or more of SIUE degree requirements at SIUE.

**Southern Illinois University Edwardsville
Bachelor Degree**

Fall Year 3

SIUE Course		Hours
MATH 223	Logic and Mathematical Reasoning	4
MATH 321	Linear Algebra I	3
STAT 480a	Intro to Mathematical Stats	3
ELE XXX	Supporting Course	3
CS 145	Programming for Engineers	3
Total		16

Spring Year 3

SIUE Course		Hours
MATH 350	Introduction to Analysis	4
STAT 480b	Intro to Mathematical Stats	3
ELE XXX	Supporting Course	3
STAT/OR XXX	Statistics/Operations Research Elective	3
Total		13

SIUE Course		Hours
MATH 498	Senior Seminar	2
ELE XXX	Supporting Course	6
STAT/OR XXX	Statistics/Operations Research Elective	6
STAT 482	Regression Analysis	3
Total		17

Spring Year 4

MATH 499	Senior Project	2
ELE XXX	Supporting Course	6
STAT/OR XXX	Statistics/Operations Research Elective	3
IS XXX	Interdisciplinary Course	3
Total		14

Bachelor of Science Degree Total 124