

BA Mathematics: 41-49 credits in Major	
Department of Mathematics and Statistics: Phone 320-308-3001 or mathstat@stcloudstate.edu	
BA Mathematics Major Advisors	
Students wanting to declare a math major may choose their own advisor from the Mathematics faculty. Students needing help with choosing an advisor should consult with one of their professors or with the chair of the Department.	
First Semester	Second Semester
¹ MATH 221(4cr) ² SCSU Liberal Education (12cr) Total semester credits=16	MATH 222 (4cr) ¹ MATH 271 (3cr) Minor Course (3cr) SCSU Liberal Education (3cr) Total semester credits=13
Third Semester	Fourth Semester
MATH 312 (4cr) or MATH 321 (4cr) ³ MATH 325 (3cr) Minor Course (3cr) SCSU Liberal Education (6cr) Total semester credits=16	MATH 304 (3cr) MATH 312 (4cr) or MATH 321 (4cr) Minor Course (3cr) SCSU Liberal Education (6cr) Total semester credits=16
Fifth Semester	Sixth Semester
⁴ MATH 252 (3cr) ⁶ MATH Elective (3cr) or ⁴ MATH 411 (4cr) Minor Course (3cr) SCSU Liberal Education (6cr) Total Semester Credits=15 or 16	⁶ MATH Elective (3cr) or ⁵ MATH 421 (4cr) Two Minor Courses (3cr) SCSU Liberal Education (6cr) Total Semester Credits=15 or 16
Seventh Semester	Eighth Semester
⁵ MATH 411 (4cr) or ⁶ MATH Elective (3cr) MATH 485 (2cr) Two Minor Courses (6cr) University Elective (3cr) Total Semester Credits=14 or 15	⁵ MATH 421 (4cr) or ⁶ MATH Elective (3cr) Two Minor Courses (6cr) University Elective (6cr) Total Semester Credits= 15 or 16

Notes:

¹MATH 113, MATH 115 or an appropriate placement exam score is required before enrolling in MATH 221 or MATH 271.

²MATH 221 and MATH 222 both satisfy Goal Area 4 of the SCSU Liberal Education Program.

³MATH 327 may be substituted for MATH 325. MATH 325 is only offered as demand allows.

⁴CNA 267 or CSCI 201 may be substituted for MATH 252. Only MATH 252 counts as a Supporting Elective.

⁵MATH 411 or MATH 421 must be chosen as a Core Elective. The other Core Elective can count as 4 credits of Supporting Elective.

⁶Supporting Electives include MATH 252, 353, 423, 427, 452, 455, 465, 480, STAT 447, and STAT 448. Offering patterns for electives are given below.

Fall (odd years): MATH 252, 411, 427, STAT 447	Spring (even years): MATH 421, 452, 465, STAT 448
Fall (even years): MATH 252, 411, 455, STAT 447	Spring (odd years): MATH 353, 421, 423, 465, STAT 448

The BA Mathematics Major requires the completion of either

- a minor from the College of Science and Engineering
- a minor from Economics or Information Systems
- the Philosophy minor for Mathematics majors
- a second major, or
- 12 additional credits in mathematics or science that are approved by the Department of Mathematics and Statistics.

The table above gives one sample plan for a BA Mathematics major who has chosen a 30 credit minor option.

A grade of C- or better in each program course is required for graduation. SCSU requires a minimum of 120 semester credits to earn a Bachelors degree, 40 of these credits must be at the 300 or 400-level. Electives, if necessary, should be chosen to fulfill these requirements.