

BS Mathematics: 51 - 52 credits in Major

Department of Mathematics and Statistics: Phone 320-308-3001 or mathstat@stcloudstate.edu

BS Mathematics Major Advisors

Students wanting to declare a math major can choose their own advisor from the Mathematics or Mathematics Education 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
^{1/2} MATH 221 (4cr) ² SCSU Liberal Education (12cr) Total semester credits=16	² MATH 222 (4cr) ¹ MATH 271 (3cr) SCSU Liberal Education (9cr) Total semester credits=16
Third Semester	Fourth Semester
MATH 321 (4cr) MATH 312 (4cr) or MATH 304 (3cr) ² CPSY 262 (3cr) ED 300 (3cr) Total semester credits=13 or 14	MATH 304 (3cr) or MATH 312 (4cr) ³ MATH Elective (3cr) ² SPED 203 (3 cr) CPSY 361 (3cr) SCSU Liberal Education (3cr) Total semester credits=15 or 16
Fifth Semester	Sixth Semester
⁴ MATH 411 (4cr) ⁴ STAT 447 (3cr) HURL 497 (3cr) SCSU Liberal Education (3cr) ENGL/ED 460 (2cr) Total Semester Credits=15	⁴ MATH 465 (3cr) ⁴ MATH 421 (4cr) ^{4/5} MATH 432 (4cr) ⁵ STEM 421 (1cr) ⁵ ED 421 (2cr) ⁵ ED 451 (2cr) Total Semester Credits=16
Seventh Semester	Eighth Semester
^{4/5} MATH 431 (3cr) ³ MATH Elective (3cr) ⁵ STEM 420 (1cr) ⁵ IM 422 (2cr) ⁵ ED 431 (2cr) SCSU Liberal Education (3cr) Total Semester Credits=14	MATH 482 (2cr) ED 466 (10 cr) Total Semester Credits=12

Notes:

¹ An appropriate score on the Calculus Readiness placement exam or successful completion of MATH 115 is required before enrolling in MATH 221 or MATH 271.

²MATH 221 and MATH 222 will serve as 8 credits of Liberal Education in Goal Area 4: CPSY 262 and SPED 203 will serve as 6 credits in Goal Area 5. Beginning spring 2018, CPSY 262 and 361 replace CEEP 262 and 361, respectively.

³MATH electives are MATH 252, 325 or 327, 353, 423, 427, 452, 455, 480, and STAT 448. Many MATH electives are offered at most once every other year. Contact your advisor or the Department of Mathematics and Statistics for specific course offerings when constructing a specific plan.

⁴MATH 411, 431 and STAT 447 are only offered fall semester. MATH 421, 432 and 465 are only offered spring semester.

⁵MATH 432, STEM 421, ED 421 and ED 451 must be taken concurrently, as must MATH 431, STEM 420, IM 422 and ED 431. ENGL/ED 460 and SPED 203 must be taken prior to or during these two semesters.

Generally, the following courses are offered during Summer Session: MATH 221, 222, 327; CPSY 262, 361; and HURL 497. Contact departments to determine expected Summer Session course offerings.

Students must pass the MTLE in reading, mathematics, and writing OR receive passing scores on the ACT *Plus Writing* exam prior to registering for MATH 431 and 432 and student teaching.

The plan above is a conservative approach to completing the Liberal Education requirements. Students should meet with an advisor to select courses that satisfy multiple goal areas and requirements. Note that SCSU requires a minimum of 120 semester credits to earn a Bachelor of Science degree and 40 of these credits must be at the 300 or 400 level. Electives, if necessary, should be chosen to fulfill these requirements.

Revised: October 6, 2017