

BS Statistics – Actuarial Science Emphasis: 64 credits in Major

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

BS Statistics – Actuarial Science Emphasis Major Advisor

Dr. David Robinson 320-308-2149 dhrobinson@stcloudstate.edu ECC 237

Dr. Leonard Onyiah, Dr. Hui Xu, and Dr. Shiju Zhang are also suitable advisors for this program.

First Semester	Second Semester
¹ MATH 221 (5cr) STAT 229 (3cr) or SCSU Liberal Education (3cr) PESS 122 (1cr) ² SCSU Liberal Education (6cr) Total semester credits=15	MATH 222 (4cr) SCSU Liberal Education (9cr) SCSU Liberal Education (3cr) or STAT 229 (3cr) Total semester credits=16
Third Semester	Fourth Semester
⁴ STAT 304 (3cr) ⁴ STAT 321 (4cr) MATH 312 (3cr) or MATH 321 (4cr) SCSU Liberal Education (6cr) Total semester credits=16 to 17	⁵ STAT 421 (3cr) MATH 312 (3cr) or MATH 321 (4cr) ³ Programming Elective (3cr) SCSU Liberal Education (6cr) Total semester credits=15 to 16
Fifth Semester	Sixth Semester
⁴ STAT 447 (3cr) or MATH 453 (3 cr) ² ECON 205 (3cr) ² ECON 206 (3cr) SCSU Liberal Education (6cr) Total Semester Credits=15	⁵ STAT 448 or MATH 353 (3cr) STAT 417 (3cr) ⁶ STAT Elective (3cr) University Elective (6cr) Total Semester Credits=15
Seventh Semester	Eighth Semester
⁴ STAT 447 (3cr) or MATH 453 (3 cr) ACCT 291 (3cr) University Elective (6cr) Total Semester Credits=17	⁵ STAT 448 or MATH 353 (3cr) FIRE 375 (3cr) STAT 480 (3cr) University Elective (3cr) Total Semester Credits=12

Notes:

¹ An appropriate score on the Calculus Readiness placement exam or successful completion of either MATH 115 or both MATH 112 and MATH 113 is required before enrolling in MATH 221 or STAT 229.

²MATH 221, MATH 222, and STAT 229 all satisfy Goal Area 4 of the SCSU Liberal Education program. ECON 205 and ECON 206 are in Goal Area 5. However, students will need to complete one additional course in Goal Area 5.

³Programming electives are chosen from this list: CSCI 201, 260, 261; ECE 102; MME 102; MATH 252; CNA 267. MATH 252 is only offered in spring term.

⁴STAT 304, 321, and 447 are only offered in fall term. MATH 453 is only offered every other fall term (even numbered years).

⁵STAT 421 and 448 are only offered in spring term. MATH 353 is only offered every other spring term (even numbered years).

⁶The STAT Elective is chosen from this list: STAT 332, 424, 427, 430, 433, 436, 440; MATH 325, 373, 452. Offering patterns can be found in the table below.

Fall (odd years): STAT 436; MATH 452	Spring (even years): STAT 424, 452
Fall (even years): STAT 427, 433	Spring (odd years): STAT 332, 430 or 440

Generally the following program courses are offered during Summer Sessions: MATH 112, 113, 221, 222, 325; ACCT 291; CSCI 200, 260, 261. Contact departments to determine expected Summer Session course offerings.

SCSU requires a minimum of 120 semester credits to earn a Bachelors degree and 45 of these credits must be at the 300 or 400-level. Electives, if necessary, should be chosen to fulfill these requirements.

Revised: February 12, 2012