

## BS Statistics – Data Analytics Concentration: 45 credits in Major

Department of Mathematics and Statistics: Phone 320-308-3001 or [mathstat@stcloudstate.edu](mailto:mathstat@stcloudstate.edu)

### Major Advisors:

Dr. Michael Ernst, 320-308-2175, [mdernst@stcloudstate.edu](mailto:mdernst@stcloudstate.edu)  
 Dr. Leonard Onyiah, 320-308-2278, [lconyiah@stcloudstate.edu](mailto:lconyiah@stcloudstate.edu)  
 Dr. David Robinson, 320-308-2149, [dhrobinson@stcloudstate.edu](mailto:dhrobinson@stcloudstate.edu)  
 Dr. Corey Smith, 320-308-4259, [csmith@stcloudstate.edu](mailto:csmith@stcloudstate.edu)  
 Dr. Richard Sundheim, 320-308-2239, [rasundheim@stcloudstate.edu](mailto:rasundheim@stcloudstate.edu)  
 Dr. Shiju Zhang, 320-308-1744, [szhang@stcloudstate.edu](mailto:szhang@stcloudstate.edu)

First Semester	Second Semester
<sup>1</sup> STAT 239 (3cr) <sup>1</sup> MATH 211 (3cr) <sup>2</sup> SCSU Liberal Education (9cr) <b>Total semester credits=15</b>	STAT 321 (3cr) CNA 267 (3cr) Minor Course (3cr) SCSU Liberal Education (6cr) <b>Total semester credits=15</b>
Third Semester	Fourth Semester
<sup>4</sup> STAT 304 (3cr) <sup>4</sup> STAT 360 (3cr) Minor Course (3cr) SCSU Liberal Education (6cr) <b>Total semester credits=15</b>	<sup>4</sup> STAT 325 (3cr) <sup>4</sup> STAT 421 (3cr) Minor Course (3cr) SCSU Liberal Education (6cr) <b>Total semester credits=15</b>
Fifth Semester	Sixth Semester
STAT 417 (3cr) IS 443 (3cr) SCSU Liberal Education (9cr) <b>Total Semester Credits=15</b>	<sup>4</sup> STAT 415 (3cr) <sup>5</sup> STAT Elective (3cr) Minor Course (3cr) University Elective (6cr) <b>Total Semester Credits=15</b>
Seventh Semester	Eighth Semester
<sup>4</sup> STAT 380 (3cr) <sup>5</sup> STAT Elective (3cr) Minor Course (3cr) University Elective (6cr) <b>Total Semester Credits=15</b>	<sup>4</sup> STAT 381 (3cr) Minor Course (3cr) University Elective (9cr) <b>Total Semester Credits=15</b>

### Notes:

<sup>1</sup>An appropriate placement exam score or successful completion of either MATH 112, 115, or 196 is required before enrolling in MATH 211. An appropriate placement exam score or successful completion of either STAT 193 or MATH 112 is required before enrolling in STAT 239.

<sup>2</sup>MATH 211 and STAT 239 both satisfy Goal Area 4 of the SCSU Liberal Education program.

<sup>4</sup>STAT 304, 360, and 380 are only offered in fall terms. STAT 325, 381, 415, and 421 are only offered in spring terms.

<sup>5</sup>The STAT Electives are chosen from this list: STAT 424, 427, 430, 433, 436, 440. Offering patterns can be found in the table below.

Fall (odd years): STAT 427	Spring (even years): STAT 424 or 436
Fall (even years): STAT 433	Spring (odd years): STAT 430 or 440

A grade of C– or better in each program course is required for graduation. Students are required to complete one of the following: 1) a minor that requires at least 18 credits; or 2) a second major. SCSU requires a minimum of 120 semester credits to earn a Bachelor’s degree and 40 of these credits must be at the 300 or 400-level. Electives should be chosen to fulfill these requirements.