

## BS Biomedical Sciences: 80 credits in Major

Department of Biological Sciences: Phone 320-308-2039 or [Biology@stcloudstate.edu](mailto:Biology@stcloudstate.edu)

### Biomedical Sciences Major Advisors

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First Semester	Second Semester
<sup>1</sup> Biology 151 (4cr) or 152 (4cr) <sup>2</sup> Chemistry 210 (4cr)  <sup>3</sup> Core General Ed (3 or 4cr) General Ed from Distribution area A or C (3cr) <b>Total semester credits=14 to 15</b>	<sup>1</sup> Biology 151 (4cr) or 152 (4cr) Chemistry 211(4cr) <sup>3</sup> Statistics 193 (3cr) or 319(4cr)  Core General Ed (3 or 4cr) <b>or</b> General Ed from Distribution area A or C (3cr) <b>Total semester credits=14 to 16</b>
Third Semester	Fourth Semester
Biology 262 (4cr) <sup>4</sup> Chemistry 310 (5cr) <sup>3</sup> Statistics 319 (4cr) if not previously taken  Core General Ed (3 or 4cr) <b>or</b> General Ed from Distribution area A or C(3cr) <b>Total semester credits=16 to 17</b>	Biology 360 (4cr) <sup>4</sup> Chemistry 311 (4cr)  Core General Ed (3 or 4cr)  General Ed from Distribution area A or C (3cr) <b>Total semester credits=14 to 15</b>
Fifth Semester	Sixth Semester
Biology 362 (4cr) <sup>6</sup> Chemistry 480 (4cr) Physics 231 (4cr) <sup>5</sup> Biomedical Science Elective(3 or 4cr) <b>or</b> Core General Ed (3 or 4cr) <b>or</b> General Ed from Distribution area A or C(3cr) <b>Total Semester Credits=15 to 16</b>	Physics 232 (4cr) Biomedical Science Elective (3 or 4cr) Biomedical Science Elective (3 or 4cr) <sup>7</sup> PESS 122 (1cr)  Core General Ed (3 or 4cr) <b>or</b> General Ed from Distribution area A or C (3cr) <b>Total Semester Credits=14 to 17</b>
Seventh Semester	Eighth Semester
Biomedical Science Elective (3 or 4cr) Biomedical Science Elective (3 or 4cr)  Core General Ed (3 or 4cr) <b>and/or (depending on fifth semester choices)</b>  General Ed from Distribution area A or C (3cr) <b>Total Semester Credits= 12 to 16</b>	<sup>7</sup> Biology 494 (3cr) Biomedical Science Elective (3 or 4cr) Biomedical Science Elective (3 or 4cr)  Core General Ed (3 or 4cr) <b>or</b> General Ed from Distribution area A or C (3cr) <b>Total Semester Credits= 12 to 15</b>

### Notes:

<sup>1</sup>Biology 151 and 152 may be taken in any order, i.e., 151 is **not** a prerequisite for 152.

<sup>2</sup>A placement exam administered by the Department of Chemistry is required to determine readiness for Chemistry 210. If placement is in Chemistry 140, all required Chemistry courses will be delayed by one semester. Contact the Chemistry Department at 320-308-3031.

<sup>3</sup>To determine your readiness for Mathematics or Statistics 193 (core math) contact the Math Department at 320-308-3001.

The Mathematics department provides a Math placement exam which is required before enrolling in a Math/Stats class.

<sup>4</sup>Chemistry 310 is only offered Fall Semester, Chemistry 311 is only offered Spring Semester

<sup>5</sup>Contact the Biology Department for approved Biomedical Science electives, 20 credits are required. Contact your Biology advisor for specifics or the Biology Department at 320-308-2039.

<sup>6</sup>Chemistry 480 is only offered Fall Semester.

<sup>7</sup>PESS 122 is a one credit Health and Wellness course required for all SCSU students. It may be taken any semester but is required for graduation. Contact Departments by February 1<sup>st</sup> to determine expected Summer course offerings. Not all Biomedical Sciences electives are offered both Fall and Spring Semesters. Contact the Biology Department for specific course offerings.

SCSU requires a minimum of 120 semester credits to earn a Bachelors degree, 45 of these credits must be at the 300 or 400-level Biomedical

Sciences majors do not have to take General Education courses from Distribution Area B.

A total of 10 general education courses are required of students in this major: five core courses; Engl 191, CMST192, <sup>3</sup>Math/Stat 193, Phil 194, Democratic Citizenship 195 and a total of five courses in Distribution areas A and C. The courses may be three in Area A and two in Area C or vice versa. All SCSU students are required to complete a Racial Issues course; all of these courses are included in Area C and fulfill one course in Area C.

<sup>7</sup>Capstone may be taken any semester senior year.

Revised November 2005