

## BS AQUATIC BIOLOGY: 86 credits in Major

### Suggested Plan of Study

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

Aquatic Biology Major Advisors

Dr. Matthew Julius 320-308-6684 [mjulius@stcloudstate.edu](mailto:mjulius@stcloudstate.edu)

Dr. Steven Williams 320-308-4255 [sfwilliams@stcloudstate.edu](mailto:sfwilliams@stcloudstate.edu)

First Semester	Second Semester
<sup>1</sup> Biology 151(4cr) or 152 (4cr) <sup>2</sup> Chemistry 210 (4cr)  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)  Core General Ed (3 or 4cr) General Ed from Distribution area A or C(3cr)  <b>Total semester credits=14 to 15</b>
Third Semester	Fourth Semester
Biology 212 (4cr) or 214 (4Cr) <sup>3</sup> Chemistry 240 (4cr) <sup>3</sup> Statistics 193 (3cr) or 319 (4cr) Core General Ed (3 or 4cr) or General Ed from Distribution area A or C (3cr)  <b>Total semester credits=15 to 17</b>	Biology 312 (4cr) Chemistry 241 (4cr) or 320 (4cr) Statistics 319 if not previously taken Physics 231 (4cr) or Earth Science 220 (4cr) Core General Ed (3 or 4cr) or General Ed from Distribution area A or C (3cr)  <b>Total semester credits=14 to 16</b>
Fifth Semester	Sixth Semester
Biology 326(4Cr) Microcomputer Studies 302 (3Cr) <sup>5</sup> PESS 122(1Cr) <sup>4</sup> Aquatic Biology Elective (4Cr) Core General Ed (3 or 4cr) or General Ed from Distribution area A or C (3cr)  <b>Total Semester Credits=15 to 17</b>	Biology 322(4cr), 430(4Cr) or 436(4cr) Math 211(3Cr) <sup>4</sup> Aquatic Biology Elective (4Cr) Core General Ed (3 or 4cr) or General Ed from Distribution area A or C (3cr)  <b>Total Semester Credits=14 to 16</b>
Seventh Semester	Eighth Semester
Biology 434 4cr), 438 (4Cr) Aquatic Biology Elective (4cr) Core General Ed (3 or 4cr) or General Ed from Distribution area A or C (3cr)  <b>Total Semester Credits= 12 to 16</b>	Biology 436 (4cr) if not previously taken <sup>6</sup> Biology 448 (3cr) <sup>4</sup> Aquatic Biology Elective (4cr) Core General Ed (3 or 4cr) or General Ed from Distribution area A or C (3cr)  <b>Total Semester Credits= 12 to 16</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 remaining 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>Contact the Biology Department for approved Aquatic Biology electives, 12 credits are required. BIOL 262 is recommended. Contact your Biology advisors for specifics or the Biology Department at 320-308-2039.

<sup>5</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 Biology 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. Aquatic Biology 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>6</sup>Capstone may be taken any semester senior year.

Revised February 2004