

# B.S. – BIOLOGY

Credit for BIOL 1200/05, 1400/05, 2600 and 2110/15 may only be earned with a “C” or better

## Core Course Requirements: 80 credits

### A minimum GPA of 2.0 required in Program/Cognate Courses

- MATH 1100 Precalculus **OR** (4)
- MATH 2215 Calculus I (5)
- BIOL 1200/05 Cells & Molecules (5)
- CHEM 2110/15 General Chemistry I w/lab (5)
- BIOL 1400/5 Biodiversity & Evolution (5)
- CHEM 2120/25 Chemistry II Organic w/lab (5)
- BIOL 2110/15 Genetics w/lab (4)
- BIOL 2600 Scientific Literacy (Spring Soph. Yr) (1)
- BIOL 4600 Biology Seminar (1)

### PLANTS course, choose ONE: (4)

- BIOL 2120 Botany
- BIOL 3180 Plant Physiology
- BIOL 3365 Economic Botany
- BIOL/ENVL 3414 Plant Ecology
- BIOL 3465 Tide Marsh Ecology
- BIOL 3417/ENVL 3416 Dendrology
- MARS 3335 Marine Botany
- MARS 3336 Marine Plant Ecology

### Choose THREE course from the following (4-5):

- CHEM 2130 Chemistry III (4)
- CHEM 2140 Chemistry IV (4)
- PHYS 2110/15 Physics for Life Sciences I **OR** (5)
- PHYS 2220/25 Physics I (5)
- PHYS 2120/25 Physics for Life Sciences II **OR** (5)
- PHYS 2230/35 Physics II (5)
- BIOL/CHEM 3250 Biochemistry (4)

- BIOL 3000 or 4999 level \_\_\_\_\_ (4)
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- BIOL/Cognate \_\_\_\_\_ (4)
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### Other Biology/Cognates (CHEM, ENVL, MARS, GEOL, MATH, PHYS, SUST) if needed to equal program total of 80 credits

- BIOL/Cognate \_\_\_\_\_
- BIOL/Cognate \_\_\_\_\_
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- BIOL/Cognate \_\_\_\_\_
- BIOL/Cognate \_\_\_\_\_
- BIOL/Cognate \_\_\_\_\_

BIOL 4800/4900 BIOL Senior Project with poster session optional, but strongly encouraged. Required to be considered for program distinction \_\_\_\_\_

## Quantitative Reasoning Requirements (3 courses)

Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton

Q1 \_\_\_\_\_ Q2 \_\_\_\_\_ Q1 or Q2 \_\_\_\_\_

“The student is responsible for insuring that all graduation requirements are met” (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis. Prerequisites must be met. Please consult the Catalog of Courses for information.



## General Studies Requirements: 48 credits Total

32 Credits in 'G' Category Courses

No more than 12 credits in any one “G” category may be applied towards the BS degree

- General Interdisciplinary (GEN) – up to 4 credits
- General Integration & Synthesis (GIS) – up to 4 credits\*
- General Arts and Humanities (GAH) – up to 8 credits
- General Natural Science & Math (GNM) – up to 8 credits
- General Social Science (GSS) – up to 8 credits

\*Must be taken junior or senior year

## At Some Distance Electives: 16 credits

Courses unrelated to your major

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\_\_\_\_\_

## General Studies Outcome Requirement

These courses are listed as attributes and should be completed within the 128 credits needs to graduate.

- Arts (A)  Historical Consciousness (H)
- Values/Ethics (V)  International/Multicultural (I)

## Writing Requirement (4 courses)

Two W1 courses may be in transfer. W2 courses must be taken at Stockton

W1 \_\_\_\_\_ W1/W2 \_\_\_\_\_

W1/W2 \_\_\_\_\_

W1/W2–3000 level \_\_\_\_\_