

B.S. – BIOLOGY

PRE-PHYSICAL THERAPY CONCENTRATION

Core Course Requirements: 80 credits

A 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 1400/05 Biodiversity & Evolution (5)
- BIOL 2110/15 Genetics w/lab (4)
- CHEM 2120/25 Chemistry II Organic w/lab (5)
- BIOL 2600 Scientific Literacy (Spring Soph. yr) (1)
- BIOL 4600 Biology Seminar (1)
- CHEM 2130 Chemistry III: Organic Reactions (4)
- CHEM 2140 Chemistry IV: Theory & App. (4)
- BIOL 3170 Microbiology **OR**
other 3000 level _____ (4)
- PHYS 2110/15 Physics for Life Science I w/lab **OR**
PHYS 2220/25 Physic I w/lab (5-6) _____
- PHYS 2120/25 Physics for Life Science II w/lab **OR**
PHYS 2230/35 Physics II w/lab (5-6) _____
- Statistics Course _____
- PYSC 1100 Intro to Psychology (4)
- BIOL 2150/51 Principles of Physiology w/lab (4)
- BIOL 2180/85 Human Anatomy w/lab (4)

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

- BIOL 3000 or 4999 level (if needed) _____ (4)
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Other Biology/Cognates if needed to equal program total of 80 credits.

- BIOL/Cognate _____
- BIOL/Cognate _____
- BIOL/Cognate _____
- BIOL/Cognate _____
- BIOL/Cognate _____

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

"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.



At Some Distance Electives: 16 credits

Courses unrelated to your major

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 _____

Quantitative Reasoning Requirements (3 courses)

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

Q1 _____ Q2 _____ Q1 or Q2 _____