

# B.S. – BIOLOGY

## MEDICAL TECHNOLOGY CONCENTRATION

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. Courses highlighted require a GPA of 2.5 or greater for University of Delaware (UD).

- MATH 1100 Precalculus OR (4)
- MATH 2215 Calculus I (5)
- BIOL 1200/05 Cells & Molecules (5)
- BIOL 1400/5 Biodiversity & Evolution (5)
- BIOL 2110/15 Genetics w/lab (4)
- BIOL 2600 Scientific Literacy (Spring Soph. Yr) (1)
- BIOL 4600 Biology Seminar (1)
- BIOL 2150/51 Principles of Physiology (4)
- BIOL 3170 Microbiology (4)
- CHEM 2110/15 General Chemistry I w/lab (5)
- CHEM 2120/25 Chemistry II Organic w/lab (5)
- BIOL Elective, if needed \_\_\_\_\_

### 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 TWO courses:

- CHEM 2130 Chemistry III (4)
- CHEM 2140 Chemistry IV (4)
- BIOL/CHEM 3250 Biochemistry (4)

Students must earn 12 credits of BIOL at 3000 level or greater from course selections. Accepting transfer of 31 credits of science from courses listed from UD to complete Stockton degree.

- MEDT 380 Clinical Immunology & Med Virology (4)
- MEDT 390 Intro/Genetics & Molecular Diag. (3)
- MEDT 404/414 Hematology I (3)
- MEDT 406/416 Medical Microbiology (5)
- MEDT 405/415 Hematology II (4)
- MEDT 420/421 Immunohematology II (2)
- MEDT 430/431 Diag Bacteriology & Medical Mycology (4)
- MEDT 403/413 Clinical Physiological Chem II (6)

### Quantitative Reasoning Requirements (3 courses)

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

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



### 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 \_\_\_\_\_