

All Bachelor Programs require a minimum of 128 credits and a 2.00 cumulative average.

| <b>BS BIOCHEMISTRY/MOLECULAR BIOLOGY</b>  |       |  |                     | <a href="#">NAMS</a>      |
|---|-------|--|---------------------|---------------------------|
| <b>Academic Year</b>  |       | 2019-2020  |                     | <b>80 Program Credits</b> |
| All Program courses must be earned with a grade of <b>C</b> or greater  |       |  |                     |                           |
| MATH 2215 Calculus I  | (5)   | <b>GROUP I Molecular (Choose ONE)</b><br>BIOL 4210 Molecular Genetics, BIOL 4211 Molecular Evolution, BIOL 4212 Molecular Microbiology, BIOL 4213 Eukaryotic, Molecular Biology, BIOI 4215 Biotechnology<br><br><b>GROUP II Chemistry Electives (Choose TWO)</b><br>CHEM 3035, 3110 <sup>1</sup> , 3310, 3410, 3420, 3430, 3520, and 3550.<br><br><b>GROUP III Biology Electives (Choose TWO)</b><br>BIOL 3160, 3170, 3180, 3190, 3360, 4100, 4110, 4210, 4213, 4215, 4236, 4321, 3141, 4211, and 4212.<br><br>Other BIOL/Cognates if needed to equal program total of 80 credits<br><sup>1</sup> Students cannot take both CHEM 3035 & 3310 | (4)                 |                           |
| BIOL 1200/05 Cells & Molecules  | (5)   |  |                     |                           |
| BIOL 1400/05 Biodiversity & Evolution   | (5)   |  |                     |                           |
| BIOL 2110/15 Genetics w/lab   | (5)   |  |                     |                           |
| CHEM 2110/15 General Chemistry w/lab  | (5)   |  |                     |                           |
| CHEM 2120/25 Chemistry II Organic w/lab   | (5)   |  |                     |                           |
| CHEM 2130 Chemistry III Organic Reactions   | (5)   |  |                     |                           |
| CHEM 2140 Theory & Application  | (5)   |  |                     |                           |
| CHEM 3250 Biochemistry  | (5)   |  |                     |                           |
| CHEM 3350 Biochemical Lab Methods   | (5)   |  |                     |                           |
| PHYS 2100/15 or PYS 2220/25   | (5-6) |  |                     |                           |
| PHYS 2120/25 or PHYS 2230/35  | (5-6) |  |                     |                           |
| BCMB/BIOL/CHEM 4800/4900 Senior Project/Internship  | (4)   |  |                     |                           |
| <b>GENERAL STUDIES REQUIREMENTS:</b>  |       |  |                     | <b>48 Total Credits</b>   |
| No more than 12 credits in any "G" category may be applied towards the BS degree.   |       |  |                     | <b>32 Credits</b>         |
| GEN General Interdisciplinary   |       | GNM General Natural Science & Math   |                     |                           |
| GIS-General Integration & Synthesis (Jr./Sr. yr.)   |       | GNM General Natural Science & Math   |                     |                           |
| GAH General Arts & Humanities   |       | GSS General Social Science   |                     |                           |
| GAH   |       | GSS  |                     |                           |
| <b>AT SOME DISTANCE Electives - Courses unrelated to your major</b>   |       |  |                     | <b>16 Credits</b>         |
|   | (4)   |  | (4)                 |                           |
|   | (4)   |  | (4)                 |                           |
| <b>GENERAL STUDIES OUTCOME REQUIREMENT: These courses are listed as attributes and should be completed within the 128 credits needed to graduate.</b> |       |  |                     |                           |
| (A) Arts  |       | (V) Values/Ethics  |                     |                           |
| (H) Historical Consciousness  |       | (I) International/Multicultural  |                     |                           |
| <b>GENERAL STUDIES WRITING REQUIREMENT: (4 courses)</b>   |       |  |                     |                           |
| <b>Two W1 courses may be in transfer. W2 courses must be taken at Stockton.</b>   |       |  |                     |                           |
| W1  | W1/W2 | W1/W2  | W1/W2 at 3000 Level |                           |
| <b>GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)</b>  |       |  |                     |                           |
| <b>Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.</b>   |       |  |                     |                           |
| Q1  | Q2    | Q1 or Q2   |                     |                           |
| Prerequisites must be met, check course description on the web.   |       |  |                     |                           |

"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.