

PRESBYTERIAN COLLEGE
MAJOR CARD (JUNIOR & SENIOR YEARS)

Name: _____ ID: _____
 Last First Middle ID Number

Expected Date of Graduation: _____

Degree sought: BS Major: Computational Biology (CBIO)

ANY substitution to this program of study requires advanced written approval from the Department Chair and must be on file in the Registrar's Office PRIOR to completion of the substitution.

| 1. BIOLOGY CORE COURSES: | Grade | S.H. | Q.P. | Courses required for major | Grade | S.H. | Q.P. |
|---|-------|------|------|---|-------|--------------|------|
| BIOL 1150, 1150L Biological Concepts | | 3,1 | | Select two Electives from the following: | | | |
| *BIOL 1151, 1151L Organismal Biology | | 3,1 | | BCHE 307, 307L Biochemistry I | | 3,1 | |
| BIOL 2340 Genetics | | 4 | | BCHE 308 Biochemistry I | | 4 | |
| BIOL 3360 Bioinformatics | | 3 | | BCHE/BIOL 3210 Molecular Biology | | 4 | |
| BIOL 3990 Scientific Writing & Presentation | | 2 | | BIOL/ENVI 3040 Developmental Biology | | 4 | |
| BADM 371 Data Analytics I | | 3 | | BIOL 3060 Microbiology | | 4 | |
| BADM 372 Data Analytics II | | 3 | | PHYS 3900 Data Analytics & Numerical Modeling | | 3 | |
| CBIO 3370 Bioinformatics Algorithms | | 3 | | | | | |
| CBIO 4010 Computation Biology Capstone | | 3 | | | | | |
| CHEM 101, 101L General Chemistry I | | 3,1 | | | | | |
| CHEM 102, 102L General Chemistry II | | 3,1 | | | | | |
| MATH 201 Calculus I & Analytical Geometry | | 3 | | | | | |
| MATH 202 Calculus II | | 3 | | | | | |
| MATH 210 Data Analysis & Stat Computing I | | 3 | | | | | |
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| | | | | **All students should take BIOL 1151-1151L. A grade of 'C-' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course. | | | |
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| | | | | Total Hours Required | | 53-54 | |

Catalog Year 2020-21: Students are subject to requirements applicable at the time major is declared.

Student signature _____ Date _____

Major Advisor signature _____ Date _____

If the student is a varsity athlete, this form must be signed by the NCAA Compliance Officer:
 _____ Date _____