B.S. DEGREE - Fall 2020

31 HOURS OF BIOLOGY MINIMUM (11 or more courses) (1 August 2020)

Effective for Freshmen entering Fall 2020 and for all other students declaring a Biology Major as of Fall 2020  (UPDATED 1 June 2021)

- 141 Foundations of Modern Biology I - LECTURE (3)
- 141L Foundations of Modern Biology I - LAB (2)
- 142 Foundations of Modern Biology II - LECTURE
- 142L Foundations of Modern Biology II - LAB (2)

(NOTE: An AP score of 4 or 5 on the Biology AP exam OR an IB score of 5, 6, or 7 will exempt students from the Biology 141 LECTURE only. Biology 141L (Lab), Biology 142, and Biology 142L (Lab) are required.

One Biology course from each of the following areas:

<table>
<thead>
<tr>
<th>COLUMN A</th>
<th>COLUMN B</th>
<th>COLUMN C</th>
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</thead>
<tbody>
<tr>
<td>Cell &amp; Molecular</td>
<td>Organismal</td>
<td>Ecology &amp; Evolution</td>
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<td>223 Developmental Biology (3)</td>
<td>240 Organismal Form &amp; Function ** (3)</td>
<td>241 Evolutionary Biology (4)</td>
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<td>250 Cell Biology (3)</td>
<td>360 Intro. to Neurobiology (same as NBB 301) (3)</td>
<td>247 Ecology (same as ENVS 247) (3)</td>
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<tr>
<td>264 Genetics: A Human Perspective (4)</td>
<td>370 Intro. To Microbiology (4)</td>
<td>329 Coastal Biology w/Lab* (4)</td>
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*=Fulfills the upper-level laboratory requirement. **=Biology 240 can be taken in fall semester by freshmen with AP Biology credit, concurrently with Biol. 141L.

Four (or more) electives (totaling at least 12 credit hours minimum) from the biology course listings. 100-level biology courses and Biology 497R (Supervised Reading) do NOT count as biology electives.

Chemistry and Physics requirements, as follows:

Chemistry 150/150Z + 150L/150LZ; Chemistry 202/202Z + 202L/202ZL; Chemistry 203/203Z + 203L/203ZL, and Physics 141/151, w/Lab.

Math requirements - 3 classes:

CALCULUS - 2 semesters: Math 111 + Math 116 (Math 112 may be taken in lieu of Math 116 ONLY in the case of a double major requirement and ONLY with the Biology advisor's approval). Students with 4 hours of AP credit for AB Calculus are exempt from Math 111; students with 8 hours of BC Calculus are exempt from Math 111 and Math 116.

STATISTICS - 1 semester: QTM 100 (Intro to Stat. Inference). (NOTE: AP Statistics credit does NOT substitute for QTM 100.)

NOTES:

- Biology 141, 141L, 142, and 142L are prerequisites for most upper level courses in biology, except for Biology 200 and Biology 240.
- A "C" average is required in the major.
- All courses required for the Biology major must be taken for a LETTER GRADE.
- A maximum of 4 credit hours of Biology 495A/BW (Honors Research) OR Biology 499R (Undergraduate Research) may be counted as elective credit and an upper-level lab after completion of the second semester.
- ALL Biology majors are required to meet with their Biology advisor EVERY SEMESTER during the advising period prior to registration for the next semester. An ENROLLMENT HOLD/BLOCK (Service Indicator) will be placed on the student's OPUS account each semester until he/she has met with his/her Biology advisor for advising. The student's Biology ADVISOR will release the enrollment hold after meeting with the student.