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 23 August 2023)

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

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<th>COLUMN A</th>
<th>COLUMN B</th>
<th>COLUMN C</th>
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<tbody>
<tr>
<td>Cell &amp; Molecular</td>
<td>Organismal</td>
<td>Ecology &amp; Evolution</td>
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<tr>
<td>223 Developmental Biology (3)</td>
<td>205 Comparative Vertebrate Anatomy, w/Lab (5)</td>
<td>241 Evolutionary Biology (4)</td>
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<td>250 Cell Biology (3)</td>
<td>240 Organismal Form &amp; Function ** (3)</td>
<td>247 Ecology (same as ENVS 247) (3)</td>
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<td>264 Genetics: A Human Perspective (4)</td>
<td>360 Intro. to Neurobiology (same as NBB 301) (3)</td>
<td>329 Coastal Biology w/Lab* (4)</td>
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<td>370 Intro. To Microbiology (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 up to 4 hours of AP credit for AB Calculus are exempt from Math 111; students with up to 8 hours of BC Calculus are exempt from Math 111 and Math 116 (or Math 112/112Z).
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.