B.S. DEGREE - Fall 2017
31 HOURS OF BIOLOGY MINIMUM (11 or more courses)
Effective for Freshmen entering Fall 2017 and for all other students declaring a Biology Major as of Fall 2017 (UPDATED 6.1.18)

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

► One Biology course from each of the following areas:

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<thead>
<tr>
<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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<tr>
<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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* = 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 (12 hours minimum) from the biology course listings. 100-level biology courses and Biology 497R (Supervised Reading) do NOT count toward the biology major.

 ► Chemistry and Physics requirements, as follows:
Chemistry 150 + 150L. (or 141) and Chemistry 202 + 202L (or 142). Chemistry 203 (or 221 or 221Z) + Chemistry 203L (or 221L or 221LZ), and Physics 141 (or 151) w/Lab.
Freshmen who have AP credit for Chemistry 141/150 + 150L and take Chemistry 221Z/226L will be exempt from taking Chemistry 142/202 + 202L for the biology major.
NOTE: Chemistry 221/221Z/221L/221LZ will become 203/203L in Fall 2018; Chemistry 222/222Z/222L/222ZL will become 204/204L in Spring 2019.

 ► Math requirements - 3 classes:
CALCULUS - 2 semesters (Math 111 + Math 116, OR 4 hours AP credit for AB Calculus + Math 116, OR 8 hours AP credit for BC calculus.)
STATISTICS - 1 semester: QTM 100 (Intro to Stat. Inference).

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.
► Cross-listed Biology courses that ORIGINATE IN BIOLOGY or are SHARED with another department do not come under the cross-listed rule. (See course atlas.)
► 2-credit hour courses may be taken for elective credit, however, additional biology courses may be needed to fulfill the 12 hours minimum of elective credit required.
► ONE upper-level Biology laboratory course will be required for the Biology major (Biol 205, 224, 247LW, 260, 329, 346L, 347, 360L/NBB 301L, 370L, 372, 495A/BW, 499R, and NBB 361W). Special topics courses with a lab (Biol 286/386/486) will also fulfill the upper-level laboratory requirement. (See course atlas.)
► 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 only after completion of the second semester.
► 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) will still be required.
► ALL Biology majors are required to meet with their Biology advisor EVERY SEMESTER during the advising period prior to registration. An enrollment hold will be placed on the student's OPUS account each semester until he/she has met with his/her Biology advisor for advising. The ADVISOR will release the hold after meeting with the student.