General Education Core Curriculum for the Bachelor of Science

Area 1: Communications – 9 hours
- English 111 (3)
- English 112 (3)
- English 341 (3)

Area 2: Mathematics - 8 hours
- Math 131 (4)
- Math 132 (4)

Area 3: Basic Laboratory Sciences – 26 hours
- Physics 121 & 121L (5)
- Physics 122 & 122L (5)
- Chemistry 121 & 121L (5)
- Chemistry 122 & 122L (4)
- Biology, Earth, or Engineering with Associated Labs (8)
- __________
- __________
- __________
- __________

Area 4: Social Sciences – 6 hours (Economics, Political Science, Psychology, Women's Gender Studies, Sociology)
- __________
- __________
- __________
- __________
- __________

Area 5: Humanities – 6 hours (English, Art, Music, History, Philosophy, Humanities, TC, Foreign Language)
- __________
- __________
- __________
- __________
- __________

Area 6: Additional Courses from Area 4 or Area 5-6 – 6 hours
- __________
- __________
- __________
- __________
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Bachelor of Science in Biology, 2015-2016 Catalog

<table>
<thead>
<tr>
<th>Required Course</th>
<th>Course Accepted</th>
<th>Credits</th>
<th>Institute</th>
<th>Dept Approval Required?</th>
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<tbody>
<tr>
<td>BIOL 111 &amp; L (Gen. Biol) (4)</td>
<td>_____________________</td>
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<td>BIOL 112 &amp; L (Gen. Biol) (4)</td>
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<td>BIOL 311 &amp; L (Genetic) (4)</td>
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<td>BIOL 331 (Cell) (3)</td>
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<td>BIOL 333 &amp; L or (Molec) (4)</td>
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<tr>
<td>BIOL 341 &amp; L (Micro)</td>
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<td>BIOL 471 (Seminar) (1)</td>
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<td>CHEM 333 (Organic) (5)</td>
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<td>CSE 113 or (Program) (4)</td>
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<td>MATH 283 (Stats) (3)</td>
<td>_____________________</td>
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</table>

At least 6 credit hours from the following:
- BIOL 341 & L or (Micro) (3-4)
- BIOL 333 & L (Molec)
- BIOL 351 & L (A&P) (4)
- BIOL 352 & L (A&P) (4)
- BIOL 431 (Virology) (3)
- BIOL 437 (Inf&Imm) (3)

At least 6 credit hours from the following:
- BIOL 343 & L (EnvMicro) (3-4)
- BIOL 344 & L (Ecology) (3-4)
- BIOL 444 (Evol Bio) (3)
- BIOL 446 (Env Tox) (3)

Additional Biology (12)
- May include
- CHEM 441 & 442 (BioChem)

6 Credit hours from the following:
- CHEM 311 (Quanti.) (3-4)
- CHEM 331 (PChem) (3-4)
- CHEM 333L (OChem) (1)
- CHEM 334 (OChem II) (3)
- CHEM 334L (OChem II) (1)
- CHEM 441 (Biochem) (3-4)

Minimum Credit Hours Required: 130

☞ Biology laboratories are required when the course is specifically required by the biology curriculum or when used as a technical elective towards a degree in biology. Biology majors must take Biology and Chemistry courses for a letter grade.

☞ Transfer credit must be equivalent to New Mexico Tech course.

☞ # = Courses in progress