Bachelor of Science in Biochemistry

A Suggested Sequence of Required Courses (2008-2009 Catalog)

<table>
<thead>
<tr>
<th>Freshman Year</th>
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<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
<td></td>
</tr>
<tr>
<td>0 Chapel (CHA 1088)</td>
<td>0 Chapel (CHA 1088)</td>
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</tr>
<tr>
<td>3 ENG 1302</td>
<td>3 REL 1350</td>
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<tr>
<td>3 REL 1310</td>
<td>3 MTH 1321</td>
<td></td>
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<tr>
<td>3 MTH 1304 (MTH 1321 if eligible)</td>
<td>4 Foreign Language 1402 (see below/reverse)</td>
<td></td>
</tr>
<tr>
<td>4 Foreign Language 1401 (see below/reverse)</td>
<td>3 CHE 1302</td>
<td></td>
</tr>
<tr>
<td>3 CHE 1301</td>
<td>3 CHE 1316</td>
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<thead>
<tr>
<th>Sophomore Year</th>
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<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
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<tr>
<td>3 ENG 2301 or ENG 2304/2306/GTX</td>
<td>3 ENG 2301 or ENG 2304/2306/GTX</td>
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<tr>
<td>3 MTH 1322</td>
<td>3 BIO 1306</td>
<td></td>
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<tr>
<td>3 BIO1305</td>
<td>1 BIO 1106</td>
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<td>1 BIO 1105</td>
<td>1 Human Performance</td>
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<tr>
<td>3 Foreign Language 2310 (see below/reverse)</td>
<td>3 Foreign Language 2320 (see below/reverse)</td>
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<tr>
<td>3 CHE 3331</td>
<td>2 CHE 3382</td>
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<td>3 CHE 3331</td>
<td>3 CHE 3238</td>
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<td>3 CHE 2332</td>
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<tr>
<th>Junior Year</th>
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<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
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</tr>
<tr>
<td>3 History/Social Science (see reverse)</td>
<td>3 History/Social Science (see reverse)</td>
<td></td>
</tr>
<tr>
<td>3 PSC 2302</td>
<td>4 PHY 1430</td>
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<tr>
<td>4 PHY 1420</td>
<td>1 Human Performance</td>
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<tr>
<td>1 Human Performance</td>
<td>3 Elective (Variable depending on hours)</td>
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</tr>
<tr>
<td>3 CHE 4141</td>
<td>1 CHE 4142</td>
<td></td>
</tr>
<tr>
<td>1 CHE 4341</td>
<td>3 CHE 4342</td>
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<th>Senior Year</th>
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<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
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</tr>
<tr>
<td>3 CHE 4327</td>
<td>0 CHE 4001</td>
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<tr>
<td>1 CHE 4151</td>
<td>2 Advanced CHE (4217 or 4237 recommended)</td>
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<tr>
<td>1 CHE 4125</td>
<td>3 Advanced CHE (4316 is recommended)</td>
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<tr>
<td>3 ENG 3300</td>
<td>3 Advanced BIO Elective</td>
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<tr>
<td>4 Advanced BIO Elective (4306/4106 is recommended)</td>
<td>3-4 Advanced Elective (depends on advanced hrs)</td>
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<tr>
<td>1 Human Performance</td>
<td>3 Elective (Variable depending on hours)</td>
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<tr>
<td>3 Elective (Variable depending on hours)</td>
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<tr>
<td><strong>Total:</strong> 16</td>
<td><strong>Total:</strong> 14-15</td>
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All students must graduate with a minimum of 124 hours, 36 of which must be at the 3000/4000 level.

Notes about major requirements:
- **Language:** A modern foreign language shall be selected to meet the College requirements; Russian and German are recommended. See language options on reverse side - option A only.
- CHE courses in the first two years must not be deferred, except that CHE 1316 may be delayed one semester.
- PHY 1430 must be completed by the end of the junior year.
- CHE 4327 and 4125 must be taken in the fall of junior year or senior year. Prerequisites are CHE 1316, 4341 or concurrent enrollment, MTH 1322 and PHY 1430.
- 4000 level CHE courses, except 4341, are only taught once per year, in the semesters indicated above.
- English requirement: It is recommended that science majors take ENG 3300 their junior or senior year rather than ENG 1304. Students may also take FAS 1118, 1128, and 1138 instead of ENG 1304.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see the undergraduate catalog.

Please see reverse side for important information on general requirements.
Notes about General Requirements:
• Course selection is subject to availability within each semester.
• Please keep in mind that this is only a suggested sequence. Actual sequence will vary according to possible second major, minor, other program of study (including pre-health) and individual circumstances (ex., transfer credit, dual credit, and credit by exam).
• In order to complete your degree, you must fulfill all requirements in your major and general requirements for the Bachelor of Science.
• To complete a double major, you may not count any courses toward both majors.
• For more specific information on general requirements, see your undergraduate catalog.
• Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

History/Social Science (choose 2 courses from the following areas - 6 hours):
- Anthropology, Economics, History, Honors, Philosophy, Political Science, Psychology, Sociology, Geog 1300, FAS 1303, 1304 or 1305, or 3 courses from FAS 1115, 1125, 1135.
- Check your major to determine if special courses are needed.

Foreign Language:
- Option A: One modern language through 2320 level:
  Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Swahili, Thai
- Option B: One classical language through 2320 level or two classical through 1302 level:
  Latin, Greek, Hebrew (If available, Akkadian, Aramaic, Syriac, and/or Ugaritic may be used)
  *Chemistry majors must take a modern foreign language; German or Russian are strongly recommended.

Math & Science: You must complete a minimum of 34 hours of math and science courses. See the undergraduate catalog for a more detailed explanation.

Fine Arts: None required for this degree.