## CHEMISTRY - BA

### Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Credit Hours</th>
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<tbody>
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<td><strong>First Year</strong></td>
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<td><strong>Fall</strong></td>
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<td>CHEM 231</td>
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<td>Newtonian Mechanics for Engineering and Science</td>
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<td>State and Local Government</td>
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<td>Nuclear Chemistry</td>
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<td>CHEM 468</td>
<td>Materials Chemistry of Inorganic Materials</td>
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<td>CHEM 470</td>
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<tr>
<td>CHEM 489</td>
<td>Special Topics in...</td>
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<td>PHYS 309</td>
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General electives 2 9

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<tr>
<th>Semester Credit Hours</th>
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Total Semester Credit Hours 120

1. Choose a section designated for chemistry majors.
2. Select any course 100-499 not used elsewhere except AERS 100-299 (http://catalog.tamu.edu/undergraduate/course-descriptions/aers/); CHEM 222, CHEM 242; MATH 102, MATH 140, MATH 142, MATH 167, MATH 168; MLSC 100-299 (http://catalog.tamu.edu/undergraduate/course-descriptions/mlsc/); NVSC 100-299 (http://catalog.tamu.edu/undergraduate/course-descriptions/nvsc/); PHYS 201, PHYS 202, PHYS 205. General elective hours must be used to complete a required minor approved by the granting department.
3. This is a designated C- or W-course.

Graduation requirements include a requirement for 3 hours of International and Cultural Diversity (http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/) courses and 3 hours of Cultural Discourse (http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/) courses. A course satisfying a Core category, a college/department requirement, or a general elective can be used to satisfy this requirement.

Chemistry majors may take CHEM 485 or CHEM 491 as elective courses. The total hours of CHEM 485 and CHEM 491 taken on a graded (A-F) basis may not exceed 9. Additional hours of these courses may be taken on an S/U basis. A maximum of 6 hours of these courses may be included on the degree plan.

Electives should be chosen in consultation with the chemistry advisor and should be selected to meet the residency requirement (36 hours at 300-400-level must be taken at Texas A&M).