# Bachelor of Science Degree

**BS.CHEM.PROF (104)**

**CHEM 4411*, 4411L (411) Instrumental Analysis**

**CHEM 4323* (421) Biochemistry I**

**CHEM 4223L* (421L) Biochemistry I Laboratory**

**CHEM 4431*, 4431L (431) Inorganic Chemistry**

**CHEM 4397* (498) Undergraduate Research**

**MATH 1316* (111) Plane Trigonometry OR MATH 2412* (1348) Pre-Calculus**

**MATH 2413* (240) Calculus I**

**MATH 2414* (241) Calculus II**

**MATH 3340* (340) Calculus III**

**PHYS 2425*, 2425L (219) Engineering Physics I**

**PHYS 2426*, 2426L (211) Engineering Physics II**

**PHYS 3095 (341) Laboratory Problems**

**MPS 4370* Senior Investigations**

## ELECTIVES: 7-10 HOURS BY ADVISEMENT

<table>
<thead>
<tr>
<th>ELECTIVES</th>
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<tbody>
<tr>
<td><strong>TOTAL HOURS REQUIRED TO COMPLETE DEGREE</strong></td>
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*Core curriculum courses should be taken during the first two years of enrollment.  
** Indicates prerequisites—see catalog for more information.

** Or an equivalent course (second year, second semester) in French or German.

** Note I: This option follows course recommendations of the American Chemical Society and prepares students for positions in industry, government and education. It is recommended for students planning to do graduate study in chemistry or seeking employment as chemists in industry.

** Note II: At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree must be earned at WTAMU. A maximum of six semester hours in religion and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

** Note: This is NOT a degree plan. Before completion of 60 hours, students are allowed and encouraged to request an official degree plan in the office of the dean of the College of Agriculture, Science and Engineering, located the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). After completing 60 hours, students will not be allowed to progress without requesting a degree plan.