### COLLEGE OF NATURAL SCIENCES & MATHEMATICS
Bachelor of Science, Chemistry
Four-Year Academic Map 2021-2022

#### YEAR 1

<table>
<thead>
<tr>
<th>Semester 1 Fall</th>
<th>Semester 2 Spring</th>
<th>Total</th>
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<tbody>
<tr>
<td>ENGL 1301  First Year Writing I</td>
<td>ENGL 1302  First Year Writing II</td>
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<tr>
<td>CHEM 1311  Fundamentals of Chemistry I</td>
<td>CHEM 1312  Fundamentals of Chemistry II</td>
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<tr>
<td>CHEM 1111  Fundamentals of Chemistry I Lab</td>
<td>CHEM 1112  Fundamentals of Chemistry II Lab</td>
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<tr>
<td>MATH 2413  Calculus I</td>
<td>MATH 2414  Calculus II</td>
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<tr>
<td>CORE American History</td>
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<td>CORE Social &amp; Behavioral Sciences</td>
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<tr>
<td>CHEM 2323  Organic Chem I</td>
<td>Core Writing in the Disciplines</td>
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<td>CHEM 2123  Organic Chem I Lab</td>
<td>PHYS 2125  University Physics Laboratory I</td>
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<tr>
<td>PHYS 2325  University Physics I</td>
<td>CHEM 2325  Organic Chem II</td>
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<tr>
<td>CHEM 2133  Inorganic Chemistry Laboratory</td>
<td>CHEM 2125  Organic Chem II Lab</td>
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<td>MATH 2415  Calculus III</td>
<td>PHYS 2326  University Physics II</td>
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<td>CHEM 2233  Inorganic Chemistry</td>
<td>MATH 3321  Engineering Mathematics</td>
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<tr>
<td>CHEM 4372  Physical Chemistry II</td>
<td>CHEM 4370  Physical Chemistry I</td>
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<td>CHEM 4272  Physical Chemistry II Lab</td>
<td>CHEM 4270  Physical Chemistry I Lab</td>
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<tr>
<td>GOVT 2306  U.S. &amp; Texas Constitutions &amp; Politics</td>
<td>GOVT 2305  U.S. Govt: Congress, Pres, &amp; Courts</td>
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<tr>
<td>CHEM 3369  Analytical Chemistry</td>
<td>PHYS 2126  University Physics Laboratory II</td>
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<td>CHEM 3119  Analytical Chemistry Lab</td>
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<td>CHEM 4369  Instrumental Methods of Analysis</td>
<td>Elective Advanced Approved Chemistry Elective</td>
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<td>CHEM 4229  Instrumental Methods of Analysis Lab</td>
<td>CHEM 4336  Fundamental Biochemistry</td>
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*State of Texas Core Curriculum
Students should meet with their academic advisor to formulate their own plan.