<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Methods</th>
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| 1 | Students will demonstrate proficiency in the broad discipline of Chemistry, both early in the curriculum in general chemistry and later in the curriculum as they graduate, and through broad exploration of the sub-disciplines of chemistry, they will develop the capacity for critical thinking. | Major Field Test in Chemistry  
Subset of questions assess critical thinking  
General Chemistry Exam  
Placement of graduates in job market and graduate programs |
| 2 | Students will demonstrate proficiency in the sub-disciplines of Analytical Chemistry. | Analytical subset of Major Fields Test in Chemistry  
Exit survey |
| 3 | Students will demonstrate proficiency in Organic Chemistry | Organic Sub-section of the MFT in Chemistry  
Exit survey  
National Exam in Organic Chemistry |
| 4 | Students will demonstrate proficiency in Physical Chemistry. | Physical Chemistry Sub-section of the MFT in Chemistry  
Exit Survey  
Physical Chemistry Exam |
| 5 | Students will demonstrate proficiency in Inorganic Chemistry. | Inorganic Chemistry Sub-section of the MFT in Chemistry  
Exit Survey |
| 6 | Students will participate in research opportunities as a capstone experience. | Exit Survey  
Nationally assessed post-research survey |