### Biochemistry – BS*
#### 2017-2018 Student Learning Outcomes

<table>
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<th>Outcome</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  
Questions assess critical thinking  
General Chemistry Exam  
Desirability of graduates in job market and admission to graduate programs |
| 2       | Students will demonstrate proficiency in the sub-disciplines of Biochemistry. | Major Fields Test in Biochemistry  
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 participate in research opportunities as a capstone experience. | Exit Survey  
Nationally assessed post-research survey. |

*Preliminary Outcomes*