## Astronomy BA/Minor*
### 2019-2020 Student Learning Outcomes

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Methods</th>
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| 1       | Students will demonstrate basic conceptual understanding of celestial coordinates, Kepler’s laws, and stellar properties. | Midterm exam  
Final exam |
| 2       | Students will apply their numerical and computational skills to solve astronomy problems involving, for example, gravity, Kepler’s laws, astronomical measurements, and stellar evolution towards compact objects. | Homework assignment/project  
Final exam |
| 3       | Students will perform an advanced experimental project and data analysis, including distinguishing statistical and systematic errors, propagating errors, and representing data graphically. | Project  
Oral presentation of project |

*Preliminary Outcomes*