Statistics

STAT 400  **Statistics and Probability I**  credit: 4 hours.
Introduction to mathematical statistics that develops probability as needed; includes the calculus of probability, random variables, expectation, distribution functions, central limit theorem, point estimation, confidence intervals, and hypothesis testing. Offers a basic one-term introduction to statistics and also prepares students for STAT 410. Same as MATH 463. Prerequisite: MATH 241 (formerly MATH 243) or MATH 242, or equivalent.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>30458</td>
<td>Discussion/Recitation</td>
<td>AD1</td>
<td>10:00 AM - 10:50 AM</td>
<td>TR</td>
<td>243 - Mechanical Engineering Bldg</td>
<td>Hirtz, N</td>
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<tr>
<td>30460</td>
<td>Lecture</td>
<td>AL1</td>
<td>09:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>165 - Noyes Laboratory</td>
<td>Monrad, D</td>
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