Statistics

STAT 410  **Statistics and Probability II**  credit: 3 OR 4 hours.
Continuation of STAT 400. Includes moment-generating functions, transformations of random variables, normal sampling theory, sufficiency, best estimators, maximum likelihood estimators, confidence intervals, most powerful tests, unbiased tests, and chi-square tests. Same as MATH 464. 3 undergraduate hours. 4 graduate hours. Credit is not given for both STAT 410 and STAT 409. Prerequisite: STAT 400; or STAT 100 and MATH 461.

<table>
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<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>36150</td>
<td>Lecture-Discussion</td>
<td>1GR</td>
<td>02:00 PM - 03:20 PM</td>
<td>TR</td>
<td>119 - Materials Science &amp; Eng Bld</td>
<td>Stepanov, A</td>
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<tr>
<td>36149</td>
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<td>3GR</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>1310 - Digital Computer Laboratory</td>
<td>Stepanov, A</td>
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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration

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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration
| 63557 | Lecture-Discussion | 3UG | 10:00 AM - 10:50 AM | MWF | 1310 - Digital Computer Laboratory | Stepanov, A |

Credit Hours: 3 hours  
Restricted to Undergrad - Urbana-Champaign.  
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