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>
<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>36150</td>
<td>Lecture</td>
<td>1GR</td>
<td>02:00 PM - 03:20 PM</td>
<td>TR</td>
<td>1092 - Lincoln Hall</td>
<td>Stepanov, A</td>
</tr>
</tbody>
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Credit Hours: 4 hours
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration

| 36149 | Lecture | 1UG     | 02:00 PM - 03:20 PM | TR   | 1092 - Lincoln Hall | Stepanov, A  |

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

| 61860 | Lecture | 2GR     | 02:00 PM - 02:50 PM | MWF  | 1092 - Lincoln Hall | Stepanov, A  |

Credit Hours: 4 hours
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration

| 61861 | Lecture | 2UG     | 02:00 PM - 02:50 PM | MWF  | 1092 - Lincoln Hall | Stepanov, A  |

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

| 63555 | Lecture | 3GR     | 10:00 AM - 10:50 AM | MWF  | 160 - English Building | Stepanov, A  |

Credit Hours: 4 hours
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration

| 63557 | Lecture | 3UG     | 10:00 AM - 10:50 AM | MWF  | 160 - English Building | Stepanov, A  |
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