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>33498</td>
<td>Lecture-Discussion</td>
<td>1GR</td>
<td>09:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>1090 - Lincoln Hall</td>
<td>Stepanov, A</td>
</tr>
</tbody>
</table>

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

| 33502| Lecture-Discussion  | 1UG     | 09:00 AM - 10:50 AM | MWF  | 1090 - Lincoln Hall | Stepanov, A  |

Credit Hours: 3 hours
Restricted to Computer Engineering or Electrical Engineering or Applied Mathematics or Statistics or Mathematics or Actuarial Science or Statistics & Computer Science major(s). Restricted to Undergrad - Urbana-Champaign.
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration