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>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>119 - Materials Science &amp; Eng Bld</td>
<td>Guerrier, S</td>
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<td>36149</td>
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<td>61860</td>
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<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>1092 - Lincoln Hall</td>
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<td>63555</td>
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<td>3GR</td>
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<td>MWF</td>
<td>1092 - Lincoln Hall</td>
<td>Li, B</td>
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</tbody>
</table>

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Priority registration is restricted to Statistics graduate students. This restriction is expected to be removed sometime during the business day December 1, 2015. This course is set below capacity to hold space for incoming Statistics graduate students. If you are one of those students, please speak to your advisor. Capacity may fluctuate. If the remaining seats are at 0 or negative, you will not be able to register.

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Priority registration is restricted to Undergraduate Statistics majors. This restriction is expected to be removed sometime during the business day December 1, 2015. This course is set below capacity to hold space for students transferring into Statistics, and for Mathematics students with a concentration in Operations Research. If you are one of those students, please speak to your advisor. Capacity may fluctuate. If the remaining seats are at 0 or negative, you will not be able to register.

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Priority registration is restricted to Statistics graduate students. This restriction is expected to be removed sometime during the business day December 1, 2015. This course is set below capacity to hold space for incoming Statistics graduate students. If you are one of those students, please speak to your advisor. Capacity may fluctuate. If the remaining seats are at 0 or negative, you will not be able to register.

Credit Hours: 3 hours
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Credit Hours: 4 hours
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| 63557 | Lecture-Discussion | 3UG | 10:00 AM - 10:50 AM | MWF | 1092 - Lincoln Hall | Li, B |

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Priority registration is restricted to students majoring in Statistics, Statistics & Computer Science or Actuarial Science. This restriction is expected to be removed sometime during the business day December 1, 2015. This course is set below capacity to hold space for students transferring into Statistics, and for Mathematics students with a concentration in Operations Research. If you are one of those students, please speak to your advisor. Capacity may fluctuate. If the remaining seats are at 0 or negative, you will not be able to register.