Statistics

STAT 420  **Methods of Applied Statistics**  credit: 3 OR 4 hours.
Systematic, calculus-based coverage of the more widely used methods of applied statistics, including simple and multiple regression, correlation, analysis of variance and covariance, multiple comparisons, goodness of fit tests, contingency tables, nonparametric procedures, and power of tests; emphasizes when and why various tests are appropriate and how they are used. Same as MATH 469.
3 undergraduate hours. 4 graduate hours. Prerequisite: STAT 408 or STAT 400; MATH 231 or equivalent; knowledge of basic matrix manipulations; or consent of instructor.

<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>46308</td>
<td>Lecture-Discussion</td>
<td>1GR</td>
<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>66 - Library</td>
<td>Unger, D</td>
</tr>
<tr>
<td>46320</td>
<td>Lecture-Discussion</td>
<td>1UG</td>
<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>66 - Library</td>
<td>Unger, D</td>
</tr>
<tr>
<td>36154</td>
<td>Lecture-Discussion</td>
<td>2GR</td>
<td>02:00 PM - 03:20 PM</td>
<td>TR</td>
<td>119 - Materials Science &amp; Eng Bld</td>
<td>Stepanov, A</td>
</tr>
<tr>
<td>36153</td>
<td>Lecture-Discussion</td>
<td>2UG</td>
<td>02:00 PM - 03:20 PM</td>
<td>TR</td>
<td>119 - Materials Science &amp; Eng Bld</td>
<td>Stepanov, A</td>
</tr>
<tr>
<td>63559</td>
<td>Lecture-Discussion</td>
<td>3GR</td>
<td>12:30 PM - 01:50 PM</td>
<td>TR</td>
<td>119 - Materials Science &amp; Eng Bld</td>
<td>Stepanov, A</td>
</tr>
</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.

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 or Actuarial Science, 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.

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 or Actuarial Science, 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.
Priority registration is restricted to Statistics graduate students. This restriction is expected to be removed sometime during the business day December 1, 2015.

| 63561 | Lecture-Discussion | 3UG | 12:30 PM - 01:50 PM | TR | 119 - Materials Science & Eng Bid | Stepanov, A |

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 or Actuarial Science, 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.