### 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>
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<td>63857</td>
<td>Lecture-Discussion</td>
<td>A1G</td>
<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>103 - Talbot Laboratory</td>
<td>Chen, Y</td>
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<td>63856</td>
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<td>MWF</td>
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<td>Unger, D</td>
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<td>62027</td>
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<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>1310 - Digital Computer Laboratory</td>
<td>Dalpiaz, D</td>
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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Early registration is restricted to Statistics Graduate Students. This restriction is expected to be removed sometime during the business day May 5, 2015.

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Early 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 May 5, 2015. Some seats are reserved for incoming Statistics transfer students. If you receive a Reserved-Closed error, that means the course is full except for the reserved seats. This course is set below capacity to hold space for students transferring to Statistics from other programs of study. Capacity may fluctuate.

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Early registration is restricted to Statistics Graduate Students. This restriction is expected to be removed sometime during the business day May 5, 2015.

Credit Hours: 3 hours
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