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 ASRM 450. 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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</thead>
<tbody>
<tr>
<td>63857</td>
<td>Online</td>
<td>1GR</td>
<td>ARRANGED -</td>
<td>-</td>
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<td>Wang, M</td>
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</tbody>
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|       | Credit Hours: 4 hours  
Restricted to students in the Mathematics or Statistics department.  
Restricted to Graduate - Urbana-Champaign.  
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration |
| 63856 | Online           | 1UG     | ARRANGED -   | -    |                | Wang, M    |
|       | Credit Hours: 3 hours  
Restricted to Statistics 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 |
| 35486 | Lecture-Discussion | 2GR     | 09:30 AM - 10:50 AM | TR   | 1090 - Lincoln Hall | Ravat, U |
|       | Credit Hours: 4 hours  
Restricted to students in the Mathematics or Statistics department.  
Restricted to Graduate - Urbana-Champaign.  
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration |
| 35711 | Lecture-Discussion | 2UG     | 09:30 AM - 10:50 AM | TR   | 1090 - Lincoln Hall | Ravat, U |
|       | Credit Hours: 3 hours  
Restricted to Statistics 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 |
| 62027 | Lecture-Discussion | 3GR     | 11:00 AM - 12:20 PM | TR   | 1090 - Lincoln Hall | Ravat, U |
|       | Credit Hours: 4 hours  
Restricted to students in the Mathematics or Statistics department.  
Restricted to Graduate - Urbana-Champaign.  
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration |
| 62029 | Lecture-Discussion | 3UG     | 11:00 AM - 12:20 PM | TR   | 1090 - Lincoln Hall | Ravat, U |
|       | Credit Hours: 3 hours  
Restricted to students in the Mathematics or Statistics department.  
Restricted to Graduate - Urbana-Champaign.  
For up-to-date information about statistics course registration, please see our registration update pages: go.illinois.edu/StatisticsRegistration |
Restricted to Statistics 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