Statistics

STAT 430  **Topics in Applied Statistics**  credit: 3 OR 4 hours.
Formulation and analysis of mathematical models for random phenomena; extensive involvement with the analysis of real data; and
instruction in statistical and computing techniques as needed. Same as MATH 468. 3 undergraduate hours. 4 graduate hours. May be
repeated with approval. prerequisite: STAT 410 or STAT 420; or consent of instructor.

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<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>TR</td>
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<td>Glosemeyer, D</td>
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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.

Statistical Computing with Mathematica This survey course will cover topics in statistical computing and data analysis using
Mathematica. Topics will include data management and processing, descriptive statistics, statistical visualization, mathematical
statistics, hypothesis testing, model fitting and optimization. This course will be taught using Mathematica version 8 and requires that
students have access to Mathematica 8. Students with laptops should bring their laptops to class with Mathematica installed.

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Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.

Statistical Computing with Mathematica This survey course will cover topics in statistical computing and data analysis using
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