Mathematics

MATH 461  Probability Theory  credit: 3 OR 4 hours.
Introduction to mathematical probability; includes the calculus of probability, combinatorial analysis, random variables, expectation, distribution functions, moment-generating functions, and central limit theorem. Same as STAT 451. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Prerequisite: MATH 241 (formerly MATH 243) or MATH 242, or equivalent.

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<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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<tr>
<td>39200</td>
<td>Lecture-Discussion</td>
<td>C13</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>443 - Altgeld Hall</td>
<td>Bronski, J</td>
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<td>Credit Hours: 3 hours</td>
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<td>39201</td>
<td>Lecture-Discussion</td>
<td>C14</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>443 - Altgeld Hall</td>
<td>Bronski, J</td>
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|       | Credit Hours: 4 hours  
Instructor Approval Required  
Restricted to Graduate - Urbana-Champaign. |
| 33542 | Lecture-Discussion | D13     | 11:00 AM - 11:50 AM | MWF  | 447 - Altgeld Hall | Sowers, R |
|       | Credit Hours: 3 hours |
| 39133 | Lecture-Discussion | D14     | 11:00 AM - 11:50 AM | MWF  | 447 - Altgeld Hall | Sowers, R |
|       | Credit Hours: 4 hours  
Instructor Approval Required  
Restricted to Graduate - Urbana-Champaign. |
| 33558 | Lecture-Discussion | E13     | 01:00 PM - 01:50 PM | MWF  | 147 - Altgeld Hall | Yang, M |
|       | Credit Hours: 3 hours |
| 39134 | Lecture-Discussion | E14     | 01:00 PM - 01:50 PM | MWF  | 147 - Altgeld Hall | Yang, M |
|       | Credit Hours: 4 hours  
Instructor Approval Required  
Restricted to Graduate - Urbana-Champaign. |
| 33569 | Laboratory-Discussion | G83     | 03:00 PM - 03:50 PM | MWF  | 245 - Altgeld Hall | Uhl, J |
|       | Credit Hours: 3 hours  
| 39136 | Laboratory-Discussion | G84     | 03:00 PM - 03:50 PM | MWF  | 245 - Altgeld Hall | Uhl, J |
|       | Credit Hours: 4 hours |
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.

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<tr>
<td>39204</td>
<td>Lecture-Discussion</td>
<td>X13 12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>241 - Altgeld Hall</td>
<td>Merenkov, S</td>
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Credit Hours: 3 hours
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