Mathematics

MATH 444  **Elementary Real Analysis**  credit: 3 OR 4 hours.
Careful treatment of the theoretical aspects of the calculus of functions of a real variable; topics include the real number system, limits, continuity, derivatives, and the Riemann integral. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Credit is not given for both MATH 444 and MATH 447. Prerequisite: MATH 241; MATH 347 or MATH 348, or equivalent.

This course satisfies the General Education Criteria for a:  
Quantitative Reasoning II

<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>38024</td>
<td>Lecture-Discussion</td>
<td>F13</td>
<td>02:00 PM - 02:50 PM</td>
<td>MWF</td>
<td>447 - Altgeld Hall</td>
<td>Erdogan, M</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours  
Quant Reasoning II course.  
Open to both undergraduate and graduate students.

| 38025  | Lecture-Discussion  | F14     | 02:00 PM - 02:50 PM | MWF  | 447 - Altgeld Hall | Erdogan, M  |

Credit Hours: 4 hours  
Quant Reasoning II course.  
Instructor Approval Required  
Not intended for Undergrad - Urbana-Champaign.  
Instructor approval forms available in 313 Altgeld Hall.

| 38021  | Lecture-Discussion  | P13     | 11:00 AM - 12:20 PM | TR   | 341 - Altgeld Hall | Hinkkanen, A |

Credit Hours: 3 hours  
Quant Reasoning II course.  
Open to both undergraduate and graduate students.

| 38022  | Lecture-Discussion  | P14     | 11:00 AM - 12:20 PM | TR   | 341 - Altgeld Hall | Hinkkanen, A |

Credit Hours: 4 hours  
Quant Reasoning II course.  
Instructor Approval Required  
Not intended for Undergrad - Urbana-Champaign.  
Instructor approval forms available in 313 Altgeld Hall.