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>
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<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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<tbody>
<tr>
<td>32129</td>
<td>Lecture-Discussion</td>
<td>B13</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>243 - Altgeld Hall</td>
<td>Guo, J</td>
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<tr>
<td>32130</td>
<td>Lecture-Discussion</td>
<td>B14</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>243 - Altgeld Hall</td>
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<tr>
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<td>02:00 PM - 02:50 PM</td>
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<td>243 - Altgeld Hall</td>
<td>Wu, J</td>
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<td>02:00 PM - 02:50 PM</td>
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<td>243 - Altgeld Hall</td>
<td>Wu, J</td>
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<td>P13</td>
<td>11:00 AM - 12:20 PM</td>
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<td>141 - Altgeld Hall</td>
<td>Hinkkanen, A</td>
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<tr>
<td>32134</td>
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<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>141 - Altgeld Hall</td>
<td>Hinkkanen, A</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to majors in Mathematics only until April 29, 2013. Non-majors may register starting April 29.

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Fall semester.

Credit Hours: 3 hours
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