Mathematics

MATH 444  **Elementary Real Analysis**  credit: 3 OR 4 hours.
(MATH 344) 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. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Credit is not given for both MATH 444 and MATH 447. Prerequisite: MATH 242 or MATH 243; MATH 347 or MATH 348 or equivalent experience.

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

<table>
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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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<td>32130</td>
<td>Lecture-Discussion</td>
<td>G1G</td>
<td>03:00 PM - 03:50 PM</td>
<td>MWF</td>
<td>147 - Altgeld Hall</td>
<td>Ealy, C</td>
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<td>MWF</td>
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<td>Kerman, E</td>
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Quant Reasoning II course.
Restricted to Graduate - Urbana-Champaign.

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