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 intended for those who do not plan to take graduate courses in Mathematics. Topics include the real number system, limits, continuity, derivatives, and the Riemann integral. 3 or 4 undergraduate hours. 3 or 4 graduate hours. Credit is not given for both MATH 444 and either Math 424 or MATH 447. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241; MATH 347 or MATH 348, or equivalent.

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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>
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<td>30012</td>
<td>Lecture-Discussion</td>
<td>D3</td>
<td>09:00 AM - 09:50 AM</td>
<td>W</td>
<td>143 - Altgeld Hall</td>
<td>Miles, J</td>
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<td>D3</td>
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<td>MTWRF</td>
<td>143 - Altgeld Hall</td>
<td>Miles, J</td>
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Credit Hours: 3 hours
Meets 12-Jun-17 - 03-Aug-17.

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Credit Hours: 4 hours
Meets 12-Jun-17 - 03-Aug-17.
Departmental Approval Required
Restricted to Graduate - Urbana-Champaign.

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<td>39056</td>
<td>Online</td>
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<td>ARRANGED -</td>
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Credit Hours: 3 hours
Meets 12-Jun-17 - 03-Aug-17.
This is an online course featuring video lectures and online lecture notes through Moodle. No additional textbook has to be purchased. Students must be able to print out assignments, write out solutions, then scan their written work and upload it to Moodle to meet set deadlines. This course requires multiple paper-based exams that must be taken with an approved proctor. Exams may be taken on campus with NetMath proctoring; for off-campus options see https://netmath.illinois.edu/offcampus. Off-campus proctors must be able to scan completed exams and email them to NetMath for grading, as well as mailing the paper exam back for archival purposes. Students who will be on campus during Summer Session 2 are encouraged to select the on-campus section of this course. A 16-week self-paced version of this class will also be available as part of the academic year term (not summer term). Registration for the self-paced class is done through https://netmath.illinois.edu/Register (not Self-Service). Please contact mathadvising@illinois.edu with any questions.