Class Schedule - Spring 2015

Mathematics

MATH 347  **Fundamental Mathematics**  credit: 3 hours.
Fundamental ideas used in many areas of mathematics. Topics will include: techniques of proof, mathematical induction, binomial coefficients, rational and irrational numbers, the least upper bound axiom for real numbers, and a rigorous treatment of convergence of sequences and series. This will be supplemented by the instructor from topics available in the various texts. Students will regularly write proofs emphasizing precise reasoning and clear exposition. Credit is not given for both MATH 347 and MATH 348. Prerequisite: MATH 231.

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

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<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>37894</td>
<td>Lecture-Discussion</td>
<td>C1</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>137 - Henry Administration Bldg</td>
<td>Kutzarova-Ford, D</td>
</tr>
</tbody>
</table>

Quant Reasoning II course.
Math 347 is restricted to Mathematics and Math/CS majors until December 11, 2014. Contact mathadvising@illinois.edu if you have questions.

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<td>MWF</td>
<td>443 - Altgeld Hall</td>
<td>Lerman, E</td>
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Quant Reasoning II course.
Departmental Approval Required
Not intended for Graduate - Urbana-Champaign.
Honors section. Requires department approval. Email mathadvising@illinois.edu with name, netid, UIN, previous math grades and accomplishments, and request for honors Math 347.

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<tbody>
<tr>
<td>37895</td>
<td>Lecture-Discussion</td>
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<td>11:00 AM - 11:50 AM</td>
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<td>243 - Altgeld Hall</td>
<td>Kutzarova-Ford, D</td>
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<tbody>
<tr>
<td>37896</td>
<td>Lecture-Discussion</td>
<td>F1</td>
<td>02:00 PM - 02:50 PM</td>
<td>MWF</td>
<td>341 - Altgeld Hall</td>
<td>Gultepe, F</td>
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</tbody>
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<td>Lecture-Discussion</td>
<td>G1</td>
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<td>MWF</td>
<td>241 - Altgeld Hall</td>
<td>Gultepe, F</td>
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<td>Lecture-Discussion</td>
<td>X1</td>
<td>12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>145 - Altgeld Hall</td>
<td>Schaposnik Massolo, L</td>
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</table>
Quant Reasoning II course.