### Mathematics

**MATH 441  Differential Equations  credit: 3 OR 4 hours.**

Basic course in ordinary differential equations; topics include existence and uniqueness of solutions and the general theory of linear differential equations; treatment is more rigorous than that given in MATH 285. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Credit is not given for both MATH 441 and any of MATH 284, MATH 285, MATH 286. Prerequisite: MATH 241. Recommended: MATH 347 or MATH 348.

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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>
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<tbody>
<tr>
<td>57793</td>
<td>Lecture-Discussion</td>
<td>F13</td>
<td>02:00 PM - 02:50 PM</td>
<td>MWF</td>
<td>143 - Altgeld Hall</td>
<td>Rosenblatt, J</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Restricted to majors requiring this course until April 24, 2012. Non-majors may register starting April 24. For questions contact advising@math.uiuc.edu.

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Departmental Approval Required
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<tr>
<td>32116</td>
<td>Lecture-Discussion</td>
<td>M13</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>149 - Henry Administration Bldg</td>
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<td>X13</td>
<td>12:00 PM - 12:50 PM</td>
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