Mathematics

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

(MATH 341) 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 385. 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 441 and MATH 385. Prerequisite: MATH 242 or MATH 243, or equivalent; MATH 347 or MATH 348 recommended.

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

<table>
<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>32118</td>
<td>Lecture-Discussion</td>
<td>B1G</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>148 - Henry Administration Bldg</td>
<td>Palmore, J</td>
</tr>
</tbody>
</table>

Quant Reasoning II course.
Restricted to Graduate - Urbana-Champaign.

| 32116 | Lecture-Discussion  | B1U     | 09:00 AM - 09:50 AM | MWF  | 148 - Henry Administration Bldg | Palmore, J  |

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to Undergrad - Urbana-Champaign.

| 32123 | Lecture-Discussion  | E1G     | 01:00 PM - 01:50 PM | MWF  | 143 - Henry Administration Bldg | Zharnitsky, V |

Quant Reasoning II course.
Restricted to Graduate - Urbana-Champaign.

| 32120 | Lecture-Discussion  | E1U     | 01:00 PM - 01:50 PM | MWF  | 143 - Henry Administration Bldg | Zharnitsky, V |

Credit Hours: 3 hours
Quant Reasoning II course.
Restricted to Undergrad - Urbana-Champaign.