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

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<th>CRN</th>
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<th>Section</th>
<th>Time</th>
<th>Days</th>
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<td>Lecture-Discussion</td>
<td>B1G</td>
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<td>MWF</td>
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<td>Palmore, J</td>
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Quant Reasoning II course.
Restricted to Graduate - Urbana-Champaign.

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