Class Schedule - Spring 2016

Mathematics

MATH 425  **Honors Advanced Analysis**  credit: 3 hours.
A theoretical treatment of differential and integral calculus in higher dimensions. Topics include inverse and implicit function theorems, submanifolds, the theorems of Green, Gauss and Stokes, differential forms, and applications. As part of the honors sequence, this course will be rigorous and abstract. 3 undergraduate hours. No graduate credit. Approved for honors grading. Prerequisite: MATH 424 and either MATH 415 or MATH 416, and consent of the department.

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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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</thead>
<tbody>
<tr>
<td>46016</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>241 - Altgeld Hall</td>
<td>Loja Fernandes, R</td>
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</tbody>
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