Class Schedule - Spring 2019

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. 3 or 4 undergraduate hours. 3 or 4 graduate hours.
Credit is not given for both MATH 441 and any of MATH 284, MATH 285, MATH 286. 4 hours of credit requires approval of the
instructor and completion of additional work of substance. Prerequisite: MATH 241; MATH 347 or MATH 348 is recommended.

<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>57915</td>
<td>Lecture-Discussion</td>
<td>B13</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td></td>
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<tr>
<td>57920</td>
<td>Lecture-Discussion</td>
<td>B14</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
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<tr>
<td>61553</td>
<td>Lecture-Discussion</td>
<td>D13</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
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<tr>
<td>61554</td>
<td>Lecture-Discussion</td>
<td>D14</td>
<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
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<tr>
<td>54416</td>
<td>Lecture-Discussion</td>
<td>E13</td>
<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td></td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
During early registration, Math 441 is restricted to majors specifically requiring the course. Restrictions will be removed during the
business day on November 14, 2018. Students not already in those majors are welcome to register as soon as the restrictions have
been removed. Some seats are held back for off-campus transfer students. Any remaining seats will be added on the Friday before
spring classes begin.

Credit Hours: 4 hours
Departmental Approval Required
Restricted to Graduate - Urbana-Champaign.
Graduate students requesting the 4 credit hour section must first register for the 3 hour section. If the instructor is willing to offer
extra work to graduate students for the 4-hour section, students can get an approval form from 313 Altgeld Hall between the first day
of the semester and the 8th week of the semester.

Credit Hours: 3 hours
During early registration, Math 441 is restricted to majors specifically requiring the course. Restrictions will be removed during the
business day on November 14, 2018. Students not already in those majors are welcome to register as soon as the restrictions have
been removed. Some seats are held back for off-campus transfer students. Any remaining seats will be added on the Friday before
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<table>
<thead>
<tr>
<th>54417</th>
<th>Lecture-Discussion</th>
<th>E14</th>
<th>01:00 PM - 01:50 PM</th>
<th>MWF</th>
<th>245 - Altgeld Hall</th>
</tr>
</thead>
</table>

Credit Hours: 4 hours  
Instructor Approval Required  
Restricted to Graduate - Urbana-Champaign.  
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Spring semester.