Mathematics

MATH 482  **Linear Programming**  credit: 3 OR 4 hours.

(MATH 382) Rigorous introduction to a wide range of topics in optimization, including a thorough treatment of basic ideas of linear programming, with additional topics drawn from numerical considerations, linear complementarity, integer programming and networks, polyhedral methods. 3 undergraduate hours. 3 or 4 graduate hours. Four hours of credit requires approval of the instructor and completion of additional work of substance. Prerequisite: MATH 415.

<table>
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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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<tr>
<td>39139</td>
<td>Lecture-Discussion</td>
<td>C1G</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>243 - Altgeld Hall</td>
<td>Kostochka, A</td>
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<td>30808</td>
<td>Lecture-Discussion</td>
<td>C1U</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>243 - Altgeld Hall</td>
<td>Kostochka, A</td>
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Restricted to Graduate - Urbana-Champaign.

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.