Mathematics

MATH 482  Linear Programming  credit: 3 OR 4 hours.
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 or 4 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 410, MATH 415, or MATH 416.

<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>30808</td>
<td>Lecture-Discussion</td>
<td>C13</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>447 - Altgeld Hall</td>
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<tr>
<td>39139</td>
<td>Lecture-Discussion</td>
<td>C14</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>447 - Altgeld Hall</td>
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<tr>
<td>66990</td>
<td>Lecture-Discussion</td>
<td>X13</td>
<td>12:00 PM - 12:50 PM</td>
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<td>241 - Altgeld Hall</td>
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<tr>
<td>66991</td>
<td>Lecture-Discussion</td>
<td>X14</td>
<td>12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>241 - Altgeld Hall</td>
<td></td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Restricted to Mathematics major(s).
This course is restricted to Mathematics majors initially, but the restriction will be removed during business hours on April 17, 2019. Some seats are reserved for off-campus transfer students in majors requiring this course. Any remaining seats would be released on the Friday before fall classes begin.

Credit Hours: 4 hours
Instructor 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
Restricted to Mathematics major(s).
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