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>
<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>30808</td>
<td>Lecture-Discussion</td>
<td>C13</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>141 - Altgeld Hall</td>
<td>Whittlesey, K</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
This course is restricted to Mathematics majors initially, but the restriction will be removed at 8am on April 16, 2018.

| 39139   | Lecture-Discussion | C14     | 10:00 AM - 10:50 AM | MWF    | 141 - Altgeld Hall | Whittlesey, K |

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.

| 66990   | Lecture-Discussion | X13     | 12:00 PM - 12:50 PM | MWF    | 241 - Altgeld Hall | Whittlesey, K |

Credit Hours: 3 hours
This course is restricted to Mathematics majors initially, but the restriction will be removed at 8am on April 16, 2018.

| 66991   | Lecture-Discussion | X14     | 12:00 PM - 12:50 PM | MWF    | 241 - Altgeld Hall | Whittlesey, K |

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.