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: ASRM 406, MATH 415, or MATH 416.

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<thead>
<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>30808</td>
<td>Online</td>
<td>C13</td>
<td>ARRANGED</td>
<td>-</td>
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<td>Hodges, R</td>
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</tbody>
</table>

Credit Hours: 3 hours
This course is restricted to Mathematics majors initially, but the restriction will be removed during business hours on May 7, 2020. 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.

| 39139 | Online | C14     | ARRANGED | -    |          | Hodges, R  |

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 | Online | X13     | ARRANGED | -    |          | Hodges, R  |

Credit Hours: 3 hours
This course is restricted to Mathematics majors initially, but the restriction will be removed during business hours on May 7, 2020. 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.

| 66991 | Online | X14     | ARRANGED | -    |          | Hodges, R  |

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.