Mathematics

MATH 476  **Actuarial Risk Theory**  credit: 3 OR 4 hours.

(MATH 376) Mathematical analysis of the risk to an insurer due to variations in expected claim numbers and amounts; optimal insurance systems; the probability of ruin in the long run; reinsurance; dividend formulas. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Prerequisite: Credit or concurrent registration in STAT 409 or STAT 410.

<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>39138</td>
<td>Lecture-Discussion</td>
<td>M1G</td>
<td>09:00 AM - 10:20 AM</td>
<td>TR</td>
<td>106B8 - Engineering Hall</td>
<td>Gorvett, R</td>
</tr>
</tbody>
</table>

Restricted to Graduate - Urbana-Champaign.

| 30806 | Lecture-Discussion  | M1U     | 09:00 AM - 10:20 AM | TR   | 106B8 - Engineering Hall  | Gorvett, R |

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