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.

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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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<tbody>
<tr>
<td>30806</td>
<td>Lecture-Discussion</td>
<td>M13</td>
<td>09:00 AM - 10:20 AM</td>
<td>TR</td>
<td>106B8 - Engineering Hall</td>
<td>Gorvett, R</td>
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Credit Hours: 3 hours