Class Schedule - Spring 2018

Mathematics

MATH 410  Lin Algebra & Financial Apps  credit: 3 OR 4 hours.
Emphasizes techniques of linear algebra and introductory and advanced applications to actuarial science, finance and economics. Topics include linear equations, matrix theory, vector spaces, linear transformations, eigenvalues and eigenvectors and inner product spaces. In addition, current research topics such as modeling, data mining, and generalized linear models are explored. 3 or 4 undergraduate hours. 3 or 4 graduate hours. Credit is not given for both MATH 410 and any of MATH 125, MATH 225, MATH 415 or MATH 416. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241; MATH 210 or FIN 221; or consent of instructor.

<table>
<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>50884</td>
<td>Lecture-Discussion</td>
<td>E13</td>
<td>03:30 PM - 04:50 PM</td>
<td>TR</td>
<td>101 - Armory</td>
<td>Chong, W</td>
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<tr>
<td>50885</td>
<td>Lecture-Discussion</td>
<td>E14</td>
<td>03:30 PM - 04:50 PM</td>
<td>TR</td>
<td>101 - Armory</td>
<td>Chong, W</td>
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</tbody>
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Credit Hours: 3 hours
Restricted to students majoring in Actuarial Science until November 16, 2017. Non-majors interested in this course may register on that date. Some seats are held back for transfer students. Any remaining seats will be released during business hours on the Friday before spring classes begin.

Credit Hours: 4 hours
Departmental Approval Required
Restricted to Actuarial Science major(s).
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. Restriction will be removed November 16th, 2017.