### A Typical Schedule of “Core” Actuarial Courses in the B.S. Program, 9/02/14

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ECON:1100 Principles of Microeconomics (for VEE) CS:1210 Computer Science MATH:1850 Calculus I</td>
<td>ECON:1200 Principles of Macroeconomics (for VEE) MATH:2700 Introduction to Linear Algebra MATH:1860 Calculus II</td>
</tr>
</tbody>
</table>

\[ P = \text{STAT:4100} + \text{ACTS:3110} \]
\[ \text{FM} = \text{ACTS:3085 or ACTS:4130} + \text{ACTS:3080} \]
\[ \text{MFE} = \text{ACTS:4130} + \text{ACTS:4380} \]
\[ \text{MLC} = \text{ACTS:4130} + \text{ACTS:4180} + \text{ACTS:4280} + \text{ACTS:4110} \]
\[ C = \text{STAT:4101} + \text{ACTS:6480} + \text{ACTS:6580} \]

VEE (Validation for Educational Experiences) are SOA requirements - Not exams.

### Graduation with Honors in Actuarial Science

Qualified undergraduate students majoring in actuarial science may work toward graduation with honors. Honors students in actuarial science must be members of the University of Iowa Honors Program, which requires that students maintain a cumulative University of Iowa g.p.a. of at least 3.33 (contact the University of Iowa Honors Program for more information). They also must maintain a g.p.a. of at least 3.40 in departmental courses.

To graduate with honors in the actuarial science major, students must complete the following five courses in addition to all courses required for the major.

- 06F:117 (FIN:3300) Corporate Finance \( 3 \text{ s.h.} \)
- 22M:100 (MATH:3600) Introduction to Ordinary Differential Equations (or 22M:178) \( 3 \text{ s.h.} \)
- 22S:150 (STAT:4510) Regression, Time Series, and Forecasting (or 22S:152 and 22S:156) \( 3 \text{ s.h.} \)
- 22S:176 (ACTS:6580) Credibility and Survival Analysis \( 3 \text{ s.h.} \)
- 22S:177 (ACTS:6480) Loss Distributions \( 3 \text{ s.h.} \)

An Actuarial Science student planning to graduate with honors **MUST** contact the department prior to classes start in their senior year to review this request.