Economies of Class Size – UW-Platteville
based on 2014-15 rates

The chart below assumes the following:
- Tuition rate is based on a Wisconsin Resident taking 15 credits per semester
- Tuition rate for students taking 12-18 credits per semester = $3,149 therefore paying a per credit rate of $210 or $630 per 3-credit course. (Straight per-credit rate is $262 per credit or $787.29)
- Average salary for Teaching Academic staff = $40,732 & Faculty = $62,361
- 18% Fringe for all teaching staff
- Assume family health insurance at $18,400 per year
- TAS teach 5 courses per semester = 10 per year for LAE & BILSA / 4 courses per semester = 8 per year for EMS
- Faculty teach 4 courses per semester = 8 per year for LAE & BILSA / 3 courses per semester=6 per year for EMS

RESULTS: With the above assumptions, to have average net revenue to cover direct academic costs:
- Class size when utilizing TAS must be at 11 students and above
- Class size when utilizing faculty members must be 19 students and above

Additional Observations:
- If each course contains ONE Tri-state initiative student taking 15 credits, the net profitability goes up by $400 (therefore reducing the required class size for faculty-taught classes to 18 students)
- Students taking between 16-18 credits realize a slight discount in tuition (18 credit student saves $105 per course as compared to a student with 15 credits)
- Due to the difference in average salaries and course-load for TAS and Faculty members, the break-even point for students in a class is significantly higher in EMS as compared to BILSA & LAE.

<table>
<thead>
<tr>
<th>$ average salary &amp; fringe / # students to break even)</th>
<th>TAS Average</th>
<th>Faculty Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>BILSA</td>
<td>$64,803 / 11 students</td>
<td>$89,994 / 18 students</td>
</tr>
<tr>
<td>EMS</td>
<td>$75,134 / 15 students</td>
<td>$99,361 / 27 students</td>
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<tr>
<td>LAE</td>
<td>$65,991 / 11 students</td>
<td>$83,536 / 17 students</td>
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</tbody>
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