## PACE UNIVERSITY ARTICULATION AGREEMENT WITH ORANGE COUNTY COMMUNITY COLLEGE and the DYSON SCHOOL OF ARTS AND SCIENCES

### Courses for OCCC

<table>
<thead>
<tr>
<th>A.S. Liberal Arts and Sciences – Mathematics &amp; Natural Sciences Emphasis</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Major courses</strong></td>
<td></td>
</tr>
<tr>
<td>Recommended courses:</td>
<td></td>
</tr>
<tr>
<td>38205 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>38114 Introduction to Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>38206 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>38208 Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>38209 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Core</td>
<td></td>
</tr>
<tr>
<td>11101 Freshman English I</td>
<td>3</td>
</tr>
<tr>
<td>11102 Freshman English II</td>
<td>3</td>
</tr>
<tr>
<td>13110 Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>2 SUNY Social Science List</td>
<td>3</td>
</tr>
<tr>
<td>3 SUNY Natural Science List</td>
<td>6-8</td>
</tr>
<tr>
<td>38107 College Algebra or higher or Liberal Arts Science</td>
<td>6-8</td>
</tr>
<tr>
<td>Restricted History Elective</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td>99197-8 Concepts of Physical Wellness</td>
<td>.5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1.5</td>
</tr>
<tr>
<td>Recommended courses:</td>
<td></td>
</tr>
<tr>
<td>38210 Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language (FRE, ITA, RUS or SPA)</td>
<td>6</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>62-64</strong></td>
</tr>
</tbody>
</table>

### Pace University Equivalent

<table>
<thead>
<tr>
<th>B.A. Mathematics</th>
<th>Credits Transferable to Univ.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core</strong></td>
<td></td>
</tr>
<tr>
<td>MAT 131 Calculus</td>
<td>4</td>
</tr>
<tr>
<td><strong>Major</strong></td>
<td></td>
</tr>
<tr>
<td>MAT 137 Introduction to Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 132 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 253 Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MAT 238 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td><strong>Core – Foundation</strong></td>
<td></td>
</tr>
<tr>
<td>ENG 110 Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENG 120 Critical Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM 200 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Core</td>
<td>3</td>
</tr>
<tr>
<td><strong>Core – Foundation</strong></td>
<td>6-8</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
</tr>
<tr>
<td>CS 121 Computer Programming I</td>
<td>3</td>
</tr>
<tr>
<td>Core – Foundation</td>
<td>6</td>
</tr>
<tr>
<td><strong>TOTAL = 62-64</strong></td>
<td></td>
</tr>
</tbody>
</table>