**Degree**

Bachelor of Science in Mathematical Sciences: Statistics Major

**Course Catalog**

**Admission Requirements**

- Completion of Associate in Arts (AA) degree
- Completion of all prerequisites with grade of C or higher
- Cumulative Transfer GPA: 2.0 or higher

**Special Notes**

- We strongly encourage students to complete math and science courses every term to make satisfactory progress toward completing all prerequisites and AA degree prior to transfer.
- The additional upper division course below is required for this program. We encourage students to take the course (as an elective) prior to completing the AA.

**PREREQUISITES**

<table>
<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311 Calculus and Analytical Geometry 1</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>MAC 2312 Calculus and Analytical Geometry 2</td>
<td>MAC 2312</td>
</tr>
<tr>
<td>MAC 2313 Calculus and Analytical Geometry 3</td>
<td>MAC 2313</td>
</tr>
<tr>
<td>COP 2800 Java Programming</td>
<td>COP 2210</td>
</tr>
</tbody>
</table>

**Complete one of the following courses with lab:**

<table>
<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>BSC 2010 + BSC 2010L Principles of Biology 1 + Lab</td>
<td>BSC 2010 + Lab</td>
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<td>OR</td>
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<tr>
<td>BSC 2011 + BSC 2011L Principles of Biology 2 + Lab</td>
<td>BSC 2011 + Lab</td>
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<td>OR</td>
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<tr>
<td>CHM 1045 + CHM 1045L General Chemistry &amp; Qualitative Analysis 1 + Lab</td>
<td>CHM 1045 + Lab</td>
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<td>OR</td>
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<tr>
<td>CHM 1046 + CHM 1046L General Chemistry &amp; Qualitative Analysis 2 + Lab</td>
<td>CHM 1046 + Lab</td>
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<td>OR</td>
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<tr>
<td>PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab</td>
<td>PHY 2048 + Lab</td>
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<td>OR</td>
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<tr>
<td>PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab</td>
<td>PHY 2049 + Lab</td>
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<tr>
<td>OR</td>
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<tr>
<td>GLY 1010 + GLY 1010L Physical Geology + Lab</td>
<td>GLY 1010 + Lab</td>
</tr>
</tbody>
</table>

**ADDITIONAL LOWER/UPPER DIVISION COURSES**

<table>
<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
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</thead>
<tbody>
<tr>
<td>MAS 3105 Linear Algebra</td>
<td>MAS 3105</td>
</tr>
</tbody>
</table>