# Mathematics

2019-2020 Palm Beach State College Transfer Guide

## Degree

- Bachelor of Science in Mathematics

## Advising Information

[Course Catalog](https://mathstat.fiu.edu/academics/advising/index.html)

## Admission Requirements

- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.0
- All prerequisites completed with a grade of C or better.

## Special Notes

- STEM majors must enroll in math and science courses **every term** at PBSC in order to make satisfactory progress towards degree requirements

## PREREQUISITES

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311 Calculus with Analytical Geometry 1</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>MAC 2312 Calculus with Analytical Geometry 2</td>
<td>MAC 2312</td>
</tr>
<tr>
<td>MAC 2313 Calculus with Analytical Geometry 3</td>
<td>MAC 2313</td>
</tr>
<tr>
<td>MAP 2302 Differential Equations</td>
<td>MAP 2302</td>
</tr>
<tr>
<td>MAS 2103 Linear Algebra</td>
<td>MAS 3105</td>
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<tr>
<td>COP 2800C Java Programming</td>
<td>COP 2210</td>
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</tbody>
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**Complete any two of the following courses with labs:**

- BSC 1010 + BSC 1010L Introduction to Biology 1 + Lab                      | BSC 2010 + Lab   |
- BSC 1011 + BSC 1011L Introduction to Biology 2 + Lab                      | BSC 2011 + Lab   |
- CHM 1045 + CHM 1045L General Chemistry 1 + Lab                           | CHM 1045 + Lab   |
- CHM 1046 + CHM 1046L General Chemistry 2 + Lab                           | CHM 1046 + Lab   |
- PHY 2048 + PHY 2048L General Physics w/ Calculus 1 + Lab                 | PHY 2048 + Lab   |
- PHY 2049 + PHY 2049L General Physics w/ Calculus 2 + Lab                 | PHY 2049 + Lab   |