Mathematics-Math Education
2019-2020 Miami Dade College Transfer Guide

College of Arts, Sciences & Education

Degree

Bachelor of Arts in Mathematics with a Major in Math Education

Course Catalog

Advising Information
https://mathstat.fiu.edu/academics/advising/index.html

Admission Requirements

- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.5
- FTCE-General Knowledge Exam - a state-mandated requirement for admissions into initial teacher preparation programs. Students are strongly encouraged to pass this examination prior to transfer. For more information go to:
  http://www.fldoe.org/accountability/assessments/postsecondary-assessment/ftce/
- All prerequisites completed with a grade of C or better.

<table>
<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>MAC 2311 Calculus &amp; Analytical Geometry 1</td>
<td>MAC 2311</td>
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<tr>
<td>MAC 2312 Calculus &amp; Analytical Geometry 2</td>
<td>MAC 2312</td>
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<tr>
<td>MAC 2313 Calculus &amp; Analytical Geometry 3</td>
<td>MAC 2313</td>
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<tr>
<td>MAP 2302 Introduction to Differential Equations</td>
<td>MAP 2302</td>
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<tr>
<td>MAD 2104 Discrete Mathematics</td>
<td>MAD 2104</td>
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<tr>
<td>MAS 3105 Linear Algebra- Can be taken at FIU</td>
<td>MAS 3105</td>
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<tr>
<td>COP 2800 Java Programming</td>
<td>COP 2210</td>
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<tr>
<td>OR</td>
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<tr>
<td>CGS 2423 &quot;C&quot; for Engineers</td>
<td>COP 2270</td>
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Complete any one of the following lectures with labs:

BSC 2010 + BSC 2010L Principles of Biology 1 + Lab  | BSC 2010 + Lab
OR
BSC 2011 + BSC 2011L Principles of Biology 2 + Lab  | BSC 2011 + Lab
OR
CHM 1045 + CHM 1045L General Chem & Qual. Analysis + Lab | CHM 1045 + Lab
OR
CHM 1046 + CHM 1046L General Chem & Qual. Analysis + Lab | CHM 1046 + Lab
OR
PHY 2048 + PHY 2048L Physics w/ Calculus 1 + Lab    | PHY 2048 + Lab
OR
PHY 2049 + PHY 2049L Physics w/ Calculus 2 + Lab    | PHY 2049 + Lab