Degree

Bachelor of Arts in Chemistry: Chemical Education Major
Course Catalog

Admission Requirements

- **Specialized Admissions**
  - Completion of Associate in Arts (AA) degree
  - All prerequisites completed with a grade of C or higher
  - Cumulative Transfer GPA: 2.5 or higher
  - Completion of FTCE (General Knowledge Test)
  - State-mandated for admission to teacher preparation programs. We strongly encourage students to pass this test prior to transfer. Visit: [http://www.fldoe.org/accountability/assessments/postsecondary-assessment/ftce/](http://www.fldoe.org/accountability/assessments/postsecondary-assessment/ftce/)

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 lower division course below is required for this program. We encourage students to take the course (as an elective) prior to completing the AA.
- Visit [FIUTeach](http://www.fiu.edu/fiuteach) to learn more about graduating with both a degree and teacher certification.

### PREREQUISITES

<table>
<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
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<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>CHM 1045 + CHM 1045L General Chemistry &amp; Qualitative Analysis 1 + Lab</td>
<td>CHM 1045 + Lab</td>
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<tr>
<td>CHM 1046 + CHM 1046L General Chemistry &amp; Qualitative Analysis 2 + Lab</td>
<td>CHM 1046 + Lab</td>
</tr>
<tr>
<td>CHM 2210 + CHM 2210L Organic Chemistry 1 + Lab</td>
<td>CHM 2210 + Lab</td>
</tr>
<tr>
<td>CHM 2211 + CHM 2211L Organic Chemistry 2 + Lab</td>
<td>CHM 2211 + Lab</td>
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<tr>
<td>OR</td>
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<tr>
<td>PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab</td>
<td>PHY 2048 + Lab</td>
</tr>
<tr>
<td>PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab</td>
<td>PHY 2049 + Lab</td>
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<td>OR</td>
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<tr>
<td>PHY 2053 + PHY 2053L Physics (without Calculus) 1 + Lab</td>
<td>PHY 2053 + Lab</td>
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<tr>
<td>PHY 2054 + PHY 2054L Physics (without Calculus) 2 + Lab</td>
<td>PHY 2054 + Lab</td>
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### ADDITIONAL LOWER DIVISION COURSES

<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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