Degree
Bachelor of Arts in Earth Sciences: Earth Science Education
Course Catalog

Admission Requirements

- **Specialized Admissions**
  - Completion of Associate in Arts (AA) degree
  - Completion of all prerequisites with 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 the degree. We encourage students to take the course (as an elective) prior to completing the AA.
- Visit [FIU Teach](https://www.fiu.edu/fiuteach/) to learn more about graduating with both a degree and teacher certification.

### PREREQUISITES

<table>
<thead>
<tr>
<th>BC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>MAC 1114 Trigonometry</td>
<td>MAC 1114</td>
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<td>OR</td>
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<tr>
<td>MAC 1147 Precalculus Algebra and Trigonometry</td>
<td>MAC 1147</td>
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<tr>
<td>MAC 2311 Calculus and Analytical Geometry I</td>
<td>MAC 2311</td>
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<td>OR</td>
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<tr>
<td>STA 2023 Statistics</td>
<td>STA 2023</td>
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<tr>
<td>CHM 1045 + CHM 1045L General Chemistry I + Lab</td>
<td>CHM 1045 + Lab</td>
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<tr>
<td>CHM 1046 + CHM 1046L General Chemistry II + Lab</td>
<td>CHM 1046 + Lab</td>
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<tr>
<td>PHY 2048 + PHY 2048L General Physics with Calculus I + Lab</td>
<td>PHY 2048 + Lab</td>
</tr>
<tr>
<td>PHY 2049 + PHY 2049L General Physics with Calculus II + Lab</td>
<td>PHY 2049 + Lab</td>
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<tr>
<td>PHY 2053 + PHY 2053L General Physics I + Lab (without Calculus)</td>
<td>PHY 2053 + Lab</td>
</tr>
<tr>
<td>PHY 2054 + PHY 2054L General Physics II + Lab (without Calculus)</td>
<td>PHY 2054 + Lab</td>
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<tr>
<td>ESC 1000 + ESC 1000L Earth Science + Lab</td>
<td>ESC 1000 + Lab</td>
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<td>OR</td>
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<tr>
<td>GLY 1010 + GLY 1010L Physical Geology + Lab</td>
<td>GLY 1010 + Lab</td>
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### ADDITIONAL LOWER DIVISION COURSES

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<thead>
<tr>
<th>BC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>BSC 2011 + BSC 2011L Introduction to Biology II + Lab</td>
<td>BSC 2011 + Lab</td>
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