Geosciences
2023-2024 Palm Beach State College Transfer Guide

College of Arts, Sciences & Education

Degree
- Bachelor of Science in Geoscience

Course Catalog
Majors: Atmospheric Sciences, Geoinformatics, and Geological Sciences

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.
- PHY 2048L/2049L: strongly recommended for Atmospheric Sciences; GLY 1010/L: for Geological Sciences.
- 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.

PREREQUISITES

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>MAC 2311 Calculus with Analytic Geometry 1</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>CHM 1045 + CHM 1045L General Chemistry 1 + Lab</td>
<td>CHM 1045 + Lab</td>
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<tr>
<td>CHM 1046 + CHM 1046L General Chemistry 2 + Lab</td>
<td>CHM 1046 + Lab</td>
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<tr>
<td>PHY 2048 + PHY 2048L General Physics with Calculus 1 + Lab</td>
<td>PHY 2048 + Lab</td>
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<tr>
<td>PHY 2049 + PHY 2049L General 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>PHY 2053 + PHY 2048L General Physics 1 + Lab (without Calculus)</td>
<td>PHY 2053 + Lab</td>
</tr>
<tr>
<td>PHY 2054 + PHY 2049L General Physics 2 + Lab (without Calculus)</td>
<td>PHY 2054 + Lab</td>
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<tr>
<td>ESC 1000 Earth Science*</td>
<td>ESC 1000</td>
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<tr>
<td>GLY 2030C Environmental Geology</td>
<td>GLY 1010 + Lab</td>
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*Lab not offered at PBSC, complete at FIU after transfer.

OR

ADDITIONAL COURSES FOR ATMOSPHERIC SCIENCES MAJOR
- MAC 2313 Calculus with Analytic Geometry 3
- MAP 2302 Differential Equations

ADDITIONAL COURSES FOR GEOINFORMATICS MAJOR
- STA 2023 Statistics

ADDITIONAL COURSES FOR GEOLOGICAL SCIENCES MAJOR
- BSC 1011 + BSC 1011L Principles of Biology 2 + Lab
  OR
  GLY 1101 + GLY 1101L History of Life (complete at FIU)

ADDITIONAL LOWER DIVISION COURSES
- MAC 2312 Calculus with Analytic Geometry 2