Degree

Bachelor of Science in Civil Engineering

Course Catalog

Admission Requirements

- **Academic Progression Standards**
  - Completion of Associate in Arts (AA) degree
  - Completion of all prerequisites with grade of C or higher
  - Cumulative Transfer GPA: 2.0 or higher
  - Earn grade of C or higher in all prerequisites in **two attempts or fewer**
    - Drop/withdrawal **grades** are considered attempts
  - Be Calculus I ready: Completion of MAC 1140 and MAC 1114 or MAC 1147 with grade of C or higher in each course

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 courses below are required for this program. We encourage students to take these courses (as electives) prior to completing the AA.

### PREREQUISITES

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311 Calculus with Analytic Geometry 1</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>MAC 2312 Calculus with Analytic Geometry 2</td>
<td>MAC 2312</td>
</tr>
<tr>
<td>MAC 2313 Calculus with Analytic Geometry 3</td>
<td>MAC 2313</td>
</tr>
<tr>
<td>MAP 2302 Differential Equations</td>
<td>MAP 2302</td>
</tr>
</tbody>
</table>

CHM 1045 + CHM 1045L General Chemistry 1 + Lab

CHM 1045 + Lab

PHY 2048 + PHY 2048L General Physics with Calculus 1 + Lab

PHY 2048 + Lab

PHY 2049 General Physics with Calculus II (Lab not required at FIU)

PHY 2049

### ADDITIONAL LOWER DIVISION COURSES

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLY 1000 Descriptive Geology*</td>
<td>GLY 1010 + Lab</td>
</tr>
</tbody>
</table>

*Lab not offered at PBSC, complete at FIU after transfer.

ETD 2320C Introduction to AutoCAD

EGN 1110C