## Suggested 2-Year Academic Flowchart for Transfer Students

This Transfer Student Flowchart assumes equivalents for the courses below have been transferred to Cal Poly. Anything not transferred in needs to be added to this flowchart, which may result in an additional quarter/s. Check your DPR to verify credit:

<table>
<thead>
<tr>
<th>Course # (Units)</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 141</td>
<td>GE AREA A1</td>
</tr>
<tr>
<td>MATH 142</td>
<td>GE AREA A2</td>
</tr>
<tr>
<td>MATH 143</td>
<td>GE AREA C1</td>
</tr>
<tr>
<td>MATH 241</td>
<td>GE AREA C2</td>
</tr>
<tr>
<td>MATH 244</td>
<td>GE AREA LOWER-DIVISION C ELECTIVE</td>
</tr>
<tr>
<td>PHYS 141</td>
<td>GE AREA D1</td>
</tr>
<tr>
<td>PHYS 133</td>
<td>GE AREA D2</td>
</tr>
<tr>
<td>CHEM 124</td>
<td>GE AREA D Elective</td>
</tr>
<tr>
<td>CHEM 125</td>
<td>GE AREA E</td>
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<tr>
<td>EE 201 &amp; 251</td>
<td></td>
</tr>
<tr>
<td>MATE 210 &amp; 215</td>
<td></td>
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<tr>
<td>ME 211</td>
<td></td>
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<tr>
<td>CPE 101</td>
<td></td>
</tr>
<tr>
<td>ENGL 149 (A3)</td>
<td></td>
</tr>
<tr>
<td>BIO 213 &amp; BMED 213 (B2)</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:

**MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET**

Refer to catalog for course selection.

1. Students with an approved individualized course of study may substitute CSC/CPE 101 with CSC 231 (2 units) plus an additional 2 units of other advisor approved coursework.
2. MATH 350 or MATE 325, 326, 327, and 1 additional unit of an upper-division Technical Elective. If MATH 236 is not taken, then contact ME Department for permission to enroll in ME 350.
3. Refer to current catalog for course selection. Physical Science Electives total 8 units.
4. ENGR 459, 460, 461 (6 units) or 6 units of Senior Project in appropriate engineering discipline.

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### B.S. in GENERAL ENGINEERING

**Individual Course of Study Concentration**

- **Fall YEAR 1**
  - Intro. To Design & Manufacturing
  - Thermodynamics I
  - Fluid Mechanics I
  - Heat Transfer
  - Elective

- **Spring YEAR 1**
  - Interdisciplinary Sr Design Project I
  - Individual Course of Study
  - Elective

- **Fall YEAR 2**
  - Interdisciplinary Sr Design Project II
  - Individual Course of Study
  - Elective

- **Spring YEAR 2**
  - Interdisciplinary Sr Design Project III
  - Individual Course of Study
  - Elective

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### Graduation Writing Requirement (GWR)

(Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)

### Support Courses

- Any GE or Support Course Not Completed

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**Legend:**

- Major
- Support
- Concentration
- General Ed.