### B.S. in ENVIRONMENTAL ENGINEERING

**2022-26 Catalog Unofficial**

#### Suggested 2-Year Academic Flowchart for Transfer Students Admitted Fall 2023

#### Updated 5/4/2023

**Please note:** This flowchart is one example of how students can graduate in 2 years. Many times transfer students need longer than this. We encourage students to use this as a tool in creating their own unique quarter by quarter graduation plan.

#### Unofficial

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>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ MATH 141</td>
<td>☐ GE Area A1</td>
<td>☐ ENVE 426 (3)</td>
</tr>
<tr>
<td>☐ MATH 142</td>
<td>☐ GE Area A2</td>
<td>☐ CHEM 312 (5)*</td>
</tr>
<tr>
<td>☐ MATH 143</td>
<td>☐ GE Area A3</td>
<td>☐ ENVIR Health &amp; Safety Engr</td>
</tr>
<tr>
<td>☐ MATH 241</td>
<td>☐ GE Area A1</td>
<td>☐ ENVE 426 (3)</td>
</tr>
<tr>
<td>☐ MATH 244</td>
<td>☐ GE Area A2</td>
<td>☐ CHEM 312 (5)*</td>
</tr>
<tr>
<td>☐ PHYS 141</td>
<td>☐ GE Area A3</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
<tr>
<td>☐ PHYS 142</td>
<td>☐ GE Area B1 American Institutions</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
<tr>
<td>☐ CHEM 124</td>
<td>☐ GE Area B2 Humanities</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
<tr>
<td>☐ CHEM 125</td>
<td>☐ GE Area C Lower-Division Elective</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
<tr>
<td>☐ CHEM 126</td>
<td>☐ GE Area D Lower-Division Elective</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
<tr>
<td>☐ ME 211</td>
<td>☐ GE Area D Elective</td>
<td>☐ GE Upper-Division C (4)**</td>
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<tr>
<td>☐ CE 113</td>
<td>☐ GE Area E Lower-Division Elective</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
<tr>
<td>☐ CE 204*</td>
<td>☐ GE Area F Ethnic Studies</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
<tr>
<td>☐ CE 207*</td>
<td>☐ ME 304 (3)</td>
<td>☐ GE Upper-Division C (4)**</td>
</tr>
</tbody>
</table>

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**Notes:**

* Refer to current catalog for prerequisites.

** Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C1, Upper-Division C, D1, D Elective, or E

† Course can be taken previously or concurrently.

1. 10 units Technical Electives. See your catalog for course options. Consult advisor.

2. If you have equivalent credit for CE 204 but not CE 207, take CE 207 (2). If you need both, you can take CE 208 (5). This course combines CE 204 (3) & CE 207 (2) to expedite the series.

3. CE 434 (4) can be replaced with either: CE 433 (4) or CE 435 (4) or CE 440 (4)

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**Graduation Writing Requirement ** GWR**

(Must be fulfilled before graduation by either enrolling in a GWR-approved, upper-division English course, which can double-count with the Upper-Division C) OR by completing the GWR Portfolio. GWR courses are searchable on Schedule Builder.)

<table>
<thead>
<tr>
<th>Fall</th>
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<tbody>
<tr>
<td>15</td>
<td>15</td>
<td>16-17</td>
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<tr>
<td>17</td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

Legend:

<table>
<thead>
<tr>
<th>Course # (Units)</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Support</td>
<td></td>
</tr>
<tr>
<td>☐ General Ed.</td>
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</tbody>
</table>

### GE Area

- **GE Area A** Environmental, Safety, & Health Management (ENVE 264)
- **GE Area B** Introduction to the Environmental Engineering Profession (ENVE 111)
- **GE Area C** Environmental Analysis for Sustainability (ENVE 411)
- **GE Area D** Senior Project Design Laboratory I & II (ENVE 439)
- **GE Area E** Sustainable Solid Waste Management (ENVE 465)
- **GE Area A1** Air Quality Engineering (ENVE 325)
- **GE Area A2** Water Resources Engineering (ENVE 336)
- **GE Area A3** Air Pollution Control (ENVE 411)
- **GE Area A4** Environmental Engineering of Operations (ENVE 480)
- **GE Area B1** Foundations of Environmental Engineering (ENVE 331)
- **GE Area B2** Environmental Methods for Engineers (STAT 312)
- **GE Area C1** Programming Applications in Environmental Engineering (CE 251)
- **GE Area C2** Statistical Methods for Engineers (STAT 312)
- **GE Area D1** Environmental Fluid Mechanics (ENVE 264)
- **GE Area D2** Process Thermodynamics (ENVE 304)
- **GE Area D3** Water & Wastewater Treatment Design (ENVE 438)
- **GE Area D4** Geotechnical Engineering (CE 381)
- **GE Area D5** Groundwater and Hydraulic Engineering (CE 434)
- **GE Area D6** Noise & Vibration Engineering (ENVE 455)
- **GE Area D7** Geology & Geophysics (GEOG 101)
- **GE Area D8** Environmental Fluid Mechanics (ENVE 264)
- **GE Area D9** Process Thermodynamics (ENVE 304)
- **GE Area D10** Water & Wastewater Treatment Design (ENVE 438)
- **GE Area D11** Geotechnical Engineering (CE 381)
- **GE Area D12** Groundwater and Hydraulic Engineering (CE 434)
- **GE Area D13** Noise & Vibration Engineering (ENVE 455)
- **GE Area D14** Geology & Geophysics (GEOG 101)
- **GE Area D15** Environmental Fluid Mechanics (ENVE 264)
- **GE Area D16** Process Thermodynamics (ENVE 304)
- **GE Area D17** Water & Wastewater Treatment Design (ENVE 438)
- **GE Area D18** Geotechnical Engineering (CE 381)
- **GE Area D19** Groundwater and Hydraulic Engineering (CE 434)
- **GE Area D20** Noise & Vibration Engineering (ENVE 455)
- **GE Area D21** Geology & Geophysics (GEOG 101)

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**Legend:**

- **Course # (Units)** (Prerequisite)
- **Major**
- **Support**
- **General Ed.**

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22-26 ENVE Transfer 2 years 2023 Admits