### B.S. in MATERIALS ENGINEERING
#### Suggested 2-Year Academic Flowchart for Transfer Students Admitted Fall 2022

#### 2020-2021 Catalog

**Updated 7/12/2022**

**YEAR 1**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATE 110 (1)</td>
<td>MATE 120 (1)</td>
<td>Introduction to Materials Engineering Design</td>
</tr>
<tr>
<td>MATE 245 (1)</td>
<td>MATE 225 (1)</td>
<td>MATE 350 (4)</td>
</tr>
</tbody>
</table>

#### YEAR 2

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Project I</td>
<td>Senior Project II</td>
<td>Senior Project III</td>
</tr>
<tr>
<td>MATE 484 (2)</td>
<td>MATE 488 (2)</td>
<td>MATE 483 (2)</td>
</tr>
</tbody>
</table>

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**Notes:**

- **Most General Education Courses Can Be Taken in Any Order as Long as Prerequisites Are Met**
  - Refer to current catalog for prerequisites.
  - **USCP** requirement can be satisfied by some (but not all) courses within GE categories: C1, Upper-Division C, D1, D2, D Elective, or E.
  - Refer to your catalog for course selection options
  - **Apa** course can be taken previously or concurrently.
  - **Courses** are **listed** in courses with subheadings.

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**Legend:**

- **Major**
- **Support**
- **General Ed.**

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**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:**

- MATH 141
- EE 201
- GE AREA D1
- MATH 142
- EE 251
- GE AREA D2
- MATH 143
- ME 211
- GE AREA D ELECTIVE
- MATH 241
- CE 204
- GE AREA E
- MATH 244
- ENGL 149 (A3)
- PHYS 141
- GE AREA A1
- PHYS 132
- GE AREA A2
- PHYS 133
- GE AREA B2
- CHEM 124
- GE AREA C1
- CHEM 125
- GE AREA C2
- MATE 210
- GE AREA LOWER-DIVISION C ELECTIVE
- MATE 215
- GE AREA LOWER-DIVISION C ELECTIVE

**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 as a tool in creating their own unique quarter by quarter graduation plan.

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**Upper-Division C (4)**

- **(Combine with USCP if have not taken yet)**

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**Course Title**

- **STAT 321 (4)* & IME 315 (3)**
- **IME 144 (4)**
- **IME 326 (4)**

**Course # (Units)**

- **MATH 142**
- **MATH 142**

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**Choose One Series:**

- **STAT 312 (4)** & **IME 315 (3)**
- **IME 144 (4)**

**Any remaining support or GE not transferred in**

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  - **Apa** course can be taken previously or concurrently.
  - Refer to your catalog for course selection options
  - **Junior year elective replaces CSC 231 and MATE 326 & 327 in the 20-21 catalog**