# California State Polytechnic University, Pomona <br> Degree Curriculum Sheet 

Plan (Major) INDUSTRIAL ENGINEERING, B.S.
Subplan/Option $\qquad$
Catalog Year $\quad$ 2017-2018
Minimum Units Required $\qquad$ 194

## Required Support Courses

The following required support courses should be used to satisfy the indicated GE requirements. If these courses are not used to satisfy GE, the total units to degree may be more than 194 units.
CHM 121 - General Chemistry (3) and
CHM 121L - General Chemistry Laboratory (1) (B3)
CHM 122 - General Chemistry (3) and
CHM 122L - General Chemistry Laboratory (1)
EC 201 - Principles of Economics (4) (D2) or
EC 202 - Principles of Economics (4) (D2)
ECE 231/231L - Elements of Electrical Engineering (3/1)
EGR 100/100L - Engineering, Society, and You (3/1) (E)
EGR 481 - Project Design Principles and Applications (2) (B5
EGR 482 - Project Design Principles and Applications (2) (B5)
IME 402 - Ethical Considerations in Technology and Applied Science (4) (C4)
IME 403 - Asset Allocation in Technical Decision Making (4) (D4
MAT 114 - Analytic Geometry and Calculus I (4) (B4)
ME 214 - Vector Statics (3)
ME 218 - Strength of Materials I (3)
MTE 207 - Materials Science and Engineering (3)
PHY 131 - General Physics (3) (B1, B3) and
PHY 131L - General Physics Laboratory (1) (B1, B3)

## Total Units 49

## Elective Support Courses

From an approved list in consultation with an advisor
Total Units 7

## Interdisciplinary General Education

See Interdisciplinary General Education Courses on the back of the Curriculum Sheet.
Total Units 32

Name
Student ID

## General Education Requirements

## Area A Communication \& Critical Thinking (12 units)

1. Oral Communication
2. Written Communication
3. Critical Thinking

## Area B Mathematics \& Natural Sciences (16 units)

1. Physical Science
2. Biological Science
3. Laboratory Activity
4. Math/Quantitative Reasoning
5. Science \& Technology Synthesis

## Area C Humanities (16 units)

1. Visual and Performing Arts
2. Philosophy and Civilization
3. Literature and Foreign Language
4. Humanities Synthesis

## Area D Social Sciences (20 units)

1. U.S. History, Constitution, American Ideals
a. United States History
b. Introduction to American Government
2. History, Economics and Political Science
3. Sociology, Anthropology, Ethnic \& Gender Studies
4. Social Science Synthesis

Area E Lifelong Understanding \& Self Development (4 units)

## Total Units 68

| American Institutions | 8 |
| :--- | :--- |
| Courses that satisfy this requirement may also satisfy GE <br> Area D1 | 8 |

American Cultural Perspectives Requirement
Refer to the University Catalog General Education Program section for a list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.

[^0]| Interdisciplinary General Education |  |
| :--- | :--- |
| An alternate pattern for partial fulfillment of GE Areas A, C, D, and E <br> available for students is the Interdisciplinary General Education (IGE) <br> program. Students should see an advisor for speciicic GE courswork <br> required by their major. Students must be exempt from or score at least <br> 147 on the EPT to qualify for IGE. Please refer to the University Catalog <br> General Education Program section for additional information. |  |
| How IGE fulfills General Education Requirements: |  |
| Year $\quad$ Completion of IGE Courses Satisfies GE Requirements |  |
| Freshman IGE 120, IGE 121, IGE 122 | A2 as well as any 2 courses <br> from C1-C3 |
| Sophomore IGE 220, IGE 221, IGE 222 D1 (8 units) and D3  <br> Junior IGE 223, IGE 224 D2 and Area E |  |


[^0]:    All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the quarter following completion of 120 units for undergraduates.

