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

Plan (Major) PHYSICS
Subplan/Option $\qquad$

Catalog Year 2014-2015
Minimum Units Required $\qquad$ 180

| Required Support Courses |  |
| :---: | :---: |
| Course | Units |
| The following required support courses should be taken to satisfy the indicated GE Requirements to achieve the minimum units to degree listed at the top of this sheet. |  |
| Life Science \& Lab (B2, B3) BIO 110/111L <br> or Foundations of Biology \& Lab (B2, B3) BIO 121/121L | $\begin{gathered} 3 / 1 \\ (3 / 2) \end{gathered}$ |
| General Chemistry \& Lab (B1, B3) CHM 121/121L | 3/1 |
| General Chemistry \& Lab CHM 122/122L | 3/1 |
| General Chemistry \& Lab CHM 123/123L | 3/1 |
| Intro to $\mathrm{C}_{++}$CS 128 | 4 |
| Analytic Geometry \& Calculus I (B4) MAT 114 | 4 |
| Analytic Geometry \& Calculus II MAT 115 | 4 |
| Analytic Geometry \& Calculus III MAT 116 | 4 |
| Calculus of Several Variables I MAT 214 | 3 |
| Calculus of Several Variables II MAT 215 | 3 |
| Differential Equations MAT 216 | 4 |
| Total Units | 42-43 |
| Elective Support Courses |  |
| Course | Units |
| Advanced Electives <br> (To be chosen from upper division courses in Physics or related fields in consultation with advisor; at least 4 of these units must be in Physics). | 12 |
| Total Units | 12 |

## Unrestricted Electives

| Course | Units |
| :--- | :---: |
| Select a sufficient number of courses so that the total from "Required <br> Support", "GE", and "Unrestricted Electives" is at least 99 units. | $0-1$ |
|  | Total Units |
| $\mathbf{0 0 - 1}$ |  |

Name
Student ID
$\qquad$

| General Education Requirements |  |
| :--- | :---: |
| Area | Units |
| Area A Communication \& Critical Thinking | 12 |
| 1. Oral Communication |  |
| 2. Written Communication |  |
| 3. Critical Thinking | 16 |

## Area B Mathematics \& Natural Science <br> Select at least one lab course from subarea 1 or 2.

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

Area C Humanities

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

## Area D Social Sciences

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
Total Units

## American Institutions

Courses that satisfy this requirement may also satisfy GE Area D1

## American Cultural Perspectives Requiremen

Refer to catalog for list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.

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.

