**Physics**

It is the student's responsibility to check the current catalog and [www.assist.org](http://www.assist.org) for articulation agreements and any changes which may occur. Note: Courses listed below may require prerequisite coursework.

<table>
<thead>
<tr>
<th>Cal Poly Pomona</th>
<th>CSU Fullerton</th>
<th>CSU Long Beach</th>
<th>CSU Los Angeles</th>
<th>CSU San Bernardino</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cal Poly Pomona</strong> offers a B.S. in Physics</td>
<td>CSUF offers a B.S. in Physics with an emphasis in -Business</td>
<td>CSULB offers a B.A. in Physics</td>
<td>CSULA offers a B.A. in Physics -General program</td>
<td>CSUSB offers a B.A. in Physics -Applied Physics Option</td>
</tr>
<tr>
<td>PHYS 4A</td>
<td>CHEM 50</td>
<td>PHYS 4B</td>
<td>CHEM 50</td>
<td>CHEM 50</td>
</tr>
<tr>
<td>PHYS 4B</td>
<td>MATH 180</td>
<td>MATH 180*</td>
<td>CHEM 50</td>
<td>CHEM 50</td>
</tr>
<tr>
<td>PHYS 4C</td>
<td>MATH 181</td>
<td>MATH 181*</td>
<td>PHYS 280</td>
<td>MATH 180</td>
</tr>
<tr>
<td><strong>The following major support courses should be used to satisfy General Education requirements. See Cal Poly Pomona catalog.</strong></td>
<td>MATH 280</td>
<td>MATH 280</td>
<td>MATH 180</td>
<td>MATH 180</td>
</tr>
<tr>
<td>BIOL 1 or BIOL 2 + BIOL 4</td>
<td>PHYS 4A</td>
<td>PHYS 4A</td>
<td>MATH 280</td>
<td>MATH 260</td>
</tr>
<tr>
<td>CHEM 50</td>
<td>PHYS 4B</td>
<td>PHYS 4B</td>
<td>PHYS 4A</td>
<td>PHYS 4B</td>
</tr>
<tr>
<td>CHEM 51</td>
<td>PHYS 4C</td>
<td>PHYS 4C</td>
<td>PHYS 4B</td>
<td>PHYS 4C</td>
</tr>
<tr>
<td>CISP 31</td>
<td>CSUF offers an emphasis in Business. See catalog for details.</td>
<td>CSUF offers an emphasis in Business. See catalog for details.</td>
<td>CSUF offers an emphasis in Business. See catalog for details.</td>
<td>CSUF offers an emphasis in Business. See catalog for details.</td>
</tr>
<tr>
<td>MATH 180*</td>
<td>MATH 260 or MATH 285</td>
<td>MATH 260 or MATH 285</td>
<td>MATH 260 or MATH 285</td>
<td>MATH 260 or MATH 285</td>
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<tr>
<td>MATH 280*</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MATH 285* or MATH 290*</td>
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</tbody>
</table>

*Prerequisites to upper division requirements

**Physics is impacted at CPP. See CPP admission website for more details regarding course selection criteria.**

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**Core Requirements for both majors**

- CHEM 50
- CHEM 51
- MATH 180
- MATH 181
- MATH 280
- PHYS 4A
- PHYS 4B
- PHYS 4C

- **Core Requirements for all majors**
  - CHEM 51
  - MATH 180
  - MATH 181
  - MATH 280
  - PHYS 4A
  - PHYS 4B
  - PHYS 4C

- **B.A. in General Physics**
  - MATH 285 or MATH 290

- **B.A. in Physics Astrophysics Option**
  - MATH 285 or MATH 290

- **B.A. in General Physics**
  - MATH 285 or MATH 290

- **B.S. in Physics Biophysics option**
  - BIOL 1 + BIOL 2
  - or
  - BIOL 2 + BIOL 4
  - CHEM 80
  - MATH 285 or MATH 290 (recommended)

Students who wish to prepare for graduate study in physics are advised to include units in French or German.

*Optional lower-division courses. May be satisfied at CSUSB.*