Advice by Fullerton College Course:

**Physics 130** is a course for students who aren't science majors and who need to satisfy a gen ed requirement for a science course with a lab. The prerequisite is Math 20.

**Physics 205-206** is for students in life sciences and allied health. It satisfies your physics requirement if you're a biology major transferring to a Cal State (but not if you're transferring to a UC). The prerequisites are Math 141 (precalculus) and Math 142 (trig).

**Physics 210-211** is similar to 205-206, but it satisfies a requirement for students who want to get a biology degree at a UC (Cal State schools also accept it). Physics 210 has a Math 150A (calculus) corequisite, and 211 has a Math 150B corequisite.

**Physics 221-223** is a three-semester sequence for students majoring in engineering and the physical sciences. It has a calculus prerequisite. It is not intended for students in the life sciences. Life science students who need calculus-based physics should take 210-211.

Advice by Intended Major / Focus:

- **Biology and other life sciences** – Either 205-206 (Cal State schools) or 210-211 (for either a UC or a Cal State).
- **Optometry** – UC Berkeley Optometry and Ketchum University (formerly Southern California College of Optometry) will take 205/206 or 210/211.
- **Physical Therapy** – Some DPT programs want 210-211 rather than 205-206.
- **Architecture** – Physics 205.
- **Engineering** – Physics 221-223.
- **Engineering Technology (not straight engineering)** – You may need either 205 or 210.
- **Physical Sciences** – Physics 221-223. Some chem majors may be able to satisfy their requirement with either the 205-206 or 210-211 series, but this depends on their emphasis and where they want to transfer.
- **Computer Science at a UC** – Some computer science departments at UC want 221-223, but others will accept 205-206 or 210-211.

The above information (last updated 2015) was largely taken from Dr. Ben Crowell's webpage: <http://www.lightandmatter.com/area3phys205.html>. There might be additional information there.