General Physics (BS): Sample Curriculum

**First Year**
- Physics Today I PHYS 122 (1)
- Physics Today II PHYS 123 (1)
- Calculus I MATH 220 (4)
- Fine Arts (2-3)
- Expository Writing I ENGL 100 (3)

**Sophomore Year**
- Physics III PHYS 325 (4)
- Advanced Lab PHYS 506 (4)
- Calculus II MATH 221 (4)
- Elective (5)
- Philosophy (3) other than Logic
- Public Speaking COMM 105 (2) or 106 (3)

**Junior Year**
- EM I PHYS 532 (4)
- Quantum Mechanics PHYS 662 (4)
- Diff. Eq. MATH 240 (4)
- Western Heritage (3)
- Aesthetic Experience and Interpretive Understanding
  - Ethical Reasoning and Responsibility
  - Global Issues and Perspectives
  - Historical Perspectives
  - Human Diversity within the U.S.
  - Social Sciences

**Senior Year**
- Thermo / Stat Phys PHYS 664 (3)
- Elective (3)
- Elective (3)
- Elective (2-3)
- Life Sciences w/ Lab, e.g. Prin. of Biology BIOL 198 (4)

**Notes:**
- All Bachelors Degrees require 120 credits of which 45 must be in upper division courses
- Some advanced physics electives are only offered alternate years; check with the department for availability.
- The following also needs to be considered in the College-level general education requirements:
  - The social science courses need to be from three different disciplines.
  - One social science course must be at 500 level or above, or carry a prerequisite in the same department.
  - One of the general education courses needs to fulfill the International Overlay requirement.
  - The philosophy course cannot be a logic course.

**KEY**
- Course offered only in Fall Term
- Strongly recommended, but not required
- Course offered only in Spring Term
- Course requires a corequisite (arrow enters from side)
- Course required as a co- or prerequisite (arrow enters from rear)

**Total Hours:**
120+