Physics (BS): Sample Curriculum

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

**Sophomore Year**
- Calculus II MATH 221 (4)
- Physics II PHYS 224 (5)
- Physics II PHYS 224 (5)
- Mechanics PHYS 522 (4)
- Expository Writing II ENGL 200 (3)
- Philosophy (5) other than Logic
- Public Speaking COMM 105 (2) or 106 (3)

**Junior Year**
- Calculus III Math 222 (4)
- Calculus III Math 222 (4)
- Diff. Eq. MATH 240 (4)
- Chem I CHM 210 (4)
- Western Heritage (3)
- Literary / Rhetorical Arts (3)

**Senior Year**
- Advanced Physics Elective (3)*
- Advanced Physics Elective (3)*
- Elective (3)
- Elective (3)
- Social Science, upper level or requiring prerequisite (3)

**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 name
- Course No. (credits)
- Strongly recommended, but not required
- Course offered only in Fall Term
- Course offered only in Spring Term
- Course offered in Fall and Spring, and often in Summer
- Course requires a prerequisite (arrow enters from side)
- Course requires a prerequisite (arrow enters from rear)

**Total Hours:** 120+