Physics (BA): 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)
- Expository Writing II ENGL 200 (3)
- Social Science (3)
- Modern Language (5)

Sophomore Year

- Physics III PHYS 325 (4)
- Mechanics PHYS 522 (4)
- Calculus III Math 222 (4)
- Modern Language (5)
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Junior Year

- EM I PHYS 532 (4)
- Quantum Mechanics PHYS 662 (4)
- Elective (3)
- Elective (3)
- Elective (3)
- Elective (3)

Senior Year

- Advanced Physics Elective (3)*
- Advanced Lab PHYS 506 (4)
- Social Science (3)
- Life Sciences w/ Lab (4)
- Adv. Social Science (3)
- Elective (3)
- Elective (3)

Notes:

- Some advanced physics electives are only offered alternate years; check with the department for availability.
- ** The B.A. degree requires completion of a "Level 4" foreign language course (excluding "Conversation 4A" courses) OR completion of two semesters each of two different languages (if one of the languages is only offered for two semesters). The credit hours and course counts may also be reduced if the student directly enters and completes upper-level courses to demonstrate proficiency.
- The BS degree also requires 120 credits; 45 must be in upper division courses.

Total Hours: 120+

The following also needs to be considered in the College-level basic 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 course must meet the International Overlay.
- One course must meet the US Multicultural Overlay.
- The foreign language component fulfills the Western Heritage / Literary Rhetorical Arts requirement.

The following remaining K-State 8 requirements should be considered when selecting courses in History and College-level basic requirements:

- Aesthetic Experience and Interpretive Understanding
- Ethical Reasoning and Responsibility
- Global Issues and Perspectives
- Historical Perspectives
- Human Diversity within the U.S.
- Social Sciences

The courses need to be from at least two different departments.