

2004-2006 Catalog

Graduation Requirements for Bachelor of Science Degree (Engineering-Physics Major)

Name _____ SS# _____

Note: At the beginning of the junior year, each student is entitled to one evaluation free. A charge will be made for additional evaluations.

1. General Requirements

	Required	Has	In Progress
Semester Hours	124-129	_____	_____
Junior-Senior Hours	40	_____	_____

2. Requirements for Admission to a Degree Program

*Cumulative GPA	_____	2.00
Evidence English Proficiency	_____	_____

3. General Education Requirements (36-38 hours)

Composition - (6 hours)

English 1113	_____	_____
English 1123	_____	_____

► Communications - 3 hours

Speech SPCH 1113	_____	_____
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Humanities

6 hours chosen from:

English 2213	_____	_____
English 2223	_____	_____
Foreign Lang -- -3	_____	_____

Fine Arts

6 hours chosen from:

Art 2013	_____	_____
Music 2013	_____	_____
Philosophy 2403	_____	_____

Social Science – 12 hours

History (6 hours required)

*Civilization HIST 1003	_____	_____
*Civilization HIST 1013	_____	_____
**U.S. History HIST 2013	_____	_____
**U.S. History HIST 2023	_____	_____

Other Social Sciences - 6 hours chosen from:

Economics 2103	_____	_____
Geography 2003	_____	_____
Political Sci 2003 and 2013	_____	_____
Psychology 2003	_____	_____
Sociology 1003 or 2003	_____	_____

Biological Science (4 hours)

Biology 1013/1011	_____	_____
Biology 1023/1021	_____	_____
Biology 1033/1031	_____	_____
BSCI 1003/1001	_____	_____

Physical Ed. and Health (2-3 hours)

Health Science 1403	_____	_____
or Wellness 1501	_____	_____
and Physical Educ. 1__1	_____	_____

*Must earn cumulative grade-point average of 2.00 or higher on all courses and in major field.

4. *Major Requirements Physics (30 hours)

Physics 2203/2201	_____	_____
Physics 2213/2211	_____	_____
Physics 3033	_____	_____
Physics 3112/3110	_____	_____
Physics 4043	_____	_____
Physics or 4153	_____	_____
Physics 3054	_____	_____
Physics 4013 or ITEC 4044	_____	_____
Physics 4023 or 3103	_____	_____

*** Senior Capstone Experience 3-4 hrs.

Engineering (15 hours)

Engineering 1022	_____	_____
Engineering 1212	_____	_____
Engineering 2033	_____	_____
Engineering 2143	_____	_____

5 add'l hrs Engineering electives

(From: Engr 2003/2001, 2133/ 2131. AGEN 2012/2011, 3003/3001, ENGR 4931-3, 4941-3, 4951-3)

5. Minor Requirements:

None Required
(Math is strongly recommended as minor)

6. Other Requirements (24 hours)

Chemistry 1023/1021	_____	_____
Chemistry 1123/1121	_____	_____
Mathematics 1023	} or	_____
Mathematics 1033		_____
Mathematics 1045	_____	_____
Mathematics 1525	_____	_____
Mathematics 1545	_____	_____
Mathematics 3033***	_____	_____

6 hours Computer Science selected from:

Computer Sci 2103	_____	_____
Computer Sci 2113	_____	_____

or higher level computer science

7. Electives (12-16 at junior-senior level)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

***Capstone experience selected from PHYS 4591-2, 4691-2, 4791-3, 4891-3, and 4991-3.

► Communication required for students entering fall 2005

*3 hours World Studies _____

**3 hours U.S. History or American Government _____

Degree Plan Expires _____

Any errors noted on this evaluation must be reported immediately to the Registrar's Office. Students transferring from two-year collegiate institutions may transfer a maximum of 68 semester hours to the SAU Campus. Courses taken at a lower level which are offered at the upper division level at SAU normally cannot be accepted for upper division credit unless validated satisfactorily. These courses do not count toward the forty required junior-senior hours. Twenty-four of the last thirty hours must be in residency. CLEP, credit by exam or correspondence courses do not count as resident work. Not more than a total of six hours of activity credit nor more than four semester hours in any one activity may be counted to graduation. **Read Your Catalog.** Students must provide acceptable scores on English Proficiency, CAAP, and the ETS Physics Exam.

Student's Signature _____ date _____

Advisor's Signature _____ date _____

Dean's Signature _____ date _____

Office of the Registrar _____ date _____