2006-2007 **CATALOG**

**GRADUATION REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN MATHEMATICS**
**PLUS THE MINOR IN COMPUTER SCIENCE**

**NAME** _____ **SS#** _____ **DATE** _____

**1. GENERAL REQUIREMENTS**

| | Req | Has | Needs |
|---|---|---|---|
| Semester Hours | 124 | | |
| Jr / Sr Hours | 40 | | |

**2. REQUIREMENTS FOR ADMISSION TO A DEGREE PROGRAM**

| | | |
|---|---|---|
| Cumulative GPA | | |
| Evidence of English Proficiency | | |

**3. GENERAL EDUCATION REQUIREMENTS (36-37 hours)**

**Humanities (18 hours)**

Composition (6 hours)

| | | | |
|---|---|---|---|
| English | 1113 | | |
| English | 1123 | | |

►**Communications - 3 hours**

| | | | |
|---|---|---|---|
| Speech | 1113 | | |

Literature / Philosophy (6 hours )

| | | | |
|---|---|---|---|
| English | 2213 | | |
| English | 2223 | | |
| Philosophy | 2403 | | |

Fine Arts / Foreign Language (6 hours)

| | | | |
|---|---|---|---|
| Art | 2013 | | |
| Music | 2013 | | |
| 3 hours Foreign Language | | | |

(Art and Music required for Education majors)

Biological Science (4 hours)

| | | | |
|---|---|---|---|
| General Science | 1013/1011 | / | / |
| Biology | 1013/1011 | / | / |
| Biology | 1023/1021 | / | / |
| Biology | 1033/1031 | / | / |

**Social Science – 12 hours**

**6 hours required:**

| | | | |
|---|---|---|---|
| *Civilization | HIST 1013 | | |
| *Civilization | HIST 2013 | | |
| **U.S. History | HIST 2013 | | |
| **U.S. History | HIST 2023 | | |

**6 hours required:**

| | | | |
|---|---|---|---|
| Economics | ECON 2003 | | |
| Geography | GEOG 2003 | | |
| Political Science | PSCI 2003 | | |
| Psychology | PSYC 2003 | | |
| Sociology | SOC 1003 or 2003 | | |

**Physical Ed. and Health (2-3 hours)**

| | | | | |
|---|---|---|---|---|
| | Health Science | 1403 | | |
| **or** | Wellness | 1501 | | |
| **and** | Physical Educ. | 1__1 | | |

**Mathematics (3 hours)**

Met in major requirements

►**Communication required for students entering fall 2005**

***3 hours World Studies** _____

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

Degree Plan Expires _____

**4. MAJOR REQUIREMENTS: MATHEMATICS (37 hours)**

Required (25 hours)

| | | Has | Needs |
|---|---|---|---|
| Mathematics | 1525 | | |
| Mathematics | 1545 | | |
| Mathematics | 2563 | | |
| Mathematics | 2753 | | |
| Mathematics | 3033 | | |
| Mathematics | 3063 | | |
| Mathematics | 3083 | | |

Elective: Jr / Sr level (12 hours) - choose from Mathematics 4003, 4023, 4033, 4043, 4073, 4123, 4613

| | | | |
|---|---|---|---|
| Mathematics | | | |
| Mathematics | | | |
| Mathematics | | | |
| Mathematics | | | |
| Mathematics | | | |

**5. SPECIFIC DEGREE REQUIREMENTS**

Bachelor of Science (6-9 hours)

| | | | | |
|---|---|---|---|---|
| | Computer Science | 2103 | | |
| and | Computer Science | | | |
| | (Sophomore level or above) | | | |

or 6 hours of a Foreign Language at the university level or above in addition to Computer Science 2103

| | | | |
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**6. OTHER REQUIREMENTS (8 hours)**

**Natural Science (8 hours)**

| | | | |
|---|---|---|---|
| Chemistry | 1013/1011 | / | / |
| Chemistry | 1113/1111 | / | / |
| or | | | |
| Chemistry | 1023/1021 | / | / |
| Chemistry | 1123/1121 | / | / |
| or | | | |
| Physics | 2203/2201 | / | / |
| Physics | 2213/2211 | / | / |

**7. MINOR REQUIREMENTS: COMPUTER SCIENCE (21 hours)**

| | | | |
|---|---|---|---|
| Mathematics | 2033 | | |
| Computer Science | 2103 | | |
| Computer Science | 2113 | | |
| Computer Science | 3063 | | |
| Computer Science | 3103 | | |
| Computer Science | 3203 | | |
| Computer Science | 4133 | | |

**8. MINOR REQUIREMENTS: _____ (OTHER)**

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**9. ELECTIVES: FREE (0-18 HOURS)**

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Must earn a cumulative GPA of 2.00 or higher on all courses taken in major field. Successfully completing the English Profiency requirement or completing GSTD 1603-Review Composition, with a grade of C or above is a graduation requirement for all students who enter the university.

Any errors noted on this evaluation must be reported to 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 of any one activity may be counted to graduation. **Read your Catalog.**

Student: _____ Date: _____ Advisor: _____ Date:

Dean: _____ Date: _____ Registrar: _____ Date: