

SECONDARY EDUCATION CONCENTRATION

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

NAME \_\_\_\_\_

**GENERAL EDUCATION FALL 2008 - Approved S07**

**GROUP I: English and Literature - 2 COURSES**

- A. ENGL 103 (Grade of "C" or better) **OR** 4 \_\_\_\_\_  
HONORS 111 (if in Honors Program)
- B. Literature (in either English or Modern Languages) 4 \_\_\_\_\_

**GROUP II: History - 2 COURSES**

- A. HISTORY 101, 102 or 103 4 \_\_\_\_\_
- B. HISTORY 101, 102 or 103 or a History Course above 103 4 \_\_\_\_\_

**GROUP III: Humanities and Social Sciences - 3 COURSES FROM 3 DIFFERENT AREAS**

- A. **Select one course from one of the following six areas:**  
Art Communications, Dance, OR Theater Arts, Modern Languages, Music, Philosophy (HONR 211 if in Honors Program)  
\_\_\_\_\_ CMAT 250 4 \_\_\_\_\_
- B. **Select one course from one of the following six areas:**  
Anthropology, Conflict Analysis and Dispute Resolution OR Sociology, Economics, Human Geography, Political Science, Psychology. (HONR 112 if in Honors Program)  
\_\_\_\_\_ PSYCH 101 4 \_\_\_\_\_
- C. Select one course from either Group III A or III B (course may not be from the same area area selected for III A or III B)  
\_\_\_\_\_ 3/4 \_\_\_\_\_

**GROUP IV: Natural Science, Math and Computer Science - 4 COURSES**

- A. **Select courses with laboratories from at least two of the following four areas (totaling at least six credit hours):**  
Biology, Chemistry, Geology or Physical Geography, Physics  
\_\_\_\_\_ 4 \_\_\_\_\_  
\_\_\_\_\_ 4 \_\_\_\_\_
- B. Satisfied by Major
- C. Satisfied by Major

**GROUP V: Health Fitness - 1 COURSE**

Complete PHEC 106 Personalized Hlth/Fitness 3 \_\_\_\_\_

**EDUCATION REQUIREMENTS**

- Foundations
- \*EDUC 210 School in a Diverse Soc 3 \_\_\_\_\_
- \*EDUC 300 Development & Learning 3 \_\_\_\_\_
- PRAXIS I Competence Tests:  
Reading: (min. score 177)  
Writing: (min. score 173)  
Math: (min score 177)
- PRAXIS II - Content Knowledge
- PRAXIS II - Pedagogy

**ACADEMIC MAJOR - Mathematics**

*MATH	201 Calculus I	4	_____
*MATH	202 Calculus II	4	_____
*MATH	210 Discrete Math	4	_____
*MATH	213 Statistical Thinking ◇	3	_____
*MATH	214 Statistics Laboratory	1	_____
*MATH	306 Linear Algebra	4	_____
*MATH	310 Calculus III	4	_____
*MATH	406 Geometric Structures	3	_____
*MATH	441 Abstract Algebra I	3	_____
*MATH	451 Analysis I	3	_____
*MATH	460 Operations Research <b>OR</b>		
*MATH	465 Math Models & Applications	3	_____
*MATH	430 Math Cnnectn Sec Sch Tchrs	4	_____
*COSC	117 or 120 Programming Fundamentals or Computer Programming I	4	_____

**PROFESSIONAL PROGRAM**

A student is eligible for the **Methods Semesters** after:

1. completing an application for formal admission to the Professional Program by November 1 for Spring or April 1 for Fall ; and
2. completing 56 college credits (including ENGL 101, ENGL 102, CMAT 250, EDUC 210 and EDUC 300) with a minimum 2.50 GPA, including transfer courses; and GPA \_\_\_\_\_
3. completing at least 12 credits in the academic major (including transfer credit) with a minimum 2.75 GPA GPA \_\_\_\_\_
4. passing the PRAXIS I Competency Tests; and
5. furnishing 3 recommendations from departments other than the Education Department.

**Methods Semester I** (Jr year) - 7 or 9 credits

	*SCED 367 Inclusive Instruction	3	_____
[Spring only]	*SCED 373 Math & Reading, Part I	3	_____
	*EDUC 318 Computers in Ed. <b>OR</b>		
	*EDUC 319 Technology in Ed.	3 or 1	_____
	SCED 339 - SE/K-12 Methods Visitation required with any Methods course	0	_____

**Methods Semester II** (Fall - Sr year) - 3 credits

	SCED 473 Math & Reading, Part II	3	_____
	SCED 339 - SE/K-12 Methods Visitation required with any Methods course	0	_____

A student is eligible for **Student Teaching** after:

1. completing the methods semesters with a minimum 2.75 GPA in all professional education courses [10 or 12 c.h. of EDUC/SCED courses] (with no grade below C); and GPA \_\_\_\_\_
2. completing 90 college credits with a minimum 2.50 GPA, including transfer courses; and GPA \_\_\_\_\_
3. completing at least 24 credits in the academic major, including transfer courses, with a minimum 2.75 GPA ; and GPA \_\_\_\_\_
4. furnishing 2 recommendations from faculty in the Education Department and 1 from the major advisor.

**Student Teaching** - 15 credits

	SCED 426 Dir Tchg Sec	6	_____
	SCED 428 Dir Tchg Sec	6	_____
	*SCED 433 Reflection & Inquiry	3	_____

**ELECTIVES: chosen to bring the total to 120 c.h.**

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\* Must be completed with a grade of "C" or better.  
◇ Substitution requires departmental approval.

**NOTE: TRANSFER STUDENTS MAJORING IN MATHEMATICS ARE REQUIRED TO COMPLETE AT LEAST 12 CREDIT HOURS OF APPROVED UPPER-DIVISION MATH COURSES AT SALISBURY UNIVERSITY.**

