

**CATALOG YEAR 2006-2008**  
**(Please use separate form for each add/change)**

COLLEGE/SCHOOL : College of Arts and Sciences

Current Catalog Page(s) Affected 126 & 93

**Program:** Add: \_\_\_\_\_ Change: X Attach new/changed Program of Study description and 4-year plan. If in current catalog, copy and paste the text from the and indicate changes in red.

Justification: In order to reduce the degree to 120 hours the following changes were made in the courses within the degree and the sequence in which some of the courses are listed in the degree plan.

Changes include: Soc/Behavioral Science is replaced with PSCY 2301 Introduction to Psychology which is a prerequisite for PSYC 2312 Developmental Psychology. Math 2412 Pre-Calculus replaces Math 1314 College Algebra and Math 1316 Trigonometry. Four hours of advanced biology elective and four hours of advanced chemistry elective have been replaced with six hours of science elective.

Page 93

**Degree Requirements for the BSIS with a Major in Science with Grades 4-8 Certification**

1. **Hours Required:** A minimum of ~~127~~**121** semester credit hours (SCH): 45 hours must be advanced, and fulfillment of degree requirements as specified in the "Requirements for Graduation" section of this catalog.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "Requirements for Graduation".
3. **Math Elective:** ~~3~~ **6** SCH designated as MATH ~~1316~~, 1350, and 1351.
4. ~~Field of Study~~**Social Sciences:** ~~12~~ **6** SCH including: SOCI 3310, ~~Math 1350, 1351~~, and PSYC 2312.
5. **Major:** **43** SCH and the 8 SCH of Natural Sciences (BIOL 1406 and CHEM 1411) taken as part of the core. Requirements from the ~~three-four~~-science areas include: **Earth and Space Science** - 8 SCH from ASTR 1311/1111 or 1312/1112 and EPSC 1370/ 1170; **Life Science** – 4 SCH from BIOL 1411, 1413, or 2421, and 8 SCH from BIOL 3410, 3413 and 4 SCH of ~~advanced Biology electives~~; and **Physical Science** – 4 SCH from PHYS 1370/1170, and **Chemical Science** – 8 SCH from CHEM 1412, 2423. ~~and 4 SCH of advanced CHEM electives; and 3 SCH from any advanced science.~~ An additional 7 SCH may be taken from upper level Biology, Chemistry or Geology courses (no more that 2 hours of undergraduate research may be included (BIOL 4173-4473, ENSC 4173-4473, GEOL 4173-4473)).

6. **Professional Development:** 21 SCH including: EDCI [3301](#), [3302](#), [3305](#), [4993](#) and EDDP [4324](#).
7. **Support Area:** 6 SCH, EDRD [3309](#) and EDRD [3320](#).

Page 126

**BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES  
MAJOR IN SCIENCE  
WITH GRADES 4TH-8TH CERTIFICATION**

*\*See [Appendix A](#) Core Curriculum and Optional Course Information.*

FALL				HOURS SPRING				HOURS			
FRESHMAN YEAR				FRESHMAN YEAR							
BIOL	1406	<a href="#">Cell&amp;Molecular Biology</a>	4	BIOL		<a href="#">Biology Elective<sup>1</sup></a>	4				
CHEM	1411	<a href="#">General Chemistry I</a>	4	CHEM	1412	<a href="#">General Chemistry II</a>	4				
ENGL	1301	<a href="#">English Composition I</a>	3	ENGL	1302	<a href="#">English Composition II</a>	3				
HIST	1301	<a href="#">The U.S. to 1877</a>	3	PSCI	2306	<a href="#">American State Govt</a>	3				
				HIST	1302	<a href="#">The U.S. Since 1877</a>	<u>3</u>				
Total			14				17				
SOPHOMORE YEAR				SOPHOMORE YEAR							
ASTR		<a href="#">Earth&amp;Space Science<sup>2</sup></a>	4	EPSC	1370	<a href="#">Survey of Earth Science</a>	3				
CHEM	2423	<a href="#">Organic Chemistry</a>	4	EPSC	1170	<a href="#">Earth Science Lab</a>	1				
PSCI	2305	<a href="#">American National Govt</a>	3	MATH	2412	<a href="#">Pre-Calculus</a>	4				
PSCY	2301	<a href="#">Introduction to Psychology</a>	3	ENGL		<a href="#">Survey of Literature*</a>	3				
		<a href="#">Visual/Performing Arts*</a>	<u>3</u>	PSYC	2312	<a href="#">Developmental Psy</a>	3				
Total			17				14				
JUNIOR YEAR				JUNIOR YEAR							
		<a href="#">Advanced Science Elec</a>	4	BIOL	3413	<a href="#">Intro to Genetics</a>	4				
SOCI	3310	<a href="#">Sociology of Education</a>	<u>3</u>	BIOL	3410	<a href="#">Ecology</a>	4				
PHYS	1370	<a href="#">Survey of Physical Science</a>	3	EDCI	3301	<a href="#">Public School Teaching</a>	3				
PHYS	1170	<a href="#">Physical Science Lab</a>	1	EDCI	3302	<a href="#">Language Acq&amp;Develop</a>	3				
MATH	1350	<a href="#">Foundations of Math I</a>	3	MATH	1351	<a href="#">Foundations of Math</a>	3				

## II

	Activity/Wellness	<u>1</u>	
<b>Total</b>		<b>15</b>	<b>17</b>

### SENIOR YEAR

EDRD	3309	<a href="#">Teaching Rdg in Schools</a>	3
ENGL	2311	<a href="#">Technical Writing</a>	3
EDDP	4324	<a href="#">Teaching Div Stu Pop</a>	3
EDCI	3305	<a href="#">Methods, Mgt&amp;Discipline</a>	3
		Advanced Science Elec <sup>3</sup>	3

**Total** **15**

### SENIOR YEAR

EDRD	3320	<a href="#">Content Reading</a>	3
EDCI	4993	<a href="#">Teaching Internship</a>	<u>9</u>

**12**

**TOTAL SEMESTER CREDIT HOURS: ~~127~~121**

<sup>1</sup>Select 4 SCH from BIOL [1411](#), [1413](#) or [2421](#).

<sup>2</sup>Earth & Space Science, select 4 SCH from ASTR [1311/1111](#) or ASTR [1312/1112](#).

<sup>3</sup> **No more that 2 hours of undergraduate research may be included (BIOL 4173-4473, ENSC 4173-4473, GEOL 4173-4473).**

Approvals:

Signature

Date

Chair  
Department Curriculum Committee

\_\_\_\_\_

\_\_\_\_\_

Chair  
Department

\_\_\_\_\_

\_\_\_\_\_

Chair  
College Curriculum Committee

\_\_\_\_\_

\_\_\_\_\_

Dean

\_\_\_\_\_

\_\_\_\_\_