

CATALOG YEAR 2006-2008

(Please use separate form for each add/change)

COLLEGE/SCHOOL : College of Arts and SciencesCurrent 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.

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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](#).

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**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 Cell&Molecular Biology	4	BIOL Biology Elective¹	4
CHEM 1411 General Chemistry I	4	CHEM 1412 General Chemistry II	4
ENGL 1301 English Composition I	3	ENGL 1302 English Composition II	3
HIST 1301 The U.S. to 1877	3	PSCI 2306 American State Govt	3
		HIST 1302 The U.S. Since 1877	<u>3</u>
Total	14		17
SOPHOMORE YEAR		SOPHOMORE YEAR	
ASTR Earth&Space Science²	4	EPSC 1370 Survey of Earth Science	3
CHEM 2423 Organic Chemistry	4	EPSC 1170 Earth Science Lab	1
PSCI 2305 American National Govt	3	MATH 2412 Pre-Calculus	4
PSCY 2301 Introduction to Psychology	3	ENGL Survey of Literature*	3
Visual/Performing Arts*	<u>3</u>	PSYC 2312 Developmental Psy	3
Total	17		14
JUNIOR YEAR		JUNIOR YEAR	
Advanced Science Elec	4	BIOL 3413 Intro to Genetics	4
SOCI 3310 Sociology of Education	<u>3</u>	BIOL 3410 Ecology	4
PHYS 1370 Survey of Physical Science	3	EDCI 3301 Public School Teaching	3
PHYS 1170 Physical Science Lab	1	EDCI 3302 Language Acq&Develop	3
MATH 1350 Foundations of Math I	3	MATH 1351 Foundations of Math	<u>3</u>

II

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

SENIOR YEAR

EDRD 3309	Teaching Rdg in Schools	3
ENGL 2311	Technical Writing	3
EDDP 4324	Teaching Div Stu Pop	3
EDCI 3305	Methods, Mgt&Discipline	3
	Advanced Science Elec ³	3

SENIOR YEAR

EDRD 3320	Content Reading	3
EDCI 4993	Teaching Internship	<u>9</u>

Total	15	12
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TOTAL SEMESTER CREDIT HOURS: ~~127~~121

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

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

³No 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	_____	_____