

CATALOG YEAR 2006-8
(Please use separate form for each add/change)

COLLEGE/SCHOOL : College of Arts and Sciences

Current Catalog Page(s) Affected 97 & 83-84

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: State requires that degree plans be reduced to 120 hours when possible. There are no hidden prerequisites - there are four required freshman and sophomore biology courses, and three required freshman and sophomore chemistry courses to meet the requirements for upper level biology courses. Further reduction of the degree will result in going below the 45 hour rule. This is a joint degree with the College of Education, and involves courses required by both colleges. Due to the special requirements of both Colleges it is necessary to exceed the 120 hour rule.

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Degree Requirements for the BA with a Major in Biology with Grades 8-12 Certification

1. **Hours Required:** A minimum of ~~126~~**122** 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:** **8** SCH designated as MATH [2412](#) and [2413](#).
4. **Major:** ~~40~~**36** SCH and the 8 SCH of BIOL [1406](#) and [1411](#) taken as part of the core. Additional lower-level requirements include BIOL [1413](#) and [2421](#). Advanced requirements include BIOL [3410](#) and [3413](#) and ~~2420~~ SCH selected from BIOL [3403](#), [3404](#), [3406](#), [3407](#), [3412](#), [3414](#), [3416](#), [3451](#), [4170](#), [4402](#), [4404](#), [4408](#), [4409](#), [4420](#), [4420](#), [4425](#), [4440](#), [4441](#), [4173-4473](#), [4371-4471](#), ENSC [3310](#), [4170](#), [4173-4473](#), [4310](#) or [4430](#). BIOL [4173-4473](#) may be repeated for up to 8 SCH of credit within the degree program.
5. **Supporting Field:** **12** SCH in one discipline. CHEM [1411](#), [1412](#) and [2423](#) strongly suggested.

6. **Professional Development: 21 SCH** including: EDCI [3301](#), [3302](#), [3305](#), [4993](#) and EDDP [4324](#).
7. **Support Area: 3 SCH** of EDRD [3320](#).

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**BACHELOR OF ARTS
MAJOR IN BIOLOGY
WITH GRADES 8th -12th CERTIFICATION**

Following is one suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment. Students are responsible for reviewing the Program of Study Requirements.

*See Appendix A Core Curriculum and Optional Course Information.

FALL	HOURS	SPRING	HOURS
FRESHMAN YEAR		FRESHMAN YEAR	
BIOL 1406 Cell&Molecular Biology	4	BIOL 1411 General Botany	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
PSCI 2305 American National Govt	3	MATH 2412 Pre-Calculus	4
HIST 1301 The U.S. to 1877	3	HIST 1302 The U.S. Since 1877	3
Total	17		18
SOPHOMORE YEAR		SOPHOMORE YEAR	
BIOL 2421 Microbiology	4	BIOL 1413 General Zoology	4
CHEM 2423 Organic Chemistry I	4	BIOL 3410 Ecology	4
MATH 1342 Introductory Statistics	3	PSCI 2306 American State Govt	3
ENGL Survey of Literature*	3	Activity/Wellness*	1
MATH 2413 Calculus I	4	ENGL 2311 Technical Writing	3
Total	18		15
JUNIOR YEAR		JUNIOR YEAR	
BIOL Advanced Biology Elec1	4	BIOL 3413 Intro to Genetics	4
BIOL Advanced Biology Elec1	4	BIOL Advanced Biology Elec1	4
Advanced Biology Elec1	4	EDCI 3301 Public School Teaching	3
Soc/Behavioral Science*	3	EDCI 3302 Language Acq&Develop	3
Visual/Performing Arts*	3		
Total	18 14		14
SENIOR YEAR		SENIOR YEAR	
BIOL Advanced Biology Elec1	4	EDRD 3320 Content Reading	3
BIOL Advanced Biology Elec1	4	EDCI 4993 Field Perf & Induction	9
EDDP 4324 Teaching Div Stu Pop	3		
EDCI 3305 Methods,Mgt&Discipline	3		
Total	14		12

TOTAL SEMESTER CREDIT HOURS: ~~126~~ 122

1Biology electives, select 24 SCH from BIOL 3403, 3406, 3407, 3412, 3414, 3416, 3451, 4170,

4173-4473, 4402, 4404, 4408, 4409, 4420, 4425, 4440, 4441, 4371-4471, ENSC 3310, 4170, 4173-4473, 4310, or 4430. BIOL 4173-4473 may be repeated for up to 8 SCH for credit within the degree.

Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean	_____	_____