



CATALOG YEAR 2014-2015
(Please use separate form for each add/change)

COLLEGE/SCHOOL : College of Arts and Sciences

Current Catalog Page(s) Affected:

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 [on-line catalog](#) and indicate changes in red.

Degree Requirements for the BS with a Major in Biology

1. Hours Required: A minimum of 124 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: 4 SCH designated as MATH 1342 and MATH 2413 and 1 SCH surplus credit from core.

3401,3405

4. Major: 48 SCH and the 7 SCH of BIOL 1306/1106 and 1311 taken as part of the core. Additional lower-level requirements: BIOL 1111, 1413 and 2421. Advanced requirements include BIOL 3406, 3410, 3412, 3413, 4170 and 22 SCH selected from BIOL 3403, ~~3404~~, 3407, 3414, 3416, 3425, 3451, 4170, 4402, 4404, 4408, 4409, 4420, 4425, 4430, 4440, 4441, 4460, 4173-4473, 4371-4471, ENSC 3310, 3401, ~~4170~~, 4173-4473, 4410 or 4430. BIOL 4173-4473 may be repeated for up to 8 SCH of credit within the degree program.

5. Supporting Sciences Curriculum: 24 SCH including CHEM 1311, 1111, ~~1412~~, 2423, 2425, and PHYS 1301, 1101, 1302 and 1102.

6. Electives: 6 SCH at the 3000-4000 level.

Changes in green from UCC150.

Justification: **Corrections to CHEM 1412.**

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

**BACHELOR OF SCIENCE
MAJOR IN BIOLOGY**

Following is **one** suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment; responsible for reviewing the **Program of Study Requirements**; and must meet **foreign language** and **writing intensive course** requirements for graduation. See Academic Regulations-Undergraduate online.

*See *Appendix A Core Curriculum and Optional Course Information*.

FALL	HOURS	SPRING	HOURS
FRESHMAN YEAR		FRESHMAN YEAR	
BIOL 1306 Principles of Biology I	3	BIOL 1311 Principles of Biology II	3
BIOL 1106 Principles of Biology I Lab	1	BIOL 1111 Principles of Biology II Lab	1
CHEM 1311 General Chemistry I	3	CHEM 1412 General Chemistry II	4
CHEM 1111 General Chemistry I Lab	1	CHEM 1112 General Chemistry II Lab	1
ENGL 1301 English Composition I	3	ENGL 1302 English Composition II	3
PSCI 2305 American National Govt	3	MATH 2412 Pre-Calculus	4
UNIV 1101 Learning in a Global Context I	<u>1</u>	UNIV 1102 Learning in a Global Context II	<u>1</u>
Total	15		16
SOPHOMORE YEAR		SOPHOMORE YEAR	
BIOL 1413 Principles of Biology III	4	BIOL 2421 Microbiology	4
CHEM 2423 Organic Chemistry I	4	CHEM 2425 Organic Chemistry II	4
MATH 1342 Introductory Statistics	3	PSCI 2306 American State Govt	3
ENGL Language, Philosophy, Culture*	3	ENGL 2311 Technical Writing	3
HIST 1301 The U.S. to 1877	<u>3</u>	HIST 1302 The U.S. Since 1877	<u>3</u>
Total	17		17
JUNIOR YEAR		JUNIOR YEAR	
BIOL 3406 Evolution	4	BIOL 3410 Ecology	4
BIOL 3413 Intro to Genetics	4	BIOL 3412 Cell Biology	4
PHYS 1301 General Physics I	3	PHYS 1302 General Physics II	3
PHYS 1101 Physics I Lab	1	PHYS 1102 Physics II Lab	1
	<u>3</u>	Soc/Behavioral Science*	<u>3</u>
Total	15		15
SENIOR YEAR		SENIOR YEAR	
BIOL Restricted Biology Elec ¹	4	BIOL Restricted Biology Elec ¹	4
BIOL Restricted Biology Elec ¹	4	BIOL 4170 Biology Seminar	1
BIOL Restricted Biology Elec ¹	4	BIOL Restricted Biology Elec ¹	4
	<u>3</u>	BIOL Restricted Biology Elec ¹	2
Total	15	Advanced Elective	<u>3</u>
			14

TOTAL SEMESTER CREDIT HOURS: 124

¹Restricted Advanced Biology electives: select 22 SCH from BIOL 3403, 3404, 3407, 3414, 3416, 3451, 4170, 4402, 4404, 4408, 4409, 4420, 4425, 4440, 4441, 4173-4473, 4371-4471; ENSC 3310, 3401, 4170, 4173-4473, 4310 or 4430. BIOL 4173-4473 may be repeated for up to 8 SCH of credit within the degree program.

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