



College Document # 83R  
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Date Received \_\_\_\_\_

**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.

**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, ~~1112~~, 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.*

<b>FALL</b>			<b>HOURS</b>	<b>SPRING</b>			<b>HOURS</b>
<b>FRESHMAN YEAR</b>				<b>FRESHMAN YEAR</b>			
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	<del>CHEM 1112</del>	<del>General Chemistry II Lab</del>	<del></del>	<del>1</del>
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>
<b>Total</b>			<b>15</b>				<b>16</b>
<b>SOPHOMORE YEAR</b>				<b>SOPHOMORE YEAR</b>			
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>
<b>Total</b>			<b>17</b>				<b>17</b>
<b>JUNIOR YEAR</b>				<b>JUNIOR YEAR</b>			
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
		Creative Arts*	<u>3</u>			Soc/Behavioral Science*	<u>3</u>
<b>Total</b>			<b>15</b>				<b>15</b>
<b>SENIOR YEAR</b>				<b>SENIOR YEAR</b>			
BIOL		Restricted Biology Elec <sup>1</sup>	4	BIOL		Restricted Biology Elec <sup>1</sup>	4
BIOL		Restricted Biology Elec <sup>1</sup>	4	BIOL	4170	Biology Seminar	1
BIOL		Restricted Biology Elec <sup>1</sup>	4	BIOL		Restricted Biology Elec <sup>1</sup>	4
		Advanced Elective	<u>3</u>	BIOL		Restricted Biology Elec <sup>1</sup>	2
<b>Total</b>			<b>15</b>			Advanced Elective	<u>3</u>
							<b>14</b>

**TOTAL SEMESTER CREDIT HOURS: 124**

<sup>1</sup>Restricted 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.*