



**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 BA with a Major in Biology**

**1. Hours Required:** A minimum of **125** 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 1 SCH surplus credit from core.

**4. Major:** **45** SCH and the **4** SCH of BIOL 1306/1106 taken as part of the core and 8 SCH of BIOL 1311/1111, 1413 or 2421. Advanced requirements include 9 SCH of BIOL 3410, 3413, 4170 and 24 SCH selected from BIOL 3403, 3404, 3406, 3407, 3412, 3414, 3416, 3425, 3451, 4170, 4402, 4404, 4408, 4409, 4420, 4425, 4430, 4440, 4441, 4460, 4173-4473, 4371-4471, ENSC 3310, 3401, 4173-4473, 4410 or 4430. BIOL 4173-4473 may be repeated for up to 8 SCH of credit within the degree program. 3401

3405

**5. Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See Appendix C. Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, outside the College of Nursing and Health Sciences.

**6. Supporting Sciences Curriculum:** **17** SCH and the **3** SCH of CHEM 1311/~~1111~~ and ~~1312~~ taken as part of the core and CHEM 1111, 1412, 2423, 2425 and PHYS 1301/1101, ~~and PHYS 1302/1102.~~

**7. General Elective:** 3 SCH at any level. It is recommended of students applying for medical school or other advanced programs requiring physics that the elective be PHYS 1302. An additional course of PHYS 1102 will be required outside of the degree plan.

Change in green from UCC149.

Justification: Changes to degree to match new core. **Corrections to CHEM 1412. Return hours to 125. Recommend Physics II for an elective even though they will have to take an extra hour outside the degree plan to meet the requirements of the course.**

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

**BACHELOR OF ARTS  
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*.

\*\* See *Appendix C* for approved list of minors and requirements. Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, outside the College of Nursing and Health Sciences.

<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		Biology Elective <sup>1</sup>	4
BIOL	1106	Principles of Biology I 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>			
CHEM	2423	Organic Chemistry I	4	CHEM 2425		Organic Chemistry II	4
BIOL		Biology Elective <sup>1</sup>	4	MATH 1342		Introductory Statistics	3
HIST	1301	The U.S. to 1877	3	HIST 1302		The U.S. Since 1877	3
PSCI	2306	American State Govt	3			Soc/Behavioral Science*	3
ENGL		Language, Philosophy, Culture*	<u>3</u>	ENGL 2311		Technical Writing	3
<b>Total</b>			<b>17</b>				<b>16</b>
<b>JUNIOR YEAR</b>				<b>JUNIOR YEAR</b>			
BIOL	3413	Intro to Genetics	4	BIOL 3410		Ecology	4
BIOL	4170	Biology Seminar	1	BIOL		Advanced Biology Elec <sup>2</sup>	4
PHYS	1301	General Physics I	3	<del>PHYS 1302</del>	<del>General Physics II</del>	<del></del>	<del>3</del>
PHYS	1101	General Physics Lab	1	<del>PHYS 1102</del>	<del>General Physics Lab</del>	<del></del>	<del>1</del>
		Minor/Gen Elective**	3			General Elective <sup>3</sup>	3
		Creative Arts*	<u>3</u>			Minor/Gen Elective**	<u>3</u>
<b>Total</b>			<b>15</b>				<b>13</b>
<b>SENIOR YEAR</b>				<b>SENIOR YEAR</b>			
BIOL		Advanced Biology Elec <sup>2</sup>	4	BIOL		Advanced Biology Elec <sup>2</sup>	4
BIOL		Advanced Biology Elec <sup>2</sup>	4	BIOL		Advanced Biology Elec <sup>2</sup>	4
		Adv Minor/Gen Elective**	3	BIOL		Advanced Biology Elec <sup>2</sup>	4
		Adv Minor/Gen Elective**	3			Adv Minor/Gen Elective**	<u>3</u>
		Adv Minor/Gen Elective**	<u>3</u>				
<b>Total</b>			<b>17</b>				<b>15</b>

**TOTAL SEMESTER CREDIT HOURS: 125**

<sup>1</sup>Biology electives, select 8 SCH from BIOL 1311/1111, 1413 or 2421.

<sup>2</sup>Advanced Biology electives, select 24 SCH from BIOL 3403, 3404, 3406, 3407, 3412, 3414, 3416, 3451, 4170, 4173-4473, 4371, 4402, 4404, 4408, 4409, 4420, 4425, 4440, 4441, 4471, ENSC 3310, 3401, 4170, 4173-4473, 4310, or 4430. BIOL 4173-4473 may be repeated for up to 8 SCH for credit within the degree.

<sup>3</sup> General Elective is a free elective at any level, but it is recommended of students applying for medical school or other advanced programs requiring physics that the elective be PHYS 1302. An additional course of PHYS 1102 will be required outside of the degree plan.

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