



Full
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CATALOG YEAR 2015-2016
(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 **126** 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: 4 SCH of BIOL 1306/1106, 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 3401, 3403, 3405 3407, 3414, 3416, 3425, 3451, 4170, 4402, 4404, 4408, 4409, 4420, 4425, 4430, 4440, 4441, 4460, **4470, 4475**, 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.
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 7 SCH of CHEM 1311/1111 and 1312 taken as part of the 42 SCH core and CHEM 1112, 2423, 2425, PHYS 1301/1101, and PHYS 1302/1102.

Justification: Changes in courses for advanced electives.

Approvals:

Chair
 Department Curriculum Committee

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**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.

FALL	HOURS	SPRING	HOURS
FRESHMAN YEAR		FRESHMAN YEAR	
BIOL 1306 Principles of Biology I	3	BIOL Biology Elective ¹	4
BIOL 1106 Principles of Biology I Lab	1		
CHEM 1311 General Chemistry I	3	CHEM 1312 General Chemistry II	3
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	
CHEM 2423 Organic Chemistry I	4	CHEM 2425 Organic Chemistry II	4
BIOL Biology Elective ¹	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
Total	17		16
JUNIOR YEAR		JUNIOR YEAR	
BIOL 3413 Intro to Genetics	4	BIOL 3410 Ecology	4
BIOL 4170 Biology Seminar	1	BIOL Advanced Biology Elec ²	4
PHYS 1301 General Physics I	3	PHYS 1302 General Physics II	3
PHYS 1101 General Physics Lab	1	PHYS 1102 General Physics Lab	1
Minor/Gen Elective**	3	Minor/Gen Elective**	<u>3</u>
Creative Arts*	<u>3</u>		
Total	15		15
SENIOR YEAR		SENIOR YEAR	
BIOL Advanced Biology Elec ²	4	BIOL Advanced Biology Elec ²	4
BIOL Advanced Biology Elec ²	4	BIOL Advanced Biology Elec ²	4
Adv Minor/Gen Elective**	3	BIOL Advanced Biology Elec ²	4
Adv Minor/Gen Elective**	3	Adv Minor/Gen Elective**	<u>3</u>
Adv Minor/Gen Elective**	<u>3</u>		
Total	17		15

TOTAL SEMESTER CREDIT HOURS: 126

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

²Advanced Biology electives, select 24 SCH from BIOL 3401, 3403, 3405 3407, 3414, 3416, 3425, 3451, 4170, 4402, 4404, 4408, 4409, 4420, 4425, 4430, 4440, 4441, 4460, 4470, 4475, 4173-4473, 4371-4471, 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.

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