

**BIOLOGY**  
Bachelor of Science  
2011-2012 Catalog Year

**This 4-Year Plan is only a suggested guide for planning course selections.**

Official course selections should be made with the guidance of an academic advisor and will depend on an individual student's situation. Specific information regarding majors, minors, course descriptions, policies and procedures can be found in the university catalog.

	FALL		SPRING	
<b>YEAR I</b>	ENG1000: Introduction to Academic Writing	4	IDS1600: Culture, Diversity, and Expression	4
	MTH1100: College Algebra	3	BIO1220: Biology of Organisms w/ lab	4
	BIO1210: Biology of Cells w/ lab	4	CHM1320: General Chemistry II w/ lab	4
	CHM1310: General Chemistry w/ lab	4	MTH1310: Pre-Calculus	4
	<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>16</b>
<b>YEAR II</b>	ENG2010: Composition II	4	IDS2000: Wellness and Social Responsibility	4
	CHM2410: Organic Chemistry I w/ lab	4	CHM2420: Organic Chemistry II w/ lab	4
	Biology Selected Course	4	* MTH 2210: Calculus I (4) - Fall & Spring <b>OR</b> MTH2120: Calc. for Mgt and Sciences (3) - Every other year <b>OR</b> MTH2700: Statistics for Research (3) - Spring only	3-4
	General Education Course (KO, AP)	3-4	General Education Course (KO, AP)	3-4
	<b>Total Semester Hours</b>	<b>15-16</b>	<b>Total Semester Hours</b>	<b>14-16</b>
<b>YEAR III</b>	PHY2210: Physics I w/ lab	4	PHY2220: Physics II w/lab	4
	BIO3150: Invertebrate Biology w/ lab <b>OR</b> BIO3250: Vertebrate Biology w/ lab	4	BIO3400: Genetics	4
	Biology Selected Course	4	Biology Selected Course	4
	NSM3100WI: Research and Writing in NS (WI)	3	3000/4000 Level General Education Course (KO, AP)	3-4
	<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>15-16</b>
<b>YEAR IV</b>	NSM4990: Senior Capstone in Nat. Sci. (fall or spring)	3	BIO3270: Plant Physiology w/ lab <b>OR</b> Elective (if not taking BIO3260: Comparative Botany in Fall)	4
	General Education Course (KO, AP)	3-4	General Education Course (KO, AP) or Elective	3-4
	BIO3260: Comparative Botany w/ lab <b>OR</b> Elective (if not taking BIO3270: Plant Physiology in Spring)	4	Biology Course or Elective	4
	Biology Course or Elective	4	Biology Course or Elective	4
	<b>Total Semester Hours</b>	<b>14-15</b>	<b>Total Semester Hours</b>	<b>16</b>

NOTES
<b>Selected BIO Courses:</b> BIO2830/3830/4830: Directed Study, BIO3940/4940: Internship in Biology, BIO3970: Research in Biology, BIO3980/4980: Independent Study, or BIO3790: ACCA Affiliated Course
* Students need to complete MTH2120: Calculus for Mgt and Sciences, MTH2210: Calculus I, or MTH2700: Statistics for Research; MTH2120 or MTH2210 are for students looking at going to graduate/medical school
KO = Knowing Ourselves and Others A and B ONW = Our Natural World AP = Aesthetic and Philosophical Expression A and B

NOTES
Student must complete 30 semester hours at the 3000 level or above, of which 15 semester hours must be completed at Aurora University.
Last 24 semester hours of degree must be completed at Aurora University, including at least 18 semester hours in the major.
WI indicates the required 3000-level Writing Intensive course for the major.

If you have questions about this major, contact **Travis Ramage** in the Crouse Center for Student Success at (630) 844-6870.

