

BIOLOGY
Bachelor of Science
2010-2011 Catalog

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	
YEAR I	ENG1000: Preparatory & Introductory Composition	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
	Total Semester Hours	15	Total Semester Hours	16
YEAR II	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 OR MTH2120: Calc. for Mgt and Sciences (3) - Every other year OR MTH2700: Statistics for Research (3) - Spring only	3-4
	General Education Course (KO, ONW, AP)	3-4	General Education Course (KO, ONW, AP)	3-4
	Total Semester Hours	15-16	Total Semester Hours	15-16
YEAR III	PHY2210: Physics I w/ lab	4	PHY2220: Physics II w/lab	4
	BIO3150: Invertebrate Biology w/ lab OR BIO3250: Vertebrate Biology w/ lab	4	BIO3400: Genetics	4
	Biology Selected Course	4	Biology Selected Course	4
	General Education Course (KO, ONW, AP)	3-4	3000/4000 Level General Education Course (KO, ONW, AP)	3-4
	Total Semester Hours	15-16	Total Semester Hours	15-16
YEAR IV	NSM4990: Senior Capstone in Nat. Sci. (fall or spring)	3	BIO3270: Plant Physiology w/ lab OR Elective	4
	NSM3100WI: Research and Writing in NS (WI)	3	(if not taking BIO3260: Comparative Botany in Fall)	
	BIO3260: Comparative Botany w/ lab OR 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
	Total Semester Hours	14	Total Semester Hours	16

NOTES
Selected BIO Courses: 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.

