

Biology Bachelor of Science Checklist (Fall 2015 or later)		
	DONE	NEED
Four units of BIOL required :		
BIOL 110 Exploring Biology		
BIOL 180 Exploring Diversity in Biology		
BIOL 190 Exploring Unity in Biology		
BIOL 470 Senior Thesis -OR-		
BIOL 480 Senior Seminar -OR-		
BIOL 496 Honors Project		
Five upper division courses (200-level or above), with two of the five chosen from Group A and two from Group B (listed under "Biology Theme Group Courses" below). At least three of the five upper-division courses must be at the 300-level or higher and at least three of the five must have six hours/week of lecture and lab.		
1st course		
2nd course		
3rd course		
4th course		
5th course		
Five additional requirements: Completion of these is required for enrollment in 300 and 400 BIOL courses.		
CHEM 111 GENERAL CHEMISTRY I		
CHEM 112 GENERAL CHEMISTRY II		
INQ 240 STATISTICAL REASONING or HRNS 240		
MATH 115 QUANTITATIVE BIOLOGY		
PHYS 102 INTRODUCTORY PHYSICS FOR LIFE SCIENCES		
Final Unit required:		
Any additional BIOL courses listed in Theme Group Courses		
Any additional CHEM course (200 level or above)		
Any additional PHYS course (104 or above)		
Any additional MATH course (118 or above)		
Any additional STAT or CPSC course		
Any additional ENSC course (ENSC 265 requires approval)		
Biology Theme Group Course Options		
Group A Courses		
BIOL 205 - General Ecology		
BIOL 225 - History of Life		
BIOL 235 - Microbiology		
BIOL 240 - Algae & Fungi		
BIOL 245 - Special Topics (as determined by the department)		
BIOL 246 - Special Topics (as determined by the department)		

BIOL 265 - Plant Diversity
BIOL 270 - Invertebrate Biology
BIOL 275 - Vertebrate Biology
BIOL 280 - Animal Biology
BIOL 290 - Parasitism
BIOL 300 - Aquatic Ecology
BIOL 330 - Community Ecology
BIOL 355 - Biogeography and Systematics
BIOL 340 - Animal Behavior
BIOL 345 - Special Topics (as determined by the department)
BIOL 346 - Special Topics (as determined by the department)
BIOL 415 - Evolution
Group B Courses
BIOL 210 - Cell Biology
BIOL 245 - Special Topics (as determined by the department)
BIOL 246 - Special Topics (as determined by the department)
BIOL 260 - Human Anatomy & Physiology II
BIOL 305 - Principles of Physiology
BIOL 310 - Comparative Animal Physiology
BIOL 315 - Genetics
BIOL 345 - Special Topics (as determined by the department)
BIOL 346 - Special Topics (as determined by the department)
BIOL 365 - Plant Anatomy & Physiology
BIOL 370 - Immunology
BIOL 380 - Advanced Genetics
BIOL 390 - Advanced Cell Biology
BIOL 400 - Molecular Biology
BIOL 410 - Genomics
BIOL 420 - Developmental Biology