

BA BIOLOGY - General Program Requirements and Electives for All Bio Majors

(This major consists of 55-56 credits total, 25-28 credits of Upper Division)

	Course Title	Lect Grade	Lab Grade	FAU	Credits
Required Courses (Biology Core) - 47-49 credits					
	Biological Principles & Lab			BSC 1010 & L	4
	Biodiversity & Lab			BSC 1011 & L	4
*	General Chemistry I & Lab			CHM 2045 & L	4
*	General Chemistry II & Lab			CHM 2046 & L	4
*	Organic Chemistry I			CHM 2210	3
*	Organic Chemistry II			CHM 2211	3
	Physical Science			PSC2121	3
	Calculus			MAC 2233 or 2311	3
	Exp. Design or Bio Stats			PSY 3234/STA 3173	3
Choose 3 minimum from this area: (if a fourth is taken it will apply to elective area below)					
	Evolution			PCB 3674	3
	Genetics			PCB 3063	4
	Cell Biology			PCB 3023	3
	Principles of Ecology			PCB 4043	3
BIOLOGY ELECTIVES (SELECT 15 CREDITS)					
	Biochemistry 1			BCH 3033	3
	Biochemistry 2 OR Biochemistry Lab			BCH 3034 OR BCH 3103L	3
	Vascular Plant Anatomy and Lab			BOT 3223, 3223L	4
	Marine Botany and Lab			BOT 4404, 4404L	4
	Principles of Plant Physiology and Lab			BOT 4503, 4503L	4
	Plant Biotechnology			BOT 4734C	3
	Life of a Biologist			BSC 2844	1
	Conservation Biology			BSC 3052	3
	Molecular Genetics of Aging			BSC 4022	3
	Biotechnology 1 Lab / 2 Lab			BSC 4403L, 4427L	2/ea
	Concepts in Bioinformatics			BSC 4434C)	3
	Biology of Cancer			BSC 4806	3
**	Directed Independent Study			BSC 4905	
	Comparative Animal Behavior			CBH 4024	3
	Organic Chemistry Lab			CHM 2211L	2
	Critical Thinking in Environmental Science			EVS 4021	3
	General Microbiology and Lab			MCB 3020, 3020L	4
	Medical Bacteriology			MCB 4203	3
	Marine Biodiversity and Lab			OCB 4032, 4032L	4
	Marine Biology and Lab			OCB 4043, 4043L	4
	Marine Microbio & Molecular Bio and Lab			OCB 4525, 4525L	4
	Marine Ecology and Lab			OCB 4633, 4633L	4
	Marine Science			OCE 4006	4
	Issues in Human Ecology			PCB 3352	3
	Human Morphology & Function 1 and Lab			PCB 3703, 3703L	4
	Human Morphology & Function 2 and Lab			PCB 3704, 3704L	4
	Genetics Lab			PCB 4067L	3
	Immunology			PCB 4233	3
	Freshwater Ecology and Lab			PCB 4301, 4301L	4
	Molecular Genetics			PCB 4522	4
	Genes and Development			PCB 4594	3
	Comparative Animal Physiology and Lab			PCB 4723, 4723L	4
	Cellular Neuroscience and Disease			PCB 4842	3
	Practical Cell Neuroscience			PCB 4843C	3
	Biological Basis of Behavior			PSB 3002	3
	Computer Lab in Psychopharmacology			PSB 3002L	3
	Lab in Psychobiology			PSB 4004L	3
	Biological Basis of Behavior 2			PSB 4006	3
	Neuropsychology			PSB 4240	3
	Human Psychophysiology			PSB 4323	3
	Psychopharmacology			PSB4444	3
	Developmental Psychobiology			PSB4504	3
	Neurobiology of Learning & Memory			PSB 4810	3

