

BS BIOLOGY

(This major consists of 68-69 credits total, 31-34 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
	College or General Physics I			PHY 2053 or 2048	4
	General Physics I Lab			PHY 2048L	1
	College or General Physics II			PHY 2054 or 2049	4
	General Physics II Lab			PHY 2049L	1
	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 4674	3
	Genetics			PCB 3063	4
	Molecular & Cell Biology			PCB 4023	3
	Principles of Ecology			PCB 4043	3
BIOLOGY ELECTIVES (SELECT 21 CREDITS)					
	Biochemistry 1			BCH 3033	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 Taxonomy and Lab			BOT 4713, 4713L	4
	Plant Biotechnology			BOT 4734C	3
	Biotechnology 1 Lab / 2 Lab			BSC 4403L, 4427L	2/ea
	Biology of Cancer			BSC 4806	3
	Directed Independent Study			BSC 4905	
	Honors Thesis Research 1			BSC 4917	3
	Honors Thesis Research 2			BSC 4918	3
	Special Topics			BSC 4930	
	Organic Chemistry Lab			CHM 2211L	2
	General Microbiology and Lab			MCB 3020, 3020L	4
	Medical Bacteriology			MCB 4203	3
	Microbial Ecology			MCB 4603	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
	Immunology			PCB 4233	3
	Molecular Genetics			PCB 4522	4
	Comparative Animal Physiology and Lab			PCB 4723, 4723L	4
	Reproductive Endocrinology			PCB 4803	3
	Cellular Neuroscience and Disease			PCB 4842	3
	Practical Cell Neuroscience			PCB 4843C	3
	Invertebrate Zoology and Lab			ZOO 2203, 2203L	5
	Functional Bio of Marine Animals & Lab			ZOO 4402, 4402L	4
	Ornithology and Lab			ZOO 4472, 4472L	4
	Comparative Vert Morphogenesis and Lab			ZOO 4690, 4690L	5
	Other:				

Spring / Summer 3
Fall / Summer 2

Advising Notes

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NOTES:

11-14 cr of Upper
Division General
Electives Required

Important:

*Need a C- or better in ALL courses (*FAU Chemistry sequence requires a C or better to take the next course in the sequence)

*Maximum of 5 credits in DIS *Credits over 10 years old will not apply *75% of Upper Division must come from major department @ FAU

*45 credits of upper division coursework is required (min. 120 cr. total)

(26 cr. Min UD Bio @ FAU)