

Biology – ProTeach M.Ed. Content Requirements

General Coursework

	Course	Title	Credits
Choose 1	MAC 2311	Analytic Geometry & Calculus I	4
	MAC 2233	Survey of Calculus	4
	MAC 2312	Calculus 2	4
	STA 2023	Introduction to Statistics I	3
		Total	14

Biology Coursework

	Course	Title	Credits
	BCS 2010 & BCS 2010L	Integrated Principles of Biology I	4
	BCS 2010 & BCS 2011L	Integrated Principles of Biology II	4
Choose 1	PCB 4723C	Animal Physiology	5
	PET 2320C	Applied Human Anatomy with Lab	4
	PET 2350C	Applied Human Physiology	4
	ZOO 3713C	Functional Vertebrate Anatomy	4
Choose 1	ENY 3005C	Principles of Entomology	3
	ZOO 2203C	Invertebrate Zoology	4
Choose 1	WIS 3402C	Wildlife of Florida	3
	ZOO 2303C	Vertebrate Zoology	4

Choose 1	FOR 3153C	Forest Ecology	3
	PCB 3034	Introduction to Ecology	3
	PCB 3601	Plant Ecology	3
	PCB 4044C	General Ecology	4
Choose 1	AGR 3303	Genetics	3
	PCB 3063	Genetics	4
	MCB 3020	Basic Biology of Microorganisms	3
	MCB 3020L	Microorganisms Lab	2
Choose 1	BOT 2010C	Introductory Botany	3
	BOT 2011	Plant Diversity	3
	BOT 2710	Practical Plant Taxonomy	3
	BOT 3151C	Local Flora	3
	FNR 3131C	Dendrology/Forest Plants	4
		Total	29-33

Chemistry Coursework

	Course	Title	Credits
	CHM 2045	General Chemistry & Qual Analysis (or equivalent)	3
	CHM 2045L	General Chemistry Lab	1
	CHM 2046	General Chemistry & Qual Analysis	3
	CHM 2046L	General Chemistry Lab	1
Choose 1	CHM 2200CHM 2200L	Basic Organic Chemistry & Lab	4
	BCH 3023	Elem. Organic & Biology Chemistry	3

		Total	11-12
Physics Coursework			
	Course	Title	Credits
Choose 1	PHY 2053	Physics 1	10
	PHY 2053L	Physics Lab	
	PHY 2054	Physics 2	
	PHY 2054L	Physics Lab	
	PHY 2004	Applied Physics I	8
	PHY 2004L	Lab for Physics	
	PHY 2049	Applied Physics II	
	PHY 2049L	Lab for Physics	
		Total	8-10