Anna M. Tucker

Relevant Coursework

Wildlife Biologist (GS-0486)

At least 9 semester hours of training applicable to wildlife biology in such subjects as mammalogy, ornithology, animal ecology, wildlife management, principles of population dynamics, or related course work in the field of wildlife biology

Total Credit Hours = 19

University	Course Number	Course Name	Credit Hours
Loyola University Maryland	BL 350	Biology of Mammals with Lab	5
Loyola University Maryland	BL 201	Ecology, Evolution, and Biodiversity	3
Virginia Commonwealth University	BIOL 691	Population Dynamics	3
Auburn University	WILD 7250	Wildlife Population Analysis	3
Auburn University	WILD 7970	Avian Ecology and Management	2
Auburn University	WILD 7930	Habitat Selection, Use, and Occupancy	3

  ;
At least 12 semester hours in zoological subjects such as invertebrate zoology, vertebrate zoology, comparative anatomy of the vertebrates, embryology, animal physiology, entomology, herpetology, parasitology, and genetics

Total Credit Hours = 15

University	Course Number	Course Name	Credit Hours
Loyola University Maryland	BL 316	Comparative Physiology with Lab	5
Loyola University Maryland	BL 251	Forensic Entomology with Lab	5
Virginia Commonwealth University	BIOL 516	Population Genetics	3

  ; *At least 9 semester hours in the field of botany and related plant science*

Total Credit Hours = 9

University	Course Number	Course Name	Credit Hours
Loyola University Maryland	BL 310	Botany with Lab	5
Loyola University Maryland	BL 121/126	Organismal Biology with Lab	4

  ; *At least 15 semester hours of training in any combination of two or more of the following: chemistry, physics, mathematics, statistics, soils, and/or geology*

Total Credit Hours = 30

University	Course Number	Course Name	Credit Hours
Loyola University Maryland	CH 101	General Chemistry I	3
Loyola University Maryland	CH 102	General Chemistry II	3
Loyola University Maryland	CH 301	Organic Chemistry I	3
Loyola University Maryland	CH 302	Organic Chemistry II	3
Loyola University Maryland	ST 265	Biostatistics	3
Loyola University Maryland	PH 101	Introductory Physics I	3
Loyola University Maryland	PH 102	Introductory Physics II	3
Virginia Commonwealth University	BIOS 543	Statistical Methods I	3
Virginia Commonwealth University	BIOS 544	Statistical Methods II	3
Auburn University	MATH 1610	Calculus	3

Ecologist (GS-0408)

At least 9 semester hours or the equivalent in ecology

Total Credit Hours = 17

University	Course Number	Course Name	Credit Hou
Loyola University Maryland	BL 201	Ecology, Evolution, and Biodiversity	
Virginia Commonwealth University	BIOL 691	Population Dynamics	
Auburn University	WILD 7250	Wildlife Population Analysis	
Auburn University	WILD 7970	Avian Ecology and Management	
Auburn University	WILD 7930	Habitat Selection, Use, and Occupancy	
Auburn University	FOWS 6220	Landscape Ecology	

  ; *At least 12 semester hours or the equivalent in physical and mathematical sciences*

Total Credit Hours = 34

University	Course Number	Course Name	Credit Hours
Loyola University Maryland	BL 121/126	Organismal Biology with Lab	4
Loyola University Maryland	CH 101	General Chemistry I	3
Loyola University Maryland	CH 102	General Chemistry II	3
Loyola University Maryland	CH 301	Organic Chemistry I	3
Loyola University Maryland	CH 302	Organic Chemistry II	3
Loyola University Maryland	ST 265	Biostatistics	3
Loyola University Maryland	PH 101	Introductory Physics I	3
Loyola University Maryland	PH 102	Introductory Physics II	3
Virginia Commonwealth University	BIOS 543	Statistical Methods I	3
Virginia Commonwealth University	BIOS 544	Statistical Methods II	3
Auburn University	MATH 1610	Calculus	3

Other Relevant Coursework

University	Course Number	Course Name	C
Auburn University	WILD 7970	Adv. Techniques in Wildlife Population Analysis	
Virginia Commonwealth University	BIOL 691	Population Modeling	
Virginia Commonwealth University	ENVS 521	Intro to Geographic Information Sciences	
Virginia Commonwealth University	URSP 625	Spatial Database Management and GIS Modeling	
Auburn University	WILD 7970	Intro to Structured Decision Making	
Auburn University	FISH 7350	Meta-analysis	
Auburn University	FISH 7540	Quantitative Techniques in Fisheries Assessment	
Auburn University	WILD 7970	Applied Ecological Modeling	
Auburn University	WILD 7970	Intro to Bayesian Modeling	