

The Living Desert *Master Desert Naturalist Certification* Worksheet

Participant Name : _____

Directions: Find the classes you have taken and circle the hour credits associated with each class. (Don't forget to make a note of the class date.) Subtotal each section in the boxes provided, paying close attention to hour and/or class requirements.

ClassID	Class Name	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Date Taken
Section A	EARTH SCIENCE									
NS303(b) NH303	Geology of the Coachella Valley and Surrounds	3								
NS 305/ NH 203	Weather of the Coachella Valley	3								
NS 308	History Water in Southern California	3								
NS 315	Understanding Earthquakes									
NS350	Geology of Anza-Borrego	3								
G 301	Soils of the Coachella Valley	3								
Section B	ZOOLOGY									
NS 108	Migratory Birds of the C.V. and Morongo Basin		3							
NS 109/ N 109	Birds in the Coachella Valley – An Introduction		3							
NS 112/ E 107/ G 210	Land of the Small / The Natural History of Desert Insects Entomology-the Natural History of Desert Insects		3							
NS 113	Spiders, Solpugids & Scorpions		3							
NS 114	Venom		3							
NS 115	Adaptive Animal Morphology		3							
NS 304b	Coachella Valley Native Mammals		3							
NS 304c	Coachella Valley Native Reptiles		3							
NS 310/ NH 103	Endangered Species of the C.V. and Beyond / Endangered Animals of the Southwest		3							
NH 102	Desert Animals of CA. and the Southwest		3							
Section C	BOTANY									
NS 200	Getting to Know Our Native Plants			3						
NS 201	Our Desert Plants – Coachella Valley Native Plants			3						
NS 204	Mojave Desert Native Plants			3						
NS 206	Desert Native Plants: I.D. & Usages			3						
NS 306	Native Americans and the Cactus			3						
NS 311	Surrounded by Ancients			3						
G 101	Basic Botany			3						
G 116	Desert Annual and Perennials			3						
Section D	ANTHROPOLOGY									
NS 307/ NH307(a)	History of the Santa Rosa Mts.....Shumway Ranch				3					
NS 330(a)	Deserts of the World				3					
NS 330b	Desert Peoples of the World				3					
NS 341	Plants & Animals in the Cahuilla Universe				3					
NS 342	The Cahuilla: An Overview				3					
NS 345	Indigenous Pottery of the Desert Southwest				3					
Section E	ECOLOGY									
NS 302	Desert Sand Dunes					3				
NS 304	Animals in Native American Ways of Life					3				
NS 401	Basics of Ecology					3				
NS 402	Ecology of a Palm Oasis					3				
SECTIONS A-E HOUR SUBTOTALS										HOURS
A	Total Earth Science hours (<i>6 hrs. minimum</i>)									
B	Total Zoology ... hours (<i>6 hrs. minimum</i>)									
C	Total Botany hours (<i>6 hrs. minimum</i>)									
D	Total Anthropology hours (<i>3 hrs. minimum</i>)									
E	Total Ecology hours (<i>6 hrs. minimum</i>)									
A – E	Add Hour Totals for Sections A-E Minimum 39 Total Hours for these sections									

Required Minimums for Sections A-E are listed to equal 27 hours.

You must choose an additional 12 hours of Naturalist classes (Sections A-E) to reach the 39 hour Total minimum for Naturalist Classes

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Certification will not happen automatically.

ClassID	Class Name	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Date Taken
Section F	FIELD EXPERIENCE & NATURALIST SKILLS								
A 107(a)	Illustrating Nature						3		
A 107b	Scientific Illustration - Desert Wildflowers						3		
A 310	Journaling with Nature						3		
N2 /NS2 NS 102*	Creating a Backyard Habitat Garden (*NS 102 applies here for 5/1/04 offering, only)						3		
NS 301(a) N 5	Tracking and Observation in Nature						3		
NS 301b	Tracking and Observation Lab						3		
NS 321	Beautiful Butterflies						3		
VT <i>any</i> or NS402b	Valley Trek Series (Credit applies one time only) (Indian Canyons Interpretive Hike)						3		
NS 403	Palms to Pines						3		
NS 800	Desert Interpretive Hike/Walk Series (Credit applies one time only)						3		
Section G	ELECTIVES								
A 200	Photographing Nature at TLD							3	
A 306	Exploring the Desert with Words							3	
G 3	Maintaining Your Backyard Habitat							3	
G 105(a)	Desert Accent Plants in Your Desert Landscape							3	
G 114(a)	Propagation of Native Plants From Seed							3	
G 114b	Propagation of Native Plants From Cuttings							3	
G 115	Intro to Pest Management in Desert Gardens							3	
G120	Water Management & Irrigation in a Desert Garden							3	
G 121	Plant Placement and Irrigation							3	
G 201/ L 201	Desert Trees for Landscapes							3	
G 202	Ecology in Desert Landscapes							3	
G 203/ L 203	Desert Shrubs & Vines for Landscape							3	
G 213	Pest and Weed Management in a Desert Garden							3	
G 216	Growing Desert Wildflowers							3	
G 316	Wildflowers of the Coachella Valley Tour							3	
G 401	African Acacias							3	
G 800	Coachella Valley Garden Tour (<i>credit applies one time only</i>)							3	
NS 6	Bats in Desert Ecology and Gardens							3	
NS 20	Wildlife in Your Backyard Habitat							3	
NS 100/ N 10	Tortoise Care & Adoption							3	
NS 101	Animal First Aid							3	
NS 104	Practical Animal Nutrition							3	
NS 110	Attracting Birds to your Desert Backyard Habitat							3	
NS 116	Desert Bees							3	
NS 202	Dates and Date Palms							3	
NS 203	Trail Plant ID							3	
NS 280	Hiking Basics							3	
NS 300/ NH 300	Walking Through Geologic Times @ TLD							3	
NS 303a	The Basics of Geology							3	
NS 303c	Coachella Valley Geology – Field Trip							3	
NS 309	Desert Hiking With Spirit							3	
NS 319	Starry, Starry Night: Astronomical Discovery							3	
NS 320	Naked Eye Astronomy							3	
NS 323	Dragonflies							3	
NS 400	The Natural History & Recovery of the Mexican Wolf							3	
NS 700	Zoo Exhibitory							3	
NH 107	Traditional Cahuilla Uses of Native Plants							3	
NH 110	Contemporary and Indian Uses of Local Native Flora							3	
NH 111	Using Gifts from Native Plants							3	
NH307(b)	History of Shumway Ranch II: Geology							3	
SECTION SUBTOTALS									
A – E	Total for these sections from page 1 Minimum 39 Total Hours for these sections								
F	Total Field Exp. & Skills hours (9 hrs. minimum) <i>Move hour total to last column</i>								
G	Total Electives hours (12 hrs. minimum) <i>Move hour total to last column</i>								
Total Hours	Hour Totals from last Column (60 hrs. minimum) ALL SECTION MINIMUMS MUST BE MET TO QUALIFY AS MASTER DESERT NATURALIST								

ALL SECTION MINIMUMS MUST BE MET

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