

# Park Academy Schedule 2008

	Date	Day	Time	Series	Class Title	Outcomes - what student will learn	Target Audience	extra spots open to	Instructor/Agency	Max. #	Location
1	1/22/2008	T-F		Com	<b>NPS Interp. Training</b>	How to create and present an effective interpretive or educational program.	interns, staff	voluntters who teach	NPS		
2	1/31/2008	Thu	9-12pm	Field	<b>Riparian restoration using willows</b>	Learn techniques for use of willows pieces in riparian restoration. Poles, stakes, wattles, mattress.	Interns	staff, volunteers	Brian Hildebidle (Restoration Coor - Mountain Lake), Ryan Gerlach (Shelterbelt Restoration)	15	PN Dragonfly Crk
3	2/7/2008	Thu	9-11am	NR	<b>Restoration Ecology Theory</b>	Why and How Restoration is done in a National Park Setting	Interns, volunteers, new staff		Sue Fritzke (Park Supv. Veg. Ecologist)	25	1216 Library
4	2/12/2008	Tu	2-4:30pm	Nursery	<b>Seed Treatment &amp; Germination.</b>	Just Add Water and They Grow? Not our Babies. Learn by doing Seed Pre-germination Treatments with Physiology of Seed Dormancy Explained..	Interns	staff, volunteers	Betty Young (Dir of Nurseries) & Brianna Schaefer (Mgr, Presidio Nursery)	10	Pres Nursery, Seed lab
5	2/21/2008	Thu	2-4:30	NR	<b>Growing for Restoration</b>	Presentation of research showing the need for local seed in restoration. Decision making to direct seed or grow in containers. How the nurseries in the park, fulfill this and other techniques used to avoid limitation of genetic diversity while growing in containers.	Interns, new staff	volunteers,	Betty Young (Dir of Nurseries)	15	1216 Library
6	2/28/2008	thu	10:30-12pm	Safety	<b>Poison Oak Training</b>	Safety training -How to Avoid the Misery of Poison Oak. Identification, prevention.	interns, new staff	volunteers	Aleutia Scott		1216
7	3/6/2008	Thu	1-4pm	NR	<b>Field Soils</b>	Plant soil interactions, soil formation, and taxonomy, soil testing, what soil considerations should be made in a restoration plan.	Interns, staff	volunteers	Stephen Andrews (Prof. Soils, UC Berkeley)/ Mark F or I will do admin	15	1216 Presidio
8	3/11/2008	Tu	1-4pm	Safety	<b>Driver Safety Training</b>	Large vehicle driving training-learn how to drive pickups and large vans safely within an urban National Park. Training includes both a classroom portion and behind-the wheel practice.	Interns, staff who drive GSA vehicles	VIPs who drive GSA vehicles	Kimberly K., Adam		
9	3/14/2008	Thu	1:30-3:30	Nursery	<b>Worker Safety</b>	Even though the nurseries are organic (products can still be dangerous), you will learn how to work safely around hazardous materials.	Nursery Interns, nursery volunteers		Christa Conforti (Trust Intergrated Pest Manager)	10	
10	3/18/2008	Tu	12:30-4:30	Safety	<b>Hazardous Material Communication</b>	How to read an MSDS, and what you need to take to the workplace to understand how to interpret Hazardous substance inforamtion.	interns, new staff	volunteers	Tony Di Stefano (Park Hazardous Materials Specialist)	20	1216 Library
11	3/23/2008	Sun	11-2:30	Nat	<b>Field Sketching Basics</b>	Glimpse some of the Marin Headlands' hidden treasures as you learn to draw from life; wildflowers, native animals, trees and birds are your subjects. The purpose of this three hour long workshop is to provide participants with the necessary techniques to successfully create a useable field sketchbook, while making a valuable connection between art and science. This program's aim is to help participants learn about different methods of recording wildlife observed in the field.  The Nature's Sketchbook workshop will take place at Rodeo Lagoon in the Marin Headlands on March 23 at 11am-2:30pm. This program will begin with an introduction and overview of field sketching and nature journaling. Materials needed, will include; pencils, sketchbook or paper, and an eraser. Participants are welcome to bring other sketching tools and equipment if they have them.	Interns, volunteers, staff		Ryan Jones (Golden Gate Parks Conservancy)	20	Rodeo Lagoon
12	3/27/2008	Thu	9-11:30	NR	<b>Plant Taxonomy</b>	Identification of Park Native plants using floral keys	Interns, new staff	volunteers	Kirra Swenerton (Pres Nurs Seed Ecologist)	10	

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13	3/29/2008	Sat	9-12pm	Nat	Bird ID	Plan on observing birds in the field, bring binoculars and field guide if you have them. Please contact me if you need binoculars. I will bring some materials in the field so we can compare our live observations to photos and descriptions of species.	Interns, volunteers, and staff	first come first serve	Andy Kleinhesselink (PT)	20	
14	4/3/2008	Th	9-noon	NR	Irrigation	Irrigation Design, Installation and Repair Basics	Nursery interns	staff, volunteers	Patricia Lazar (Trust Certified Irrigation specialist)	10	Presidio 1450 Washington and Caulfield
15	4/8/2008	Thu	9-12pm	Field	Erosion Control	Erosion can contaminate the park's water resources, increase the maintenance needed	Interns, staff	volunteers	Mark Frey (Trust Veg Ecologist), Tamara Williams (Park Hydrologist)	20	Presidio 1216- half lecture and half in the
16	4/15/2008	tu	1:30-4:30	NR	Geology of the Park	Geologic History of the Park. How different substrates formed in the park	NR and Educ Interns	staff, volunteers	Will Elder (NPS Interp Ranger)	20	Presidio blg 1216
17	4/18/2008	fri	9-11am	Nat	Identification of Animal Tracks	What's that pawprint?? Learn the prints of the animals of the GGNRA	Interns, volunteers, staff	volunteers	Chris Friedel (Redwood Creek Nursery manager)		muir beach
18	4/24/2008	Thu	9-11:30	Nursery	Seed Collection	How to Identify ripe Seed and Berries, how we collect Seed in the park to insure genetic integrity. Cleaning and Storage techniques.	Interns, new staff	volunteers	Kirra Swenerton (Presidio Nursery Seed Ecologist)	8	Presidio Nursery
19	5/8/2008	Thu	1-4:30	Nursery	Potting Media	Why we do not use Real Soil in our pots, and how we formulate our media. Hands-on Lab to test media physical properties..	Interns, new staff	volunteers,	Betty Young (Dir of Nurseries)	8	PN Habitarium
20	5/12/2008	Mon	1:30-4	Gen	Int Excel	take Excel to the next level. Learn to: formula use to make revisions and calculations speedy and to produce attractive printouts of your spreadsheet.	Staff, interns	volunteers	Dr. Harry Phillips, Santa Rosa Jr College, IT dept	12	Crissy Ctr, media lab
21	5/19/2008	Mon	1:30-4:00	Gen	Beg Power Point	Have to give a talk and never used Point Power. Learn the basics of how the program works, and how to insert slides and files into a presentation.	Staff, interns	volunteers	Dr. Harry Phillips, Santa Rosa Jr College, IT dept	13	Crissy Ctr, media lab
22	5/22/2008	Thu	1-4:30pm	Field	Why and How we control Invasive Plants	Learn results of research in the park showing negative effects to habitat value of non-native invasive plants, how we control most detrimental species and results of that work.	Interns, volunteers, new staff		Liz Ponzini (Tenn Valley Nurs Mgr and Field Restoration Coord) Betty Young (Dir of Nurs)	16	MaHe 1064
23	5/31/2008	Sat	1:30-3:30	Gen	Irrigation	Basic Irrigation for the Home Owner	Volunteers		Patricia Lazar (Trust Certified Irrigation specialist)	20-30?	
24	6/6/2008	Fri	1-4:30	Nursery	Vegetative Propagation	Propagation from Cuttings, etc. Physiology of Root formation along with hands-on experience in the secrets of Rooting Cuttings.	Interns, new staff	volunteers,	Betty Young (dir of Nurseries) & Chelsea Ames (MAHE)	16	
25	06/10/08	Tu-Fri	8-4, Fr 8-12	Com	NPS Interp. Training	How to create and present an effective interpretive or educational program.	interns, staff	volnters who teach	NPS		
26	6/10/2008	Tues	9:30-12:30	NR	Grass Taxonomy	identification of Grass species, through use of floral keys, tailored to park species.	Interns,new staff	volunteers,	Maria Alvarez (Park North district Restoration Ecologist)Tanya Baxter (Invasives Specialist) Liz Ponzini (Tenn Vall Nursery Mgr and Field Coord)	16	Tennessee Valley Nursery
27	6/19/2008	Thu	1-4:30	Nursery	Plant nutrition	Basics of Plant Nutrition, a little chemistry, nutrient testing, reading Lab and interpreting lab results. How to convert lab results to fertilizer rates. Using organic fertilizers.	Interns, new staff	volunteers	Betty Young (Dir of Nurseries) & Brianna Schaefer (Mgr, Presidio Nursery)	12	
28	7/3/2008	Thu	10am-noon	Safety	Safety training...Field Hazards	It is Safe to go in the Woods - How to protect yourself from Hazards in the park; West Nile virus, Hanta virus, Ticks, etc.	Interns, volunteers, new staff		Bruce Batzick (Park Integrated Pest Manager)	20	1216 library
29	7/9/2008	Wed	7-9:30pm	Nat	Raptors- Basic Flight Id I	Introduction to Identification of Birds of Prey, and closer look at the identification of Buteos(soaring Hawks)	Interns, volunteers, staff		Allen Fish and Buzz Hull - GGRO	20	blg 201, FOMA
30	7/10/2008	Thu	7-9:30pm	Nat	Raptors- Basic Flight Id I	Introduction to Identification of Birds of Prey, and closer look at the identification of Buteos (same class repeated)	Interns, volunteers, staff		Allen Fish and Buzz Hull - GGRO	20	blg 201, FOMA
31	7/16/2008	Wed	7-9:30pm	Nat	Raptors- Basic Flight Id II	Identificaiton of Eagles, Harriers, vultures, kites and Osprey	Interns, volunteers, staff		Allen Fish and Buzz Hull - GGRO	20	blg 201, FOMA
32	7/17/2008	Thu	7-9:30pm	Nat	Raptors- Basic Flight Id II	Identificaiton of Eagles, Harriers, vultures, kites and Osprey	Interns, volunteers, staff		Allen Fish and Buzz Hull - GGRO	20	blg 201, FOMA

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33	7/17/2008	Thu	9:30-noon	NR	Monitoring Class	Evaluating Project Success through effective Monitoring	Interns, volunteers, new staff		Low Stringer (Park South district Veg Ecologist)	10	Presidio 1216
34	7/23/2008	Wed	7-9:30pm	Nat	Raptors- Basic Flight Id III	Identification of Accipiters (narrow winged hawks) and falcons	Interns, volunteers, staff		Allen Fish and Buzz Hull - GGRO	20	blg 201, FOMA
35	7/24/2008	Thu	7-9:30pm	Nat	Raptors- Basic Flight Id III	Identification of Accipiters and falcons	Interns, volunteers, staff		Allen Fish and Buzz Hull - GGRO	20	blg 201, FOMA
36	7/29/2008	Tu	1-4pm	Career	Finding the Job for you	Career choice support and Search Strategies for that Perfect Job	Interns	staff, volunteers	Sharon Farrell (Cons. Dir; Natural Resource) Theresa Griggs (Park Chief Ranger)	20	Presidio 1216
37	7/31/2008	Thu	1-3pm	Nursery	Pest and Pest Management	Integrated Pest Management, Prevention, Identification, and least toxic. treatment decision making.	Interns, volunteers, new staff		Christa Conforti (Integrated Pest Manager)& Betty Young (dir of Nurseries)	10	Presidio Nursery
38	8/14/2008	Thu	9-noon	NR	Writing Reseach Articles for Publication	Publication is one way to ensure that work contributes to the future work in the park and the work of other land managers. We will	Interns, staff	volunteers	Mark Frey (Trust Veg Ecologist)	20	Presidio 1216
39	8/28/2008	Thu	10am-1pm	Nursery	Fern Propagation	Fern physiology and propagation from	Nursery Interns	volunteers, staff	Wendy Borne (Owner Spore Born Nursery) Brianna Schaefer (Mgr, Pres Nursery)	10	Presidio Nursery
40	9/4/2008	Thu	3-5pm	Nat	Traditional Ecological Knowledge	Learn about the how restoration has been done by the native peoples of the Klamath River	Intern, Volunteers, Staff		Chris Friedel (Redwood Creek Nursery manager)	20	Presidio 1216
41	9/11/2008	Thu	9-12?	NR	Tree Pruning	Safe use of Hand Saws and Woody Plant Pruning Techniques	Interns, volunteers, new staff		Peter Ehrlich (Trust Urban Forester)	12	
42	10/4/2008	Sat	10-noon	Nat	Tree Tour of Presidio-trees appropriate for Bay Area Gardens	Take a walk and see mature examples of trees that do well in local gardens. Ask your tree care questions of our own tree expert.	volunteers	interns, staff	Peter Ehrlich (Trust Urban Forester)		
43	10/10/2008	Fri	10-12pm	Gen	Graphic Design	Graphics for effective Flyers, newsletters, etc.	Staff	Interns, volunteers	Jenny McIrvine Trust (Volunteer Manager)		
44	11/6/2008	Thu	2-4:30pm	Nursery	Greenhouse Maintenance	How to Maintain the Equipment and Structures in the Nurseries	Nurs Interns	staff, volunteers	Betty Young (Dir of Nurseries)	10	Presidio Nursery
Dates still unconfirmed											
	10/21/2008	Tu	not conf	Career	Resume writing skills	Get yourself in the Door for that Perfect Job with an Effective Resume	Interns		Jane Chin (HR Director) Betty Young (dir of Nurseries)	20	
	10/28/2008	Tu	not conf	Career	Interview Skills	Be the Successful Candidate for your Dream Job with effective Interview Skills	Interns		Jane Chin (HR Director) Betty Young (dir of Nurseries)	20	
									Kammon Hydrology- Greg & Rachel Kanman		
January-09				Field NR	Riparian Restoration				Michael Chasse (NPS)		
				Com	Rare Plants of the GGNRA				Sharon Farrell (Cons. Dir; Natural Resource)		
					Public Interaction Techniques		Staff, Field Interns				
				Nat	Butterfly ID				Andy Kleinhesselink (PT)		
To be set up											
				VM	Cultural Sensitivity in working with groups				looking for teacher-Michele and Ernesto can't do		
				VM	Keeping High School Students engaged				Michelle Gee or Ryan J		
				Nat	Why we are an International Biosphere Preserve				Terri Thomas (PT) or Bill Merkle & Darren Fong (NPS)		
				Gen	Project Management				Allison Stone (PT)		
late fall				Gen	Intro to GIS, ArcGIS	Basic expalation of what this program can do, how it is used in the park, and what resources are	Interns and staff with no GIS		Michael Norelli		
				NR	Restoration Project Planning	How restoration projects are planned in a park setting. Factors that influence, approval process-to					

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			Nursery	Pruning in the Nursery				Alisa Shor or Adam Sharon		
			Nat	Native Plant Landscape for Habitat		Volunteers		Adam Sharon		
			Core	Story of the GGNRA				amy Meier, Roxi Farwell, Steve Haller		
			Core	Site History						
			Core	Issue Messaging	How information flows, park policy on the big issues.					
			Gen	Power Point						
			Gen	Excel						
March and in the fall.			Nat	Nature Drawing		Volunteers, Inters, Staff		Ryan Jones		
			CR	Identification and Handling of Museum Artifacts	Learn to recognize if a found item is worthy of preservation and how to handle it.			Abby Sue Fisher, Park Archivist		
			Com	Advanced Interpretation						
			Com	Basic Communication	Active listening and effective communication techniques			Sue G		
			Com	Communication-sensitive/confrontational situations				Sue G		
			VM	Running a successful field program				Denise/Sue/Adam/Damien		
			Nat	Wildflower walk						
			Nat	Mushroom ID						
			Nat	Lightscares/Soundscapes				Tamara		
			Core	Site History- North to South				Sue G/Marcus		
			VM	Educational Partnerships				Sue G		

**Series types-**

<b>Career</b>	Career All interns
<b>Com</b>	Communication and Education
<b>CR</b>	Cultural Resources
<b>Field</b>	Interns working in restoration in the field
<b>Gen</b>	General Interest
<b>Nat</b>	Nature and naturalist type classes
<b>NR</b>	Natural resource- field, nursery and environmental educ interns
<b>Nursery</b>	Nursery Interns
<b>Core</b>	Core classes every staff and intern should havePark history and information
<b>Safety</b>	Safety classes for all, as needed.
<b>VM</b>	VIP Management