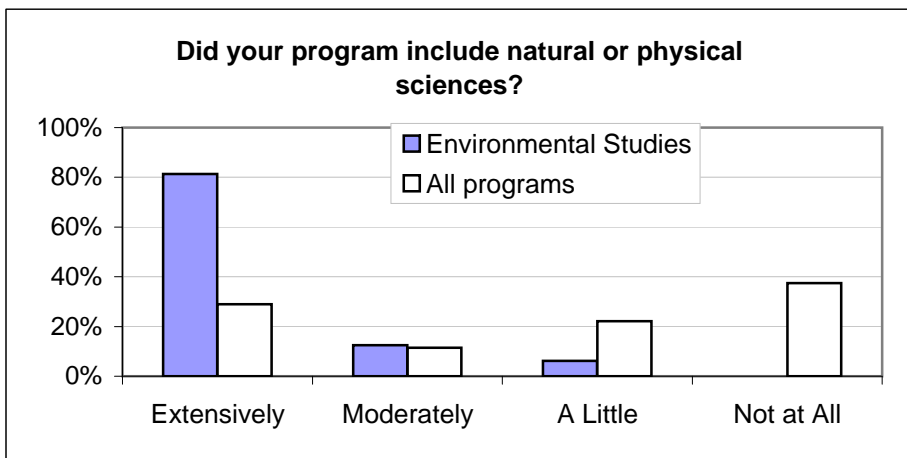


End-of-Program Review 2009-10

Natural or Physical Sciences in Environmental Studies Programs (ES)

Did your program include Natural or Physical Sciences?

	Extensively	Moderately	A Little	Not at All	Percent of Programs with any Nat. or Phys. Sciences	Programs with any Nat. or Phys. Sciences (N)	Programs responded (N)
Environmental Studies	81.3%	12.5%	6.2%	0.0%	100.0%	16	16
All programs	29.0%	11.5%	22.1%	37.4%	62.6%	82	131



Description of Environmental Studies programs with Natural or Physical Sciences

Environmental Sciences programs with Natural or Physical Sciences	Extent	Field	Introductory	Intermediate	Advanced
SOS: Advanced Natural History	Extensively	Ornithology Entomology Mammalogy Invertebrate biology			X
Disturbance Ecology	Extensively	Ecology, Disturbance, Landscape studies.			X
Ornithology	Extensively	Ornithology Evolutionary Biology Vertebrate anatomy and physiology Ecology Natural History		X	
Temperate Rainforests	Extensively	Field study of snags as bird habitat; reading primary scientific articles and analyzing their content; natural history. Ecological sciences, history of science			X
Forest Fungi: Biology and Systematics	Extensively	Mycology ecology	X	X	
Invertebrate Zoology and Entology	Extensively	Zoology	X	X	X

Risk Assessment in Environmental Health	Extensively	Biology, Chemistry	X	X	X
Introduction to Environmental Studies	Extensively	Cell Biology basics, Chemistry- properties and structure of chemicals	X	X	
Field Experiments in Ecological Genetics	Extensively	Biology, Chemistry, Ecology, Genetics, Field Ecology, History of Science, Instrumentation, Lab technique			X
Field Ornithology	Extensively	Biology, a little physics (only that pertain to sound), ornithology, ecology and natural history	X	X	X
Ecological Agriculture	Extensively	Fall-Winter-Ecology, Animal science, Soil Science, Modules; in spring- Grazing ecology, crop botany and genetics for seed saving		X	X
Tropical Rainforests	Extensively	Ecology, evolution, botany, entomology, ornithology		X	
Technical Writing in the 21st Century	Extensively	Biology, Environmental Sciences		X	X
Protected Areas?	Moderately	Landscape ecology corridor ecology natural history biology			X
Climate Solutions	Moderately	Earth Sciences; Physics; Isotopic Chemistry	X	X	
Community Based Research: Knowledge in Place	A Little	I was not teaching Science, but we did discuss the relationships of science to community around themes of Environmental Health, street science, public interest science. A key book-- "Street Science"	X		