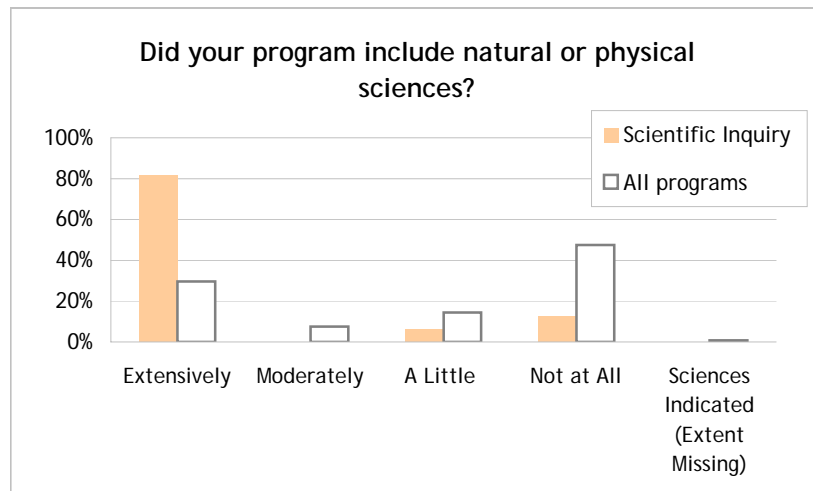


End-of-Program Review 2006-07

Natural and Physical Sciences in Scientific Inquiry Programs

Did your program include natural or physical sciences?

	Extensively	Moderately	A Little	Not at All	Sciences Indicated (Extent Missing)	Percent of Programs with any Sciences	Number of Programs with any Sciences	Number of Programs Responded
Scientific Inquiry	81.3%	0.0%	6.3%	12.5%	0.0%	88%	14	16
All programs	29.7%	7.6%	14.4%	47.5%	0.8%	53%	62	118



Description of programs on next page.

SI Programs with Natural or Physical Sciences	Extent	Fields	Introductory	Intermediate	Advanced
Analyzing the World	Extensively	Introductory Natural and Physical Science as a whole, rather than individual disciplines. Also introductory Forensic Science. All work incorporated significant hands-on laboratory activities.	X		
Computability: The Scope and Limitations of Formal Systems	Extensively	Computer Science, Mathematics		X	X
Data and Information: Quantitative Ecology	Extensively	Ecology, Computer Science, History and Philosophy of Science, and Statistics. (not sure where you count computer science.)	X	X	X
Environmental Analysis: Chemistry and Geology of Aqueous Systems	Extensively	Major themes of the program-Analytical Chemistry, Geology, Hydrology, Geochemistry, Chemical Instrumentation			X
History and Philosophy of Biology: Life and Consciousness	Extensively	Cognitive Science; Biology, especially Evolutionary Biology and Neuroscience	X	X	
Industrial Biology and Chemistry	Extensively	Polymer Chemistry, Biotechnology, Industrial Chemistry, Molecular Methods, Research			X
Introduction to Natural Science	Extensively	Chemistry, Physics, Biology	X		
Making Milk and Meat: Is Organic Better?	Extensively	Biology, Health, Nutrition, Agriculture		X	
Methods of Applied Mathematics	Extensively	Applied Mathematics and some Physics			X
Molecule to Organism	Extensively	Cellular & Molecular Biology, Immunology, Virology, Organic Chemistry, Biochemistry		X	X
Motion: Physics and Philosophy	Extensively	Physics	X		
Physical Systems	Extensively	Physics, Mathematics			X
Trace Metals Analysis: Inductively-Coupled-Plasma Mass Spectrometry	Extensively	Chemistry, Geology, Physics			X
Algebra to Algorithms: An Introduction to Mathematics for Science and Computing	A Little	Mathematical models for biological, physical, and chemical processes.	X		