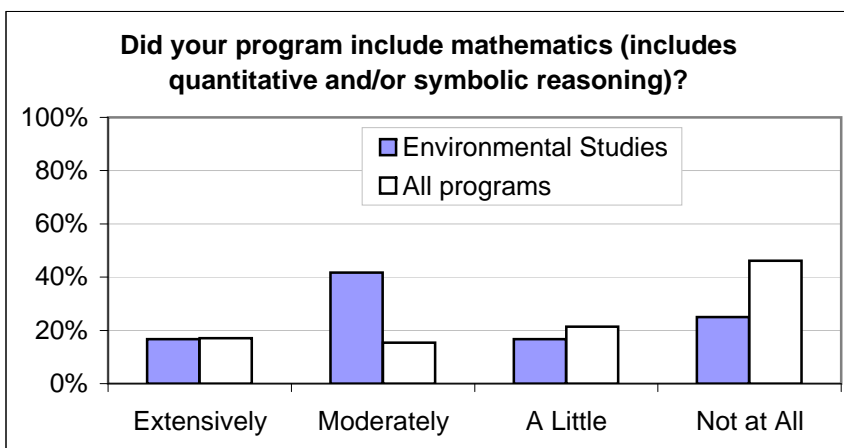


## End-of-Program Review 2008-09

### Mathematics in Environmental Studies programs (ES)

Did your program include mathematics (includes quantitative and/or symbolic reasoning)?

	Extensively	Moderately	A Little	Not at All	Percent of Programs with any mathematics	Programs with any mathematics (N)	Programs responded (N)
Environmental Studies	16.7%	41.7%	16.7%	25.0%	75.1%	9	12
All programs	17.1%	15.4%	21.4%	46.2%	53.9%	63	117



### Description of Environmental Studies with mathematics

Environmental Studies programs with mathematics	Extent	Field	Introductory	Intermediate	Advanced
Animal Behavior and Zoology	Extensively	Statistics, logic, data analysis, graphical representations of data, algebra and geometry for some students (depending on research projects)		X	
Microbial Ecology	Extensively	Algebra, data analysis, trend analysis, interpreting figures, tables	X		
Introduction to Geology	Moderately	Statistics and data analysis		X	X
Practice of Sustainable Agriculture	Moderately	Basic algebra, geometry and arithmetics.	X	X	
Marine Life:Biological Oceanography	Moderately	Algebra, Statistics		X	
Environmental Health: Science, Policy and Social Justice	Moderately	Algebraic calculations and statistics		X	

Marine Life: Marine Ecology	Moderately	Used algebra and statistics to complete assignments.		X	
Natural History Expedition Leadership	A Little	Ratios/Propprtions, Data Analysis/Trends, reading and interpreting graphs/tables, Algebra	X		
Marine Life: Science Research	A Little	Stats		X	