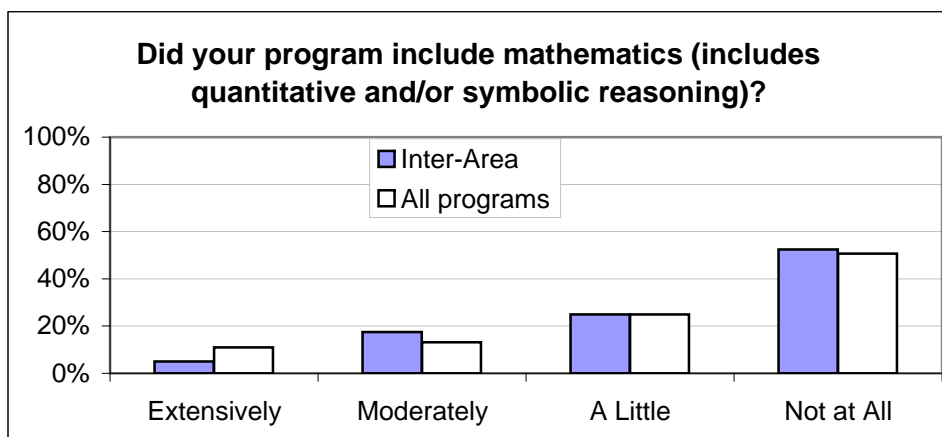


End-of-Program Review 2011-12

Mathematics in Inter-Area Programs (IA)

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)
Inter-Area	5.0%	17.5%	25.0%	52.5%	47.5%	19	40
All programs	11.0%	13.2%	25.0%	50.7%	49.2%	67	136



Description of Inter-Area programs with Mathematics

Inter-Area programs with Mathematics	Extent	Field	Introductory	Intermediate	Advanced
Self and Community	Extensively	Logic, Statistics, and (Quantitative Reasoning)		X	X
Ecological Agriculture: Crop Botany and Plant Genetics	Extensively	Genetics is Symbolic Reasoning	X	X	
Ecological Niche: The Interface of Human and Animal Behavior	Moderately	Research Methods, Excel, Statistics (Intro)	X		
Ecology and the Built Environment	Moderately	Algebra, Statistics, Data Analysis, Quantitative Representation		X	

Defending Mother Earth: Science, Energy and Native Peoples	Moderately	Algebra, Pre-calculus, Graphical Interpretation, Data Analysis	X		
Taking Things Apart: A Scientific and Artistic Exploration	Moderately	Symbolic and quantitative reasoning with Genetics; Trigonometry with Optics	X		
Field and Laboratory Biology in Southwestern Ecosystems	Moderately	Statistics, Unit Conversions, Algebra	X		
Animal Morphology, Motion, and Mind	Moderately	Measurements, Proportions, Animation, (data analysis for students doing extra upper division assignments)	X		
Stages of Discovery: Revolutions in Art and Science	Moderately	Graphical Literacy (reading, creating, interpreting graphs of data of natural phenomena)	X		
Interrogating Emotions	A Little	Statistics	X		
Dangerous Work	A Little	Reading, comprehending, and using statistical studies and graphics in occupational health topics.	X		
Re-Interpreting Liberation: Third World Movements and Migration	A Little	Economics workshops	X		
Salish Sea and the Pacific Northwest: Lives and Landscapes	A Little	Health Stats, Ecological Stats	X		
Business and Sustainability: Myth or Method?	A Little	Business math, Excell sheets, Six Sigma models	X		
Innovation	A Little	A few algebraic examples to illustrate physics; reading and Q&A about Great Equations (one of our texts)	X		
I Hear America Singing: 19th Century American Literature and Culture	A Little	We looked at intervals and patterns in the music.	X		
Nature and Value of Life	A Little	Statistics	X		
Drawing on Earth: Explorations in the Aesthetics and Dynamics of the Earth	A Little	Algebra, Trigonometry	X		
Embodying The Book	A Little	Poetic Scansion: e.g., mathematical definitions of poetic feet, accents, and meters.	X		