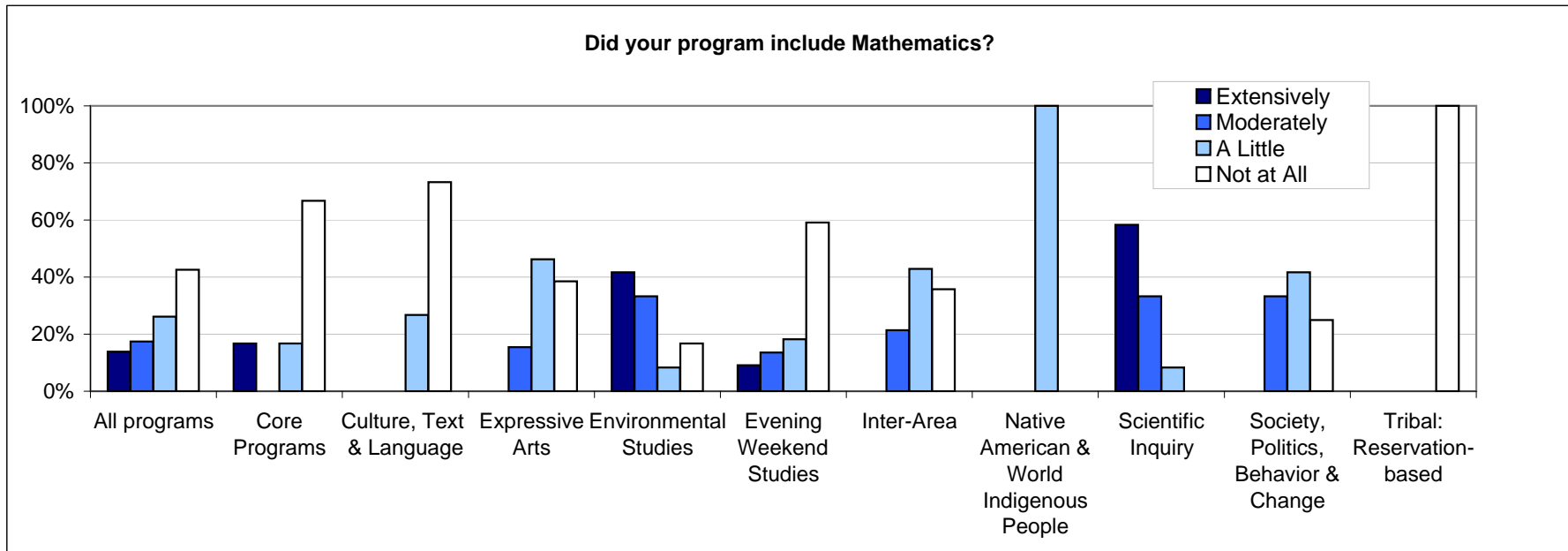


End-of-Program Review 2007-08
Mathematics in programs



	Extensively	Moderately	A Little	Not at All	Percent of Programs with any Mathematics	Programs with any Mathematics (N)	Programs responded (N)
All programs	13.9%	17.4%	26.1%	42.6%	57.4%	66	115
Core Programs	16.7%	0.0%	16.7%	66.7%	33.4%	4	12
Culture, Text & Language	0.0%	0.0%	26.7%	73.3%	26.7%	4	15
Expressive Arts	0.0%	15.4%	46.2%	38.5%	61.6%	8	13
Environmental Studies	41.7%	33.3%	8.3%	16.7%	83.3%	10	12
Evening Weekend Studies	9.1%	13.6%	18.2%	59.1%	40.9%	9	22
Inter-Area	0.0%	21.4%	42.9%	35.7%	64.3%	9	14
Native American & World Indigenous People	0.0%	0.0%	100.0%	0.0%	100.0%	1	1
Scientific Inquiry	58.3%	33.3%	8.3%	0.0%	99.9%	12	12
Society, Politics, Behavior & Change	0.0%	33.3%	41.7%	25.0%	75.0%	9	12
Tribal: Reservation-based	0.0%	0.0%	0.0%	100.0%	0.0%	0	2

Note: Courses, contracts, internships and student originated studies (SOS) programs were not asked to participate in the End-of-Program Review

Level (s) at which Mathematics were taught in programs that included it, N=66.

Faculty could check all that apply; therefore, percentages do not add up to 100%.

	Percent of programs with Mathematics	Number of programs with Mathematics
Introductory	72.7%	48
Intermediate	30.3%	20
Advanced	10.6%	7
Level not indicated	1.5%	1

Fields included in programs

Areas of Math incorporated	Number of times mentioned
Logic	8
GIS analysis metric	1
Unit conversion	1
Computation	1
Interpreting research results in social science academic articles	1
Graphs, simple calculations, quantitative reasoning--all as applied to economic theory	1
Excel and business math, CBA and other small business work sheets in support of a dynamic business plan.	1
creating budgets	1
creating budgets and calculating projected cost and returns, profit and loss	1
census data, mapping applications	1
Basic measuring in order to mount photos on mat board	1
performance measures	1
Art & Math	1
Navigation	1
Physics	1
Boolean Algebra	1
Algebra	13
Data analysis	9
Spatial analysis	1
Abstract algebra	1
Linear algebra	2
Ecological statistics	1

Topology	1
Statistics	24
Geometry	10
Graphic Interpretation	8
Averages	1
Quantitative reasoning	2
Critical thinking	1
Trigonometry	2
Pre-calculus	2
Calculus	4
Computer sciences	5
Applied Math	2
Math needed for biology and chemistry	1
Time value of money application	1
Arithmetic	3
Applied to strategic thinking about grants and project budgets in the arts	1
Demographics	2
Symmetric	1
Probability	2
Numerology	1
Mathematics	2
Discrete Mathematics	1
Evolutionary reconstruction using computer software (requires dataset construction and manipulation, understanding of binary vs. multistate characters, transformation series in character evolution, and symbolic representation of historical events)	1
Liberal and Mathematics	1