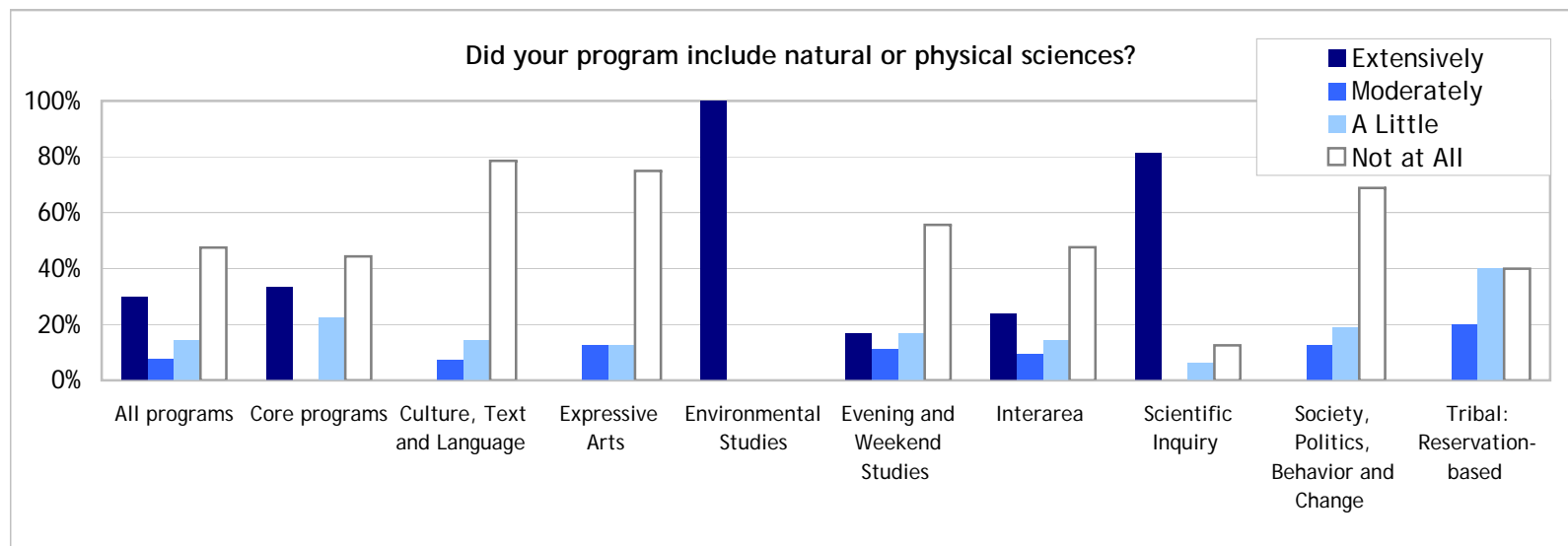


End-of-Program Review 2006-07

Natural and Physical Sciences in Programs



	Extensively	Moderately	A Little	Not at All	Natural or Physical Science Indicated (Extent Missing)	Percent of Programs with any Science	Programs with any Science (N)	Programs Responded (N)
All programs	29.7%	7.6%	14.4%	47.5%	0.8%	53%	62	118
Core programs	33.3%	0.0%	22.2%	44.4%	0.0%	56%	5	9
Culture, Text and Language	0.0%	7.1%	14.3%	78.6%	0.0%	21%	3	14
Expressive Arts	0.0%	12.5%	12.5%	75.0%	0.0%	25%	2	8
Environmental Studies	100.0%	0.0%	0.0%	0.0%	0.0%	100%	11	11
Evening and Weekend Studies	16.7%	11.1%	16.7%	55.6%	0.0%	44%	8	18
Interarea	23.8%	9.5%	14.3%	47.6%	4.8%	52%	11	21
Scientific Inquiry	81.3%	0.0%	6.3%	12.5%	0.0%	88%	14	16
Society, Politics, Behavior and Change	0.0%	12.5%	18.8%	68.8%	0.0%	31%	5	16
Tribal: Reservation-based	0.0%	20.0%	40.0%	40.0%	0.0%	60%	3	5

Note: Courses, contracts, internships, and Student Originated Studies (SOS) programs were not asked to participate in the End-of-Program Review.

End-of-Program Review 2006-07

Natural and Physical Sciences in Programs

Level(s) at which natural or physical sciences were taught in programs that included it, N=62
Faculty could check all that apply; therefore, numbers do not add up to 100%

	Percent of Programs with Sciences	Number of Programs
Introductory	66.1%	41
Intermediate	35.5%	22
Advanced	27.4%	17
Did not indicate any level	1.6%	1

Fields included in Programs:	Number of Times Mentioned
Agriculture	2
Applied Mathematics	1
Astronomy	1
Biochemistry	2
Biology	11
Biology, especially Evolutionary Biology and Neuroscience	1
Biology (especially Evolution, Ecology, Zoology)	1
Biology, including Ecology, Evolution, and Zoology	1
Biology -- evolution as applied to psychology.	1
Human Biology	1
Biological and Neurophysiological basis of Abnormal Psychology [See related comments from Multicultural Counseling]	1
Biotechnology	1
Botany	4
Carbon Cycle	1
Cellular and Molecular Biology	1
Chemical Instrumentation	1
Chemistry	6
Analytical Chemistry	1
Industrial Chemistry	1
Chinese, Islamic, and Asian Sciences: lectures, Geography, Environment	1
Climate Change	1
Cognitive Science	2
Computer Science	2
Cosmology	1
Earth Science(s)	6
Earth Sciences necessary to discuss 'energy' dynamics	1
Ecologic Agriculture (guest speaker)	1

Fields included in Programs:	Number of Times Mentioned
Ecology	10
Emerging Green Technologies	1
Entomology	1
Environmental History	1
Environmental issues, toxics, impact of war, etc. Preliminary work about science/policy- science and society. Focus-- Science and Society, Politics of Science/Science Policy, Feminist perspectives on science	1
Environmental Science [see related comment from program Indigenous Art and Community Art Organizations]	1
Evolutionary Biology [See related comment from Race in the United States]	2
Evolutionary Theory	1
Field Biology	1
Field Botany [See related comment from Restoring Landscapes]	1
Field Ecology	1
Fisheries, Fish Biology	1
Floristics Research [See related comment from Restoring Landscapes]	1
Food Science	1
Forensic Science, including some Biology and Chemistry.	1
Introductory Forensic Science [See related comment from Analyzing the World]	1
Forest Ecology	1
Genetics	2
Geochemistry	1
Geography	2
Geography [See related comment from Russia and Eurasia: Empires and Enduring Legacies]	1
Geology	3
Geology, Seismography, Chemistry necessary for expenditure curves of fossil fuels and development possibilities for biofuels	1
Global Warming	1
Green Business	1
Health	1
History and Philosophy of Science	1
History of Science	1
History of Early Modern Science	1
Hydrology	2
Immunology	1
Introductory Natural and Physical Science as a whole, rather than individual disciplines. [See related comment from Analyzing the World]	1

Fields included in Programs:	Number of Times Mentioned
Lab Ecology	1
Marine Biology	1
Mathematics	2
Mathematical models for biological, physical, and chemical processes.	1
Micro Biology	1
Molecular Methods	1
Natural History	3
Nature History + Science museums	1
Natural History observations for appropriate landscape	1
Natural Medicine	1
Neurobiology	1
Neuroscience	1
Nuclear Power	1
Nutrition	2
Oceanography	4
Organic Chemistry	1
Ornithology	2
Philosophy of Mathematics	1
Physics	12
Physics: Special Relativity History and Philosophy of Science	1
Plant biology	1
Polymer Chemistry	1
Renewable Energy	1
Research	1
Restoration Ecology [See related comment from Restoring Landscapes]	1
Science Policy	1
Scientific Method	1
Soils	1
Statistics	1
Surface and Groundwater	1
Sustainability	1
Taxonomy	1
Virology	1
Zoology	1

Other comments:

[Analyzing the World] Introductory Natural and Physical Science as a whole, rather than individual disciplines. Also introductory Forensic Science. All work incorporated significant hands-on laboratory activities.

Fields included in Programs:	Number of Times Mentioned
[Indigenous Art and Community Art Organizations] Environmental Science, particularly as it effects the practice of Native people's traditional artforms, such as basketry and problems with pesticide usage on traditional plants	
[Multicultural Counseling] Biological and Neurophysiological basis of Abnormal Psychology, medication interfaces for Psychotropic Drugs.	
[Race in the United States: Historical and Contemporary Perspectives] Evolutionary Biology to understand how "race" has no scientific basis; used readings and a guest speaker who is a biologist	
[Restoring Landscapes] This program included the option for advanced credit in Floristics research, Field Botany, Restoration Ecology	
[Russia and Eurasia: Empires and Enduring Legacies] In our program, we study Geography seriously, especially in fall and winter terms. This includes an examination of natural landmarks, rivers, mountain ranges, climate and climate zones, etc.--all relevant in our study of Russia, including the Caucasus, Central Asian, and Far Eastern regions.	
[Tribal: Nisqually] Students could take science as an elective and as a strand.	