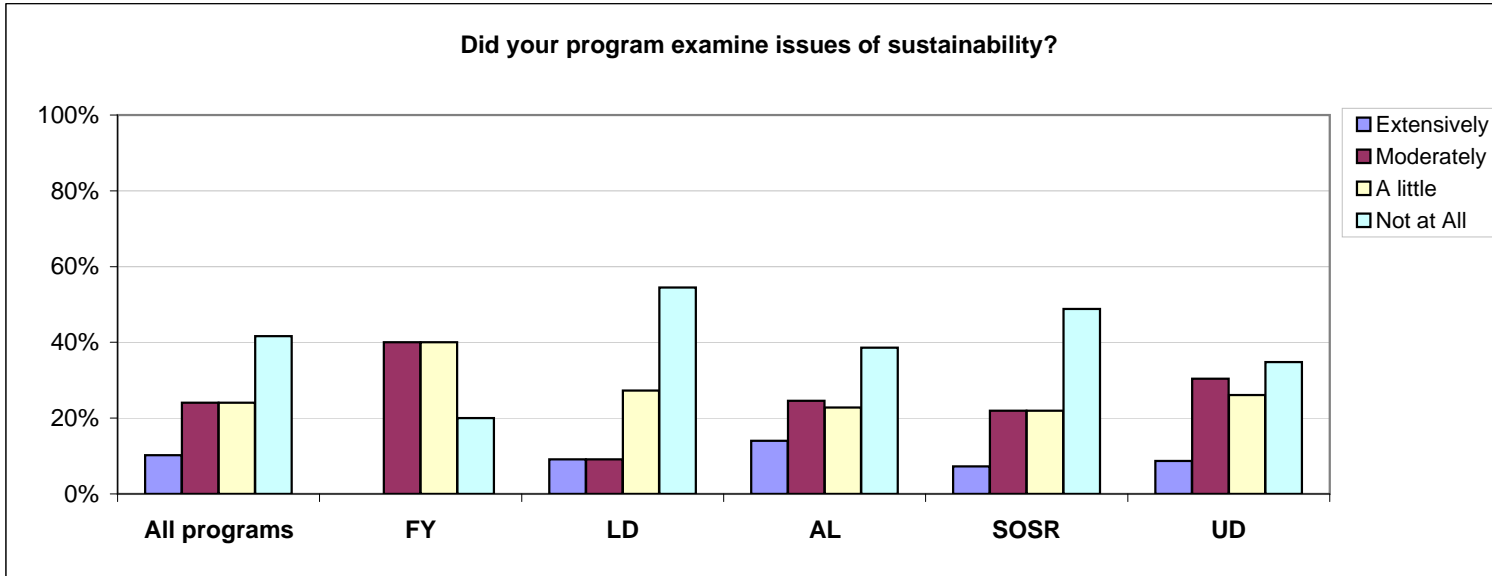


End-of-Program Review 2012-13
Sustainability in Programs



	Extensively	Moderately	A little	Not at All	Percent of Programs Addressed Sustainability	Programs Addressed Sustainability (N)	Programs responded (N)
All programs	10.2%	24.1%	24.1%	41.6%	58.4%	80	137
First-Year (FY only)	0.0%	40.0%	40.0%	20.0%	80.0%	4	5
Lower Division, FY-SO, (LD)	9.1%	9.1%	27.3%	54.5%	45.5%	5	11
All Level, FR-SR, (AL)	14.0%	24.6%	22.8%	38.6%	61.4%	35	57
Sophomore-Senior (SOSR)	7.3%	22.0%	22.0%	48.8%	51.3%	21	41
Upper Division, JR-SR, (UD)	8.7%	30.4%	26.1%	34.8%	65.2%	15	23

Note: Courses, contracts and internships were not asked to participate in the EPR.

Description of perspectives (e.g. scientific, social, ethical, historical, or spiritual), content areas, and activities used in programs.

Program	Program Type	Perspectives, Content areas and Activities
Awakening the Dreamer, Pursuing the Dream	FY	Social, ethical, spiritual
CounterACTION: Exploring Racial and Cultural Inequalities in Education	FY	Cultural studies multicultural education/foundations of education
Evolution of Human Language	FY	Scientific
Writing Nature, Writing "Race"	FY	Social, historical
Business, Personal Finance and Statistics	LD	Scientific, social.

Earth and Life	LD	With respect to sustainability, scientific and social/historical perspectives were used - mostly around climate, climate change, water availability and use.
Music, Math and Cybernetics: Things + Relations = Systems	LD	Cybernetic (e.g., connective), scientific, social, ethic.
Turning Eastward: Explorations in East-West Psychology	LD	Social, Ethical, Spiritual, Psychological
Dead People and their Stuff: Introduction to Archaeology	LD	[no comments]
A History of "Race" in the U.S.: From Colonial Era to 2013	AL	(social, ethical, historical) without using the word students interrogated the "sustainability" of a social system under democracy that has a continuing history of social discrimination and public officials (judges, police, legislators) who fail (ethics) to follow written laws designed to provide "equal protection under the law"
As Poetry Recycles Neurons: Flocks of Words, Tracks of Letters	AL	Here was our central question, which was borrowed from a now much cited insight of Fredric Jameson: Why is it now easier to imagine the end of the earth than it is to imagine the end of capitalism? We did fall and spg quarter field trips deep into the Hoh valley to experience the nature of an unsustainable culture.
Biology Through Darwin's Lens	AL	Scientific, historical, social, ethical
Boom or Bust: Social Struggles of the 1930s	AL	Extensive discussions of history and historiography, social theories around economic and political conflict, including Marxist approaches.
Botany: Plants and People	AL	Scientific, historical, discussion texts, films, and associated writing
Business and Culture Along the Silk Roads	AL	Social and historical
Chanoyu: Traditional Japanese Culture and the Way of Tea	AL	Social, historical, spiritual
Drawing from the Sea	AL	Scientific
Entrepreneurship and Economic Development	AL	Social
Entrepreneurship and Power	AL	Historical, ethical, social
Entrepreneurship with a Purpose: Human, Community, and Economic Development for Sustainability	AL	Multiple perspective was a required element of program instructional design and delivery. This was a very intensive program, with case studies, field trips, and development of a business plan for a dream business. I developed a learning tool called the Big Ideas Framework, loosely based on Wiggins and McTighe's backward design. They conducted an observation exercise, researched and presented on current topics, conducted academic research and wrote up their findings, and used a software designed to improve their writing.
Food, Health and Sustainability	AL	Perspectives: Scientific, social, ethical, and historical; Content areas: Sustainable agriculture and sustainable food systems; Activities: Lecture and seminar
Gender and Power in Cross-Cultural Context	AL	Weekly examination of how to make studying emotionally difficult topics more manageable
General Chemistry	AL	Science
Global Meltdowns: Finance, Energy and Climate Change	AL	Emphasis was on the sustainability of energy systems; this included scientific, social, historical, economic and ethical issues
Green Nature, Human Nature	AL	Scientific and social approaches to sustainability/environmental studies
Introduction to Natural Science: Navigating Observation and Theory	AL	global climate change, responsible disposal of lab waste, responsible use of energy
Justice at Work: Labor, Civil Rights, Immigration and the Law	AL	Social sustainability and social justice

Landscapes of Change: Writing & Mapping the Future	AL	Scientific, social, and historical perspectives were used instructing w/in context of climate change and place studies, though students brought additional perspectives. Activities were both science and creative writing-based, included research, analysis, field trips, photograph writing, multimedia production, mapping, etc. See Syllabus!
Mind-Body Medicine	AL	Scientific--Labs, seminar, lecture, exams, papers ethical--Labs, seminar, lecture, exams, papers spiritual--Labs, seminar, lecture, exams, papers
Mount Rainier: The Place and its People	AL	Ethical and historical
Movements and Migrations: Sustainable Communities in a Transnational World	AL	Social, ethical, historical, spiritual (yoga)--relationship between individual and social transformation. Looking at case studies in environment and cultural sustainability, locally and globally. Lots of field trips--Elwha Dam removal, Nisqually Delta Restoration, Arab Festival, Seattle communities, Olympia Social Justice Tour
Nature Writing: Classic and Contemporary	AL	(Scientific, social, ethical historical, and spiritual) All of the above broad introductions to environmental history and literature ethics and indeed spiritual
Orissi Dance and Music of India	AL	Discussions of population pressures, environmental degradation, wildlife reserves, and related economic issues in South Asia.
Ornithology	AL	Scientific, social, and ethical. We talked about human impacts on birds all the time - including observer effects. Students were constantly challenged to question the ecological, ethical, and social impacts of human relationships with birds.
Picturing Plants	AL	Scientific
Playing Politics	AL	Real time engagement with current events. Language and psychology in relation to politics. The "art and science" of "framing" political messages (cf. Westen, Lakoff and Luntz). History as a context for English dramatic writings, both historical and contemporary (e.g. Shakespeare and Kushner). Active readings of scripts and reflective workshops on historical contexts. Critical perspectives on political polling and the language of polling ques
Popular Uprisings: 1968, 2011 and the Road Foward	AL	Historical, ethical, political and economic perspective
Religion, Society and Change	AL	Ecoteology and faith communities' response to and environmental issues. Workshops, required reading (A Greener Faith, and numerous articles), guest panel, synthesis papers
Russia and Eurasia: Empires and Enduring Legacies	AL	We looked at the scientific, social, ethical, and historical implications of environmental degradation in the Former Soviet Union.
Science Seminar: The Universe and Beyond	AL	Scientific, philosophical, cultural, historical
The Biological and Sociological Foundations of Health	AL	Scientific, economic
Times and Works of Soseki, Mishima, and Murakami: Studies in Literature, History and Cinema	AL	Social, ethical, historical perspectivesw
Trajectories in Electromagnetism and Calculus	AL	Scientific and historical
Work and the Human Condition	AL	Social and social and economic justice
The Nisqually River: From Mountain Goats to Geoducks	AL	[no comments]
Adaptation: Evolutionary Patterns in Biological Space-Time	SOSR	Scientific, ethical
American Indian Sovereignty: Competing Contexts	SOSR	Cultural, historical
Climate Solutions	SOSR	Scientific, Social, Ethical, Cross-Cultural
Computing Practice and Theory	SOSR	Scientific
Environmental Analysis	SOSR	Scientific (basis of everything in class) social (considered effects of contamination, mining industry-jobs vs quality of life) ethical (social justice) historical (Handford, Silver Valley)
Equality and the Constitution	SOSR	Justice and law as sustainable mode of democratic and egalitarian society

Fiber Arts	SOSR	Students studied issues like recycling, choice of materials and their impact on the environment and health of people, they thought about the economics of fiber art production in developed countries and in developing countries. Students dealt with information about intellectual property in various cultural contexts and issues of cultural appropriation and their responsibilities as designers.
Geopolitics, Energy, Economics and Stewardship of the Pacific Northwest	SOSR	Scientific, social, and historical.
Gothic Constructions: Architecture and Literature	SOSR	Considered sustainable practices in building tours and architectural projects
Landscape Ecology and Ecosystem Management	SOSR	Resource management and conservation biology
Local Knowledge: Community Projects	SOSR	Participatory research (strategic, social and ethical framework); culturally relevant pedagogy; cultural studies)
Local Knowledge: Creating Just and Sustainable Communities	SOSR	Social, Historical; connections between social justice and sustainability
Making Effective Change: Social Movement Organizing and Activism	SOSR	Social science/ethical/historical or broad theme of sustainability and justice in relation to social movements and organizations.
Methods of Mathematical Physics	SOSR	We studied climate change a little in winter seminar, from a scientific perspective.
Physics and Calculus: Finding Order in the Physical World	SOSR	Scientific and historical
Political Economy and Social Movements: Race, Class, and Gender	SOSR	1 The effects of capitalism on sustainability. 2 Historical, social + economic perspectives. 3 Thought through study of history + economics
Practice of Sustainable Agriculture: Fall	SOSR	We looked at everything in the program through a lens of sustainability but our main perspective was scientific and to a lesser extent social
The Arts and Crafts Movement	SOSR	Social + historical perspectives
The Diversity of Life: Explorations in Biology	SOSR	Repeated emphasis of effects of rapid global climate change on biodiversity.
Undergraduate Research in Scientific Inquiry with P. Schofield	SOSR	Scientific: synthesis and use of sustainable materials
Undergraduate Research in Scientific Inquiry with C. Dirks	SOSR	[no comments]
Advanced Research of Arid Ecosystems	UD	Scientific, historical
Afrofuturism	UD	Demographics, statistics on environmental issues such as global warming and population, studies of various dystopic fictional futures.
Biodiversity Studies in Argentina	UD	Scientific
Integrative Evolution (...Evolution is for the Birds)	UD	Scientific, literary, ethical, historical--The primary focus of the class was the scientific study of
Political Ecology of Land: Planning, Property Rights and Land Stewardship	UD	Historical, theoretical, political
Tacoma: Power Play(ers): Actions and Their Consequences	UD	Social, historical
Rites of Passage: Ceramics and Fine Metalwork	UD	Periodic discussion in seminar
Student-Originated Studies: Projects in Photography and Two Dimensional Art	UD	Social, scientific, cultural, historical, aesthetic, spiritual/religious, etc.
The Fungal Kingdom	UD	Scientific; program content in conservation biology, restoration ecology (field trip/guest speaker/student projects in south Puget Sound prairies), ethics of collecting mushroom and lichen specimens, mushroom cultivation and mushrooms as a sustainable food (field trips to mushroom farms)
The Making of Global Capitalism, 1500-1914	UD	cf. previous response on approaches

Tribal: Reservation Based Community Determined Program - Foundations for Sustainable Tribal Nations -- Peninsula	UD	Scientific, social, ethical, historical, or spiritual. and economic.
Vertebrate Evolution	UD	Scientific and ethical; informal class discussions on topics such as fisheries management, land use, conservation efforts.
Washington State Legislative Internships	UD	community-based field observation track several environmental issues and NGO interests groups surrounding bills at the state capitol
When to Follow - When to Lead	UD	Social, ethical and spiritual in relationship to leadership and followership values and principles.
Tribal:Reservation Based Community Determined Program - Foundations for Sustainable Tribal Nations -- Nisqually	UD	[no comments]