

Department/IDP	Course Number	Course Name	Natural Systems	Social Systems	Human Expression	"Ways" Requirement								Taught by Academic Council?	Prereqs?
						Aesthetic**	Social**	Science**	FormReas*	AppQuant*	Diversity*	Ethics*	CreatEx*		
Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14	Column15	Column16
German	120Q	Contemporary Politics in Germany	0	5	5		X					X		Yes	
German	116	Writing about Germany	0	5	5	X	X							Yes	Yes
German	123	German Culture and Film	0	5	5	X	X							Yes	Yes
Biology	Bio 323	Detecting Climate-Driven Changes in California Plant Ranges	8	2	0		X	X	X			X		(none listed)	technical math skills
HUMBIO	HUMBIO 119	Demography: Health, Development, Environment	2	7	1		X							Tuljaparkar, S. (PI)	Statistics, BIO/HUMBIO Core, consent
Biology	Bio 116	Ecology of Hawaiian Islands	5	5	0		X	X	X		X			Vitousek	Restricted
Political Science	Polisci 157	Sampling and Surveys	0	10	0		X			X				Rivers	POLISCI 350B
Physics	Physics 70N	Modern Physics in Your Life	10	0	0			X						Romani	PHYSICS70 or PHYSICS65, or HS Physics
Physics	Physics 25	Modern Physics	10	0	0			X						Linde	PHYSICS23/consent
Physics	Physics 41	Mechanics	10	0	0			X						Burchat	PHYSICS19 & MATH19,41
Aero. & Astro.	AA 115N	The Global Positioning System: Where on Earth Are We and What Time is It?	5	5	0		X	X	X					(none listed)	none
Aero. & Astro.	AA 260	Sustainable Aviation	5	5	0		X	X		X			X	(none listed)	none
Afr. & Afr. Am St.	AFRICAAM 16N	African Americans and Social Movements	1	5	0		X				X			Fields, C. (PI)	None
Anthropology	ANTHRO 100A	India's Forgotten Empire: The Rise and Fall of Indus Civilization	3	6	2		X	X	X					(none listed)	none
Anthropology	ANTHRO 102A	Ancient Civilizations: Complexity & Collapse	1	7	2	X	X	X	X		X			(none listed)	none
Anthropology	ANTHRO 110A	Neandertals & Modern Humans: Origin, Evolution, Interactions	5	5	0		X	X	X					(none listed)	none
Anthropology	ANTHRO 111A	Archaeology of the Andes of Argentina	4	4	2	X	X	X	X		X			NO (Laguens: visiting)	None
Anthropology	ANTHRO 125	Language and the Environment	2	6	2	X	X	X	X		X			Fox	None
Anthropology	ANTHRO 130A	Interpreting Space and Place: An Introduction to Mapmaking	6	2	2	X	X	X	X				X	(none listed)	none
Anthropology	ANTHRO 147	Nature, Culture, Heritage	3	5	2	X	X	X			X	X		Meskell	none
Anthropology	ANTHRO 160A	Tragedy of the Commons: Human Ecology of Communal Resources	4	4	2		X	X	X		X	X		Garvey	none
Anthropology	ANTHRO 161A	Human Ecology: Adaptations to Climate and Climate Change	4	4	2		X	X	X		X			Garvey	none
Anthropology	ANTHRO 162	Indigenous Peoples and Environmental Problems	5	5	0		X	X	X		X	X		Durham	none
Anthropology	ANTHRO 163	Conservation and Evolutionary Ecology	4	4	2		X	X	X		X	X		(none listed)	none
Anthropology	ANTHRO 164A	Anthropology of Ecotourism	4	4	2	X	X	X			X	X		(none listed)	none
Anthropology	ANTHRO 164B	Anthropology of Tourism	4	4	2	X	X	X			X	X		(none listed)	none
Anthropology	ANTHRO 165	Parks and Peoples: The Benefits and Costs of Protected Area Conservation	4	4	2	X	X	X			X	X		(none listed)	none
Anthropology	ANTHRO 168	Everest: Extreme Anthropology	5	5	0		X	X				X		Jain	none
Anthropology	ANTHRO 168A	Risky Environments: The Nature of Disaster	4	3	3	X	X	X	X		X	X	X	(none listed)	none
Anthropology	ANTHRO 173	Human Dimensions of Global Environmental Change: Resilience, Vulnerability, &	3	4	3		X	X	X		X	X		(none listed)	none
Anthropology	ANTHRO 18	Peopling of the Globe: Changing Patterns of Land Use and Consumption Over th	5	5	0		X	X	X		X	X		(none listed)	none
Anthropology	ANTHRO 22	Archaeology of North America	5	5	0		X	X			X			(none listed)	none
Anthropology	ANTHRO 24N	Maya Hieroglyphic Writing	1	5	4	X	X	X	X				X	(none listed)	none
Anthropology	ANTHRO 3	Introduction to Prehistoric Archeology	5	5	0		X	X	X		X	X		Rick	None
Anthropology	ANTHRO 31	Ecology, Evolution & Human Health	5	5	0		X	X	X		X	X		(none listed)	None
Anthropology	ANTHRO 55A	Introduction to Archaeobotany	5	5	0		X	X	X	X	X			(none listed)	None
Anthropology	ANTHRO 6	Human Origins	5	5	0			X	X					Klein	None
Anthropology	ANTHRO 90C	Theory of Ecological and Environmnetal Anthropology	2	8	0		X	X	X		X			Bird, D	none
Applied Physics	APPPHYS 219	Solid State Physics and the Energy Challenge	5	5	1		X	X	X					(none listed)	None
Applied Physics	APPPHYS 79N	Energy Options for the 21st Century	4	4	2		X	X	X					J. Fox and T. Geballe	None
Art History	ARTHIST 246A	California Dreaming: West Coast Art and Visual Culture, 1848-present	2	2	6	X	X				X		X	Meyer	None
Art History	ARTHIST 264A	Picturing the Cosmos	2	2	6	X	X	X					X	Kessler	None
Biology	Bio 30N	Extinctions in Near Time: Biodiversity Loss Since the Pleistocene	4	4	2		X	X	X	X		X	X	Hadly	None
Biology	Bio 105C	Natural History, Marine Biology, and Research	4	3	3	X	X	X				X	X	(none listed)	None
Biology	Bio 3N	Views of a Changing Sea: Literature and Science	4	2	4	X	X	X					X	Gilly	None
Biology	Bio 122	Fusion of Art and Science: Along the Track of the Yellowstone Hotspot	5	0	5	X	X	X				X	X	Hadly/Wight	None
Biology	Bio 7N	Conservation Photography	3	3	4	X	X	X					X	McConnell	None
Biology	Bio 117	Biology and Global Change	5	5	0		X	X	X	X		X		Vitousek/Arrigo	None
Biology	Bio 147	Controlling Climate Change in the 21st Century	3	7	0	X	X	X	X			X		Mastrandrea/Salinger	None
Biology	Bio 15N	Environmental Literacy	4	4	2		X	X	X			X		Root	None
Biology	Bio 175	Tropical Ecology and Conservation	6	4	0		X	X	X	X	X			Dirzo	None
Biology	Bio 25N	Biogeography of Disease	8	2	0		X	X	X			X		Hadly	None
Biology	Bio 20N	Learning Creativity In Biology Through Finding a Good Problem and Searching fo	5	5	0		X	X	X	X				(none listed)	None
Biology	Bio 166	Faunal Analysis: Animal Remains for the Archaeologist	8	2	0		X	X	X	X				(none listed)	None
Biology	Bio 121	Biogeography	5	5	0		X	X	X	X				Hadly	None
Biology	Bio 143	Evolution	8	2	0		X	X	X	X				Watt	None
Biology	Bio 33N	Conservation Science and Practice	5	5	0		X	X	X					Daily	None
Biology	Bio 18Q	Plant Evolutionary Ecology	8	2	0		X	X	X					Dirzo	None
Biology	Bio 5	Ecology for Everyone	5	5	0		X	X	X					Gordon	None
Biology	Bio 3	Frontiers in Marine Biology	5	5	0		X	X						Denny Somero	None
Biology	Bio 105A	Ecology and Natural Histroy of Jasper Ridge Biological Preserve	8	2	0									Dirzo	None

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Biology	Bio 174/274	Human Skeletal Anatomy	6	4	0									Klein	None
Biology	Bio 119	Physiology of Global Change	5	5	0									Somero	None
Civil & Env. Eng.	50N	From the Foothills to the Bay	5	5	0			X						no name given	None
CHEMENG	CHEMENG 10	The Chemical Engineering Profession												Frank	None
CHEMENG	CHEMENG 25E	Energy: Chemical Transformations for Production, Storage, and Use												Bent	None
CHEMENG	CHEMENG 35N	Renewable Energy for a Sustainable World												Swartz	None
CHEMENG	CHEMENG 60Q	Environmental Regulation and Policy												Robertson	None
CHEMENG	CHEMENG 80Q	Art, Chemistry and Madness: The Science of Art Materials												Frank	None
CHEM	CHEM 10	Exploring Research and Problem Solving Across the Sciences												(none listed)	None
CHEM	CHEM 25N	Science in the News												Andersen	None
Civil & Env. Eng.	CEE 115C	People, Land, and Water in the Heart of the West	5	5	5	X	X	X						freybery and kennedy	None
Civil & Env. Eng.	CEE 135C	Energizing a Sustainable Future	2	5	0		X	X						none listed	None
Civil & Env. Eng.	CEE 166D	Water Resources and Water Hazards Field Trips	5	1	0			X						freyberg	None
CLASSICS	CLASSGEN 20N	Mapping the Mediterranean												(none listed)	None
CLASSICS	CLASSGEN 123	Urban Sustainability: Long-Term Archaeological Perspectives												Shanks	None
CompLit	COMPLIT 142	The Literature of the Americas	0	5	5	X						X		Yes	None
CompLit	COMPLIT 49	Global Literature: Reading New Worlds												Palumbo-Liu	None
CompLit	COMPLIT 368	Imagining the Oceans												Cohen	None
COMPMPED	COMPMPED 81N	Comparative Anatomy and Physiology of Mammals												Bouley	None
ECON	ECON 17N	Energy, the Environment, and the Economy	4	5	1		X	X						Wolak, F. (PI)	None
ECON	ECON 106	World Food Economy (EARTHSYS 106, EESS 106)	1	8	1		X							Falcon, W. (PI) ; Naylor, R. (PI)	None
ECON	ECON 205I	Sustainability from the Economic Perspective												(none listed)	None
ECON	ECON 250	Environmental Economics												Goulder	None
EDUC	EDUC 126A	Introduction to Public Service Leadership												(none listed)	None
EDUC	EDUC 357X	Science and Environmental Education in Informal Contexts												(none listed)	None
EDUC	EDUC 122X	From Local to Global: Collaborations for International Environmental Education	2	7	1		X				X			(none listed)	None
ELECTRICAL ENG.	EE 60N	Man vs Nature: Coping with Disasters Using Space Technology												Zebker	None
ELECTRICAL ENG.	EE 292H	Engineering and Climate Change												NO (Field: consulting fac.)	None
EESS	EESS 115I	Human and Environmental Rights from Farm to Fork	3	6	1		X					X		Chamberlain, P. (PI)	None
EESS	EESS 37N	Climate Change: Science & Society	5	5	0		X	X						(none listed)	None
EESS	EESS 46N	Exploring the Critical Interface between the Land and Monterey Bay: Elkhorn	5	5	0		X	X						(none listed)	None
ENGLISH	ENGLISH 68N	Mark Twain and American Culture	1	5	4	X								(none listed)	None
ENGLISH	ENGLISH 151C	Wastelands												McGurl	None
ENGLISH	ENGLISH 157D	Tales of Adventure and Survival												NO (Dougherty: student)	None
ENGLISH	ENGLISH 175C	Natives, Immigrants, and Pioneers: The Culture and Politics of the American Landscape												NO (Spingarn: lecturer)	None
ENERGY	ENERGY 101A	Energizing California	5	5	0		X	X						(none listed)	None
ENERGY	ENERGY 101	Energy and the Environment (EARTHSYS 101)	5	5	0		X	X						Durlafsky, L. (PI) ; Kovscek, A. (PI)	None
ENERGY	ENERGY 104	Transition to sustainable energy systems	2	8	0			X						Benson, S. (PI) ; Brandt, A. (PI) ; Lee, J.	None
FRENCH	FRENCH 228	Science, Technology, and Society in the Face of the Looming Disaster	2	8	0		X	X						Dupuy, J. (PI)	None
GEOPHYS	113	Earthquakes and Volcanoes (EARTHSYS 113)	9	1	0			X						Yes	None
GEOPHYS	60N	Man versus Nature: Coping with Disasters Using Space Technology (EE 60N)	5	5	0			X						Yes	None
German	184	Technology, Innovation and History of the Book	0	5	5	X	X							Yes	None
GES	GES 55Q	The California Gold Rush: Geologic Background and Environmental Impact	7	3	0		X	X						Bird, D. (PI)	None
GES	GES 43Q	Environmental Problems	5	5	0			X						Loague, K. (PI)	None
HISTORY	HISTORY 169	The Environmental History of North America	3	7	0		X	X						White, R. (PI)	None
HISTORY	HISTORY 79S	From Coffee to Cocaine: Commodities, Society, and Environment in Modern So	2	8	0		X							de Freitas, F. (PI)	None
HUMBIO	HUMBIO 80N	From Farm to Fork: The Science and Practice of Growing and Cooking Food	5	5	0		X					X		(none listed)	None
HUMBIO	HUMBIO 116	Controlling Climate Change in the 21st Century	5	5	0		X	X						(none listed)	None
HUMBIO	HUMBIO 2A	Genetics, Evolution, and Ecology	5	5	0			X						(none listed)	None
HUMBIO	HUMBIO 175C	Darwin, Evolution, and Galapagos	3	7	0			X						(none listed)	None
HUMBIO	HUMBIO 117H	Human Behavioral Ecology	4	4	2			X						Bird, R. (PI)	None
HUMBIO	HUMBIO 6	Human Origins	7	3	0			X						Klein, R. (PI)	None
HUMBIO	HUMBIO 185C	Conservation and Development Dilemmas in the Amazon	5	5	0		X							(none listed)	None
HUMBIO	HUMBIO 48	Environmental and Health Policy Analysis	2	8	0		X							Baker, L. (PI) ; Goulder, L. (PI)	None
HUMBIO	HUMBIO 118	Theory of Ecological and Environmental Anthropology	3	7	0		X							Bird, R. (PI)	None
HUMBIO	HUMBIO 166	Food and Society: Exploring Eating Behaviors in Social, Environmental, and Policy	4	5	1		X							Gardner, C. (PI) ; Robinson, T. (PI)	None
LAW	281	Natural Resources Law and Policy	5	5	0		X	X	X					Yes	None
Modern Thought	MTL 334A	Concepts of Modernity 1: Philosophical Foundations	0	10	0	X								Moya	None
Modern Thought	MTL 334B	Concepts of Modernity 2: The Study of Culture in the Age of Globalization	0	10	0	X								Saldivar	None
MS&E	MS&E 92Q	International Environmental Policy	1	9	0		X							Weyant, J. (PI)	None
Native American Studies	Nativeam 109A	Federal Indian Law	2	8	0		X				X	X		NO (Biestman: lecturer)	None

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Column1	Column2	Column3	Column4	Column5	Column6	column7	column8	column9	column10	column11	column12	column13	column14	Column15	Column16
Native American Studies	Nativeam 109B	Indian Country Economic Development	2	8	0		X				X			(none listed)	None
Pediatrics	Peds 250	Social and Environmental Determinants of Health	5	5	0		X	X	X		X	X		Chamberlain	None
Pediatrics	Peds 223	Human Rights and Global Health	5	5	0		X	X	X		X	X		Patenaude/Magnus	None
Pediatrics	Peds 212	Challenges of Human Migration: Health and Health Care of Migrants and Autoc	5	5	0		X	X	X		X	X		Rodriguez	None
Pediatrics	Peds 65N	Understanding Children's Health Disparities	5	5	0		X	X			X	X		Barr	None
Pediatrics	Peds 225	Humanitarian Aid and Politics	3	7	0		X	X			X	X		Patenaude	None
Pediatrics	Peds 224	Genocide and Humanitarian Intervention	5	5	0		X	X			X	X		Patenaude/Magnus	None
Pediatrics	Peds 226	Famine in the Modern World	3	7	0		X	X			X	X		Patenaude/Magnus	None
PHIL	23A	The Applicability of Mathematics in Natural Sciences: a Philosophical Problem	4	0	6									no name given	None
Philosophy	Phil 65S	Technology and the Good Life	3	5	2	X	X	X	X		X	X	X	NO (Scharing: student)	None
Philosophy	Phil 25SI	The Animal-Human Relationship: Interdisciplinary Perspectives	4	4	2		X	X	X			X	X	(none listed)	None
Philosophy	Phil 64S	Introduction to Environmental Ethics	3	4	4	X	X	X	X		X	X		NO (Beals: student)	None
Philosophy	Phil 73	Collective Actions: Ethics and Policy	2	5	3	X	X	X	X		X	X		NO (Budolfson: postdoc)	None
Philosophy	Phil 178A	Ethics of Environmental Choices	3	4	3	X	X	X	X		X	X		NO (Kim: postdoc)	None
Philosophy	Phil 178M	Introduction to Environmental Ethics	3	4	4	X	X	X	X		X	X		NO (Kim: postdoc)	None
Philosophy	Phil 72	Contemporary Moral Problems	1	5	4	X	X	X	X		X	X		Olson	None
Philosophy	Phil 71	Population Ethics	2	5	3		X	X	X		X	X		NO (Lazenby: postdoc)	None
Philosophy	Phil 76	Introduction to Global Justice	1	6	3		X		X		X	X		(none listed)	None
Philosophy	Phil 249	Evidence and Evolution	3	4	4		X	X	X			X		(none listed)	None
Philosophy	Phil 90G	Native American Philosophy	1	4	5	X	X	X	X		X			(none listed)	None
Philosophy	Phil 23A	Applicability of Mathematics in Natural Sciences: a Philosophical Problem	4	5	1		X	X	X					(none listed)	None
Philosophy	Phil 90C	Predicting the Future: Puzzles of Induction	4	6			X	X	X					(none listed)	None
Philosophy	Phil 164	Central Topics in Philosophy of Science: Theory and Evidence	2	6	2		X	X	X					(none listed)	None
Philosophy	Phil 164A	Central Topics in Philosophy of Science: Causation	2	6	2		X	X	X					(none listed)	None
Philosophy	Phil 167A	Philosophy of Biology	5		5		X	X	X					(none listed)	None
Philosophy	Phil 60	Introduction to the Philosophy of Science	5	3	2		X	X	X					Ryckman	None
Philosophy	Phil 163	Significant Figures in Philosophy of Science	2	6	2		X	X	X					Smith	None
Physics	Physics 81N	Science on the Back of the Envelope	10	0	0			X		X				Zhang	None
Physics	Physics 16	Cosmic Horizons	10	0	0			X						Allen/Whalen	None
Physics	Physics 19	How Things Work	10	0	0			X						Church	None
Physics	Physics 216	Back of the Envelope Physics	10	0	0			X						Funk	None
Physics	Physics 240	Introduction to the Physics of Energy	10	0	0			X						Laughlin	None
Physics	Physics 15	Nature of the Universe	10	0	0			X						Madejski	None
Physics	Physics 21	Mechanics and Heat	10	0	0			X						Michelson	None
Political Science	Poliscie 134P	Contemporary Moral Problems	1	8	7		X					X		Olson	None
Political Science	Polisci 1	Introduction to International Relations	2	8	0		X					X		Tomz	None
Political Science	Polisci 134L	Introduction to Environmental Ethics	2	8	0							X		NO (Kim: postdoc)	None
Political Science	Polisci 185C	The Federal Government and the West	3	7	0		X	X						(none listed)	None
Political Science	Polisci 105C	American Foreign Policy in the 21st Century	0	10	0		X							(none listed)	None
Political Science	Polisci 245C	Conservatism and Liberalism in American Politics and Policy	0	5	0		X							(none listed)	None
Political Science	Polisci 323R	The Press and the Political Process	0	10	0		X							(none listed)	None
Political Science	Polisci 114S	International Security in a Changing World	0	10	0		X							Crenshaw	None
Political Science	Polisci 114D	Democracy, Development and the Rule of Law	0	10	0		X							Diamond	None
Political Science	Polisci 233F	Science, Technology and Society in the Face of the Looming Disaster	2	8	0		X							Dupuy	None
Political Science	Polisci 110C	America and the World Economy	0	10	0		X							Goldstein	None
Political Science	Poliscie 19N	Politics of Energy Efficiency	5	5			X							Lipsy	None
Political Science	Polisci 140L	China in World Politics	0	10	0		X							Miller	None
Political Science	Polisci 243E	Political Economy of Development in Rural India	2	8	0		X							NO (Brule: student)	None
Political Science	Polisci 132C	Family, Friends, and Groups: The Ethics of Association	0	10	0		X							NO (Cordelli: postdoc)	None
Political Science	Poliscie 123	Politics and Public Policy	0	10	0		X							NO (Frisby: lecturer)	None
Political Science	Polisci 336S	Introduction to Global Justice	0	10	0		X							Olson	None
Political Science	Polisci 4	Introduction to Comparative Politics	0	10	0		X							Weinstein	None
Political Science	Polisci 246P	Dynamics of Change in Africa	0	10	0		X							Weinstein	None
Psychiatry	Psyc 136A/B	Valuescience: Shedding Illusion to Live Better	1	8	1	X	X							NO (Schrom: lecturer)	None
Public Policy	Publpol 103B	Ethics and Public Policy	1	9	0		X					X		(none listed)	None
Public Policy	Publpol 128	International Problem-Solving Through NGOs: Policy, Players, Strategies and Eth	1	9	0		X					X		NO (Liautaud: lecturer)	None
Public Policy	Publpol 121	Policy and Climate Change	3	7	0		X							(none listed)	None
Public Policy	Publpol 236	Law and Public Policy: Issues in Implementation	1	9	0		X							(none listed)	None
Public Policy	Publpol 313	Issues in Science Policy	3	7	0		X							(none listed)	None
Public Policy	Publpol 135	Regional Politics and Decision Making in Silicon Valley	1	9	0		X							NO (Benest: lecturer)	None
Public Policy	Publpol 304A	Collective Action: Ethics and Policy	0	10	0		X							NO (Budolfson: lecturer)	None

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						1	2	3	4	5	6	7	8		
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Public Policy	Publpol 101	Politics and Public Policy	1	9	0		X							NO (Frisby: lecturer)	None
Public Policy	Publpol 125	Law and Public Policy	0	10	0		X							NO (Greenberg: lecturer)	None
Public Policy	Publpol 353	Science and Technology Policy	1	7	0			X						White	None
Public Policy	Publpol 205I	Designing and Scaling Policy and Buiness Practices for Global Greentech	1	9	0		X							Wolak	None
Russian East Eur S	REES 244A	Practice of Everyday Life in Kazakhstan: From Nomadism to Modernity	1	8	1	X	X				X			NO (Kunabaeva: lecturer)	None
Russian East Eur S	REES 119	The Russian Economy	1	9	0		X							NO (Kuznetsoc: visiting)	None
Sci. Tech. & Soc.	STS 112	Ten Things: An Archaeology of Design	1	9	0	X	X				X	X		Shanks	None
Sci. Tech. & Soc.	STS 101	Science, Technology and Contemporary Society	0	10	0	X	X					X		(none listed)	None
Sci. Tech. & Soc.	STS 110	Ethics and Public Policy	0	10	0	X	X					X		(none listed)	None
Sci. Tech. & Soc.	STS 1	The Public Life of Science and Technology	0	10	0	X	X					X		Findlen	None
Sci. Tech. & Soc.	STS 140	Science, Technology and Politics	1	9	0		X					X		Sato	None
Sci. Tech. & Soc.	STS 115	Ethical Issues in Engineering	0	10	0							X		(none listed)	None
Sci. Tech. & Soc.	STS 201	Science, Technology and Contemporary Society	1	9	0		X							(none listed)	None
Sci. Tech. & Soc.	STS 152	Nucelar Weapons, Risk and Hope	0	10	0		X							Hellman	None
Sci. Tech. & Soc.	STS 190	Issues in Technology and the Environment	5	5	0		X							Sato	None
Stantistics	STATS 141	Biostatistics (BIO 141)	5	5	0				X	X				Li, L. (PI)	None
Thinking Matters	-	The Water Course	7	3	0			X		X				yes	None
Thinking Matters	-	Sustainability and Collapse	0	0	0										None
Urban Studies	URBANST 163	Land Use Control	2	7	1		X				X			Hall, R. (PI)	None
Urban Studies	URBANST 160	Environmental Policy and the City in U.S. History (HISTORY 260E)	4	6	0		X							Aggarwala, R. (PI)	None
Urban Studies	URBANST 115	Urban Sustainability Long-Term Archaeological Perspectives	1	7	2		X							Shanks, M. (PI)	None
Civil & Env. Eng.	CEE 171	Environmental Planning Methods	1	5	0		X		X					ortolano	MATH51
Anthropology	ANTHRO 136	Anthropology of Global Supply Chains	2	6	2	X	X	X			X			Yanagisako	Jr/Sr/anthro coursework or consent
Physics	Physics 80N	The Technical Aspects of Photography	10	0	0			X						Qsheroff	HS Physics
Biology	Bio 287	Advanced Topics in Human Population Genetics	8	2	0	X	X	X	X	X				Rosenberg	graduate students?
ELECTRICAL ENG.	EE 152	Green Electronics												Dally	EE101,102,108
ECON	ECON 156	Marine Resource Economics and Conservation	5	5	0		X							Lynham, J. (PI)	ECON50,102A or Stats 116
ECON	ECON 138	Risk and Insurance												Kurz	ECON50, 102A
ECON	ECON 155	Environmental Economics and Policy	2	7	1		X			X				Lynham, J. (PI) ; Chou, C. (TA)	ECON50
ECON	ECON 51	Economic Analysis II												Coe	ECON50
ECON	ECON 341	Public Economics and Environmental Economics Seminar												Goulder	ECON241
ECON	ECON 52	Economic Analysis III												Desmet	ECON1B, ECON50
Political Science	Polisci 218S	Political Economy of International Trade and Investment	0	10	0		X							Scheve	ECON1A,1B & statsitics
ECON	ECON 50	Economic Analysis I												Abramitsky	ECON1A, MATH51
EARTHSYS	EARTHSYS 112	Human Society and Environmental Change	5	5	0		X	X						(none listed)	ECON1A
HISTORY	HISTORY 103D	Human Society and Environmental Change	2	8	0		X							(none listed)	ECON1A
ECON	ECON 251	Natural Resource and Energy Economics	5	5	0			X						Ito, K. (PI) ; Reguant-Rido, M. (PI)	ECON 202,203,204,271,272,consent
Biology	Bio 375	Field Ecology and Conservation	5	5	0	X	X	X	X	X				Dirzo	consent?
Biology	Bio 326	Foundations in Biogeography	6	4	0	X	X	X	X	X				Hadly/Fukami	consent?
Biology	Bio 325	Evolution of Body Size	8	2	0		X	X	X	X				Hadly	consent?
Anthropology	Anthro 302	History of Anthropological Theory, Ecology and Environment	4	6	0	X	X							Bird	consent
Biology	Bio 312	Ethical Issues in Ecology and Evolutionary Biology	5	5	0	X	X				X	X		Ehrlich	consent
Biology	Bio 216	Terrestrial Biogeochemistry	6	4	0	X	X	X	X	X				Vitousek	consent
Biology	Bio 202	Ecological Statistics	8	2	0		X	X	X	X				Fukami	consent
Civil & Env. Eng.	CEE 175A	California Coast: Science, Policy, and Law	5	5	0	X	X							boehm, caldwell, sivas	consent
EESS	EESS 126	Institutions and the Natural Environment	2	8	0	X	X							Pizarro, R. (PI)	consent
Physics	Physics 241	Introduction to Nuclear Energy												Laughlin	consent
Political Science	Polisci 152	Introduction to Game Theoretic Methods in Politcal Science	0	10	0	X								Fearon	consent
Communications	COMM 177C	Specialized Writing and Reporting: Environmental Journalism	2	4	4		X						X	Hayden, T. (PI)	COMM 104/ENVRES 200/consent & ac
Physics	Physics 41A	Mechanics Concepts, Calculations, and Context	10	0	0			X						Mitiguy	Co-register with PHISCS41
CHEMENG	CHEMENG 456	Microbial Bioenergy Systems												Spormann	CHEMENG 174,181 and organic chem
CHEMENG	CHEMENG 174	Environmental Microbiology												Spormann	CHEM 33 & BIOSCI41, CHEMENG181
CHEMENG	CHEMENG 262	Fundamentals of Polymers for Energy and Environmental Sustainability	5	4	1			X						Frank, C. (PI)	CHEM 31 A,B
CHEMENG	CHEMENG 162	Fundamentals of Polymers for Energy and Environmental Sustainability	9	1	0			X						Frank	CHEM 31 A,B
CHEMENG	CHEMENG 20	Introduction to Chemical Engineering												Khosla	CHEM 31
CHEMENG	CHEMENG 162	Fundamentals of Polymers for Energy and Environmental Sustainability												Frank	CHEM 31
Aero. & Astro.	AA 116N	Electric Automobiles and Aircraft ?	5	4	1	X	X		X				X	P. Enge	Calc, AP Physics, or Mechanics
Biology	Bio 102	Demography: Health, Development, Environment	6	4	0		X	X	X	X	X			Tuljapukar	BIOCore/consent
Biology	Bio 186	Natural History of the Vertebrates	8	2	0			X	X	X				Hadly	BIOCore
Biology	Bio 136	Evolutionary Paleobiology	8	2	0			X	X					Hadly	BIOCore
Biology	Bio 101	Ecology	8	2	0		X	X	X	X				Knope	BIO43/consent

Department/IDP	Course Number	Course Name	Natural Systems	Social Systems	Human Expression	"Ways" Requirement								Taught by Academic Council?	Preqs?
						Aesthetic** 1	Social** 2	Science** 3	FormReas* 4	AppQuant* 5	Diversity* 6	Ethics* 7	CreatEx* 8		
Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14	Column15	Column16
Biology	Bio 264	Biosphere-Atmosphere Interactions	5	5	0	X	X	X	X	X		X		(none listed)	BIO42/43/consent
Biology	Bio 196B	Biology Senior Reflection	5	0	5	X	X	X	X	X			X	McConnell	BIO196A,B,C
Biology	Bio 144	Conservation Biology	5	5	0	X	X	X	X			X		Boggs	BIO 101/43. HUMBIO 2A/consent
Aero. & Astro.	AA 280	Smart Structures	5		5	X	X	X		X			X	Senseky	AA240A or consent
Biology	Bio 8N	Human Evolution	8	2	0			X	X					(none listed)	?
Anthropology	ANTHRO 10SC	Darwin, Evolution, and Galapagos	4	4	2		X	X	X		X			Durham	
Biochemistry	BIOC 109B	Human Genome and Disease: Genetic Diversity and Personalized Medicine	6	4	0		X	X	X		X			Brutlag, Heller	
Biochemistry	BIOC 236	Biology by the Numbers: Evolution	5	5	0		X	X	X	X	X			Fisher	
Philosophy	Phil 23P	Personal Responsibility: Moral and Civic	4	5	1		X	X	X		X	X		NO (Frances/Miller: students)	