

Sustainability Challenge Area Electives

(Offered Spring 2012)

BA: Society and Sustainability Track			
ASB 202	Immigration and Ethnic Relations in the United States	3	SB & H & C
ASB 211	Women in Other Cultures	3	(HU or SB) & G
ASB 311	Principles of Social Anthropology	3	SB & G & H
ASB 326	Human Impacts on Ancient Environments	3	SB & H
ASB 344	Technology and Society	3	L or SB
ASB 416	Economic Anthropology	3	L or SB
ASB 417	Political Anthropology	3	L
ASB 430	Social Simulation	3	CS
ENG 367	Environmental Issues in Literature and Film	3	L or HU
GCU 350	The Geography of World Crises	3	SB & G
GCU 351	Population Geography	3	SB & G
GCU 357	Social Geography	3	SB
GCU 441	Economic Geography	3	SB
GCU 442	Geographical Analysis of Transportation	3	SB
GPH 210	Society and Environment	3	G
JUS 320	Community and Social Justice	3	SB & C
JUS 321	Wealth Distribution and Poverty	3	SB & C
JUS 405	Economic Justice	3	(L or SB) & G
JUS 430	Social Protest, Conflict and Change	3	(L or SB) & C
JUS 444	Environmental Justice	3	L & C
NLM/TDM/PRM 301	Sustainable Communities	3	-
PGS 306	Environmental Psychology	3	SB
PGS 350	Social Psychology	3	SB
SOC 270	Racial and Ethnic Relations	3	SB & C
SOC 331	Environmental Sociology	3	SB & G
SOC 332	Urban Sociology	3	SB & G
SOC 334	Technology & Society	3	SB
SOC 352	Social Change	3	SB & G & H
SOC 423	Social Class and Stratification	3	L or SB
SOS/HST/PHI 394	History and Philosophy of Sustainability	3	-
SOS/ASB/SOC 394	Production, People and Environments	3	-
WST 375	Women and Social Change	3	SB & C
WST 380	Race, Gender, and Class	3	(L or SB) & C
WST 457	Women, Cultures, and Societies	3	(L or SB) & G

BA: Policy and Governance in Sustainable Systems Track			
ABS 381	Natural Resources Policy	3	-
BIO 412	Conservation in Practice	3	-
ECN 441	Public Economics	3	SB
GCU 361	Urban Geography	3	SB
GPH 314	Global Change	3	HU & G
HTY 350	Environmental History	3	L
HTY 380	Science, Technology, and Values	3	-
HTY 450	History of Ecology and Conservation	3	L & H
PAF 300	Public Management and Administration	3	-
PAF 340	Public Management and Policy	3	-
PHI 407	Environmental Philosophy and Policy	3	L or HU
POS 160	Global Politics	3	SB & G
POS 300	Contemporary Global Controversies	3	SB & G
POS 346	Problems of Democracy	3	HU
POS 351	Democratization	3	SB & G
POS 364	National Security, Intelligence, and Terrorism	3	SB
POS 368	Ethics and Human Rights	3	-
POS 410	Governing American Cities	3	SB
PUP 301	Introduction to Urban Planning	3	L
PUP 430	Transportation Planning and the Environment	3	-
STS 325	Science, Technology, and Public Policy	3	SB
SOS 494	Collective Action and Decision Making for Sustainability	3	-

BA: International Development and Sustainability Track			
AFS/POS 340	The Making of Modern Africa	3	SB & G & H
ASB/SSH 100	Introduction to Global Health	3	SB & G
GCU 364	Energy in the Global Arena	3	SB & G
GPH 314	Global Change	3	HU & G
JUS 325	Globalization and Socio-Economic Justice	3	G
JUS 352	The Global Politics of Human Rights	3	-
POL/SBS 480	Global Justice	3	G
POS 160	Global Politics	3	SB & G
POS 368	Ethics and Human Rights	3	-
POS 486	International Political Economy	3	SB & G
SGS 301	Principles of Global Studies	3	-
SGS 303	Global Trends	3	SB
SOC 333	Population	3	SB & G
SSH 400	Poverty, Social Justice, and Global Health	3	(L or SB) & G
STS 330	Information Technology and Globalization	3	SB & G
STS 332	Global Issues in Science and Technology	3	SB & G
WST 378	Global Feminist Theory	3	L & C & G

BA: Sustainable Urban Dynamics Track			
ABS 260	Fundamentals of Urban Horticulture	4	SG
ABS 364	Urban Forestry	3	-
ALA 100	Introduction to Environmental Design	3	HU & H & G
ASB 442/SBS 460	Urban Anthropology	3	SB
CHE 469	Air Quality Engineering	3	-
GCU 359	Cities of the World I	3	SB & G & H
GCU 360	Cities of the World II	3	SB & G
GCU 361	Urban Geography	3	SB
GCU 425	Geography of the Mexican American Borderland	3	L or SB & G
GCU 442	Geographical Analysis of Transportation	3	SB
HUD 201	Introduction to Housing and Urban Development	3	-
POL 464 / SBS 450	Border Cities: Action Research on Globalization	3	SB & G
POS 410	Governing American Cities	3	SB
PUP 200	The Planned Environment: Cities in Cinema	3	HU & H & G
PUP 301	Introduction to Urban Planning	3	L
PUP 430	Transportation Planning and the Environment	3	-
SOS/ASM/SSH 414	Urban and Environmental Health	3	SB
URB 100	Introduction to Urban and Metropolitan Studies	3	C
URB 105	Introduction to Urban Governance	3	-
URB 220	Introduction to Urban America	3	-
URB 240	Urban Policy	3	C
URB 300	Urban and Metropolitan Studies	3	-
URB 301	Urban Research	3	-
URB 302	Urban Theory	3	-
URB 305	Urban Governance	3	-
URB 410	Urban Leadership and Collaborative Skills	3	-

BS: Sustainable Energy, Materials, and Technology Track			
ALA 100	Introduction to Environmental Design	3	HU & H & G
ALA 102	Landscapes and Sustainability	3	HU & G
ALT 360	Renewable Energy Technologies: Fundamentals and Integration	3	-
ALT 435	Applied Photovoltaics	3	-
APH 313	History of Architecture I	3	(L or HU) & G & H
CHM 107	Chemistry and Society	4	SQ & G
CON 101	Construction and Culture: A Built Environment	3	HU & H & G
ETM 301	Environmental Management	3	-
ETM 302	Water and Wastewater Treatment Technology	3	-
ETM 303	Environmental Regulations	3	-
ETM 401	Hazardous Waste Management	3	-
ETM 428	International Environmental Management	3	G
ETM 494	Environmental and Emergency Management Leadership	3	-
ETM 494	Sustainable Solid Waste Management	3	-
CEE 400	Earth Systems Engineering and Management	3	(L or HU) & H
GCU 364	Energy in the Global Arena	3	SB & G
GPH 405	Energy and Environment	3	-
GPH 412	Physical Climatology	3	-
IND 242	Materials and Design	3	-

MET 435	Alternate Energy Sources	3	-
SOS 494	Energy Use and Conservation	3	-
SOS 494	Renewable Energy	3	-

BS: Economics of Sustainability Track			
ECN 211	Macroeconomic Principles	3	SB
ECN 212	Microeconomic Principles	3	SB
ECN 313	Intermediate Macroeconomic Theory	3	SB
ECN 413	Advanced Honors Macroeconomics (in place of 313)	3	-
ECN 414	Advanced Honors Microeconomics (in place of 314)	3	-
ECN 416	Game Theory and Economic Behavior	3	-
ECN 306	Survey of International Economics	3	SB & G
ECN 345	Survey of Environmental and Resource Economics	3	-
ECN 360	Economic Development	3	SB & G
ECN 425	Introduction to Econometrics	3	-
ECN 436	International Trade Theory	3	SB & G
ECN 445	Environmental Economics	3	-
ECN 450	Law and Economics	3	-
ASB 416	Economic Anthropology	3	L or SB
GCU 441	Economic Geography	3	SB
POL 460/SBS 450	Politics of Globalization	3	SB & G
POL 486	Global Political Economy	3	SB & G

BS: Sustainable Ecosystems Track			
ABS 364	Urban Forestry	3	-
ABS 430	Watershed Management	3	-
ABS 433	Riparian and Wetland Ecology	3	-
ABS 481	Riparian and Wetland Restoration	3	-
BIO 181	General Biology I	4	SG
BIO 182	General Biology II	4	SG
BIO 320	Fundamentals of Ecology	3	-
BIO 321	Introductory Ecology Laboratory	2	L
BIO 322	Conservation Biology and Ecological Sustainability I	3	-
BIO 323	Conservation Biology and Ecological Sustainability II	3	-
BIO 331	Animal Behavior	3	-
BIO 370	Vertebrate Zoology	4	-
BIO 386	General Entomology	4	-
BIO 410	Techniques in Wildlife Conservation Biology	3	L
BIO 411	Quantitative Conservation Biology	3	-
BIO 412	Conservation in Practice	3	-
BIO 421	Landscape Ecology	3	-
BIO 424	Mathematical Models in Ecology	4	-
BIO 471	Ornithology	3	-
BIO 472	Mammalogy	4	-
BIO/GLG 325	Oceanography	3	-
CHM 302	Environmental Chemistry	3	-
GPH 314	Global Change	3	HU & G
PLB 300	Comparative Plant Diversity	4	L or SG
PLB 302	Plants and Civilization	3	-
PLB 304	Biology of Algae and Fungi	3	-
PLB 305	Desert Annuals and Cacti	3	-
PLB 310	The Flora of Arizona	4	-
PLB 411	Trees and Shrubs of Arizona	3	-