

Sustainable Systems Minor (18 credits)

Effective for students beginning degree Summer Semester 2018

A. Required Courses (6 credits)				
Must complete all of the following:		Sem.	Cr.	Prerequisite
ENVS 4700	Communicating Sustainability	Sp	3	
LAEP 2039	Foundations of Sustainable Systems	F	3	
B. Agriculture, Food and Environmental Systems (3 credits)				
Select one course from the following:				
ADVS 5030	Sustainable Agricultural Production Systems with Animals	F	3	ADVS 1110
ASTE 2900 (BSS)	Humanity in the Food Web	Sp	3	
ASTE 5260 (CI)	Environmental Impacts of Agricultural Systems	F	3	
PSC 4400	Modern Vegetable Production	F	3	BIOL 1010 or BIOL 1610
PSC 5200	Site-Specific Agriculture and Landscape/ Horticultural Management	Sp, Su	3	
WATS 1200 (BLS)	Biodiversity and Sustainability	Sp	3	
WILD 2200 (BLS)	Ecology of our Changing World	F, Sp	3	
C. Energy and Earth Systems (3 credits)				
Select one course from the following:				
GEO/PHYS 3150 (DSC/QI)	Energy in the 21st Century	F	3	USU 1360 and Quantitative Literacy (QL) course or equivalent
GEO 3100 (DSC)	Natural Disasters	F, Sp, Su	3	
GEOG 4400	Natural Hazards and Society	Sp	3	Taught every even-numbered year
LAEP 1030 (BCA)	Introduction to Landscape Architecture	F, Sp, Su	3	
PHYS 1020 (BPS)	Energy		3	One university-level math or statistics course
PSC 4810 (DSC/QI)	Climate and Climate Change	F, Sp	3	
PSC 4820	Challenges in Climate Change and Energy	F	3	PSC/WATS 3820 or GEO 5680
D. Water Systems (3 credits)				
Select one course from the following:				
PSC 2010 (BPS)	Soils, Waters, and the Environment	Sp	3	
PSC 4000	Soil and Water Conservation	F	4	
WATS 3700 (CI)	Fundamentals of Watershed Science	Sp	3	
WATS 4490 (QI)	Small Watershed Hydrology	Sp	4	MATH 1100 or MATH 1210 WATS 3700
WATS 4530	Water Quality and Pollution	F	3	
E. Social Systems (3 credits)				
Select one course from the following:				
APEC 3012 (DSS)	Introduction to Natural Resource and Regional Economics	F, Sp	3	
ENVS 3010	Fundamentals of Natural Resource and Environmental Policy	F, Sp	3	
ENVS 3330	Environment and Society	Sp	3	
ENVS 5550	Sustainability: Concepts and Measurement	Sp	3	
ENVS/SOC 5640 (CI)	Conflict Management in Natural Resources	Sp	3	
PHIL 3530 (DHA)	Environmental Ethics		3	
SOC 4620 (DSS)	Sociology of the Environment and Natural Resources	Sp	3	