

Sustainability Course Inventory (updated Sept 2020)

SUSTAINABILITY FOCUSED		SUSTAINABILITY RELATED	
CENG4130	Plant Design and Economics	ACCT1010	Accounting, Business and Society
CENG4720	Environmental Impact Assessment and Management Systems	CENG3230	Reaction and Reactor Engineering
CENG4912	Chemical and Environmental Engineering Project	CENG4710	Environmental Control
CHEM1004	Chemistry in Everyday Life	CHEM4310	Environmental Chemistry
CIVL /ENVR1150	Climate Change Impacts and Extreme Weather Events	CHEM4320	Environmental Analytical Chemistry
CIVL1140	Environmental Quality Control and Improvement	CIVL1160	Civil Engineering and Modern Society
CIVL1170	Big History, Sustainability and Climate Change	CIVL2410	Environmental Assessment and Management
CIVL3420	Water and Wastewater Engineering	CIVL3610	Traffic and Transportation Engineering
CIVL3510	Hydrosystems Engineering	CIVL4100H	Water, Energy and Climate Challenges in Smart Cities
CIVL4450	Carbon Footprint Analysis and Reduction	CIVL4440	Environmental Systems Analysis
CIVL4460	Process Design of Environmental Engineering Facilities	CIVL4620	Transportation System Operations
ECON4434	Economic Development and Growth	ECON2310	Introductory Environmental and Health Economics
ENTR3030	Social Innovations & Entrepreneurship	ENEG/MECH3110	Materials for Energy Technologies
ENVR 30100	Sustainable Urban Development and Responses to Climate Change	ENGG1110	Engineering Solutions to Grand Challenges of the 21st Century
ENVR/SOSC2310	Introductory Environmental and Health Economics	ENGG1130	The Impact and Value of Technology Innovation
ENVR1030	Environment and Health	ENGG2990J	Systems Design Engineering
ENVR1040	The Environment and Society - A Comprehensive Perspective	ENTR 1001	Entrepreneurship 1001: Building Your Own Future
ENVR1050	The Sustainable Citizen	ENVR3220	Energy Resources and Usage
ENVR1070	Thinking Big: Systems Thinking for Environmental Problems	ENVR4000O	Climate Modelling and Risk Assessment
ENVR1080	The Smart Consumer - Uncovering the Hidden Story behind the Product Label	ENVR4320	ESG Management and Reporting
ENVR2002B	Life Cycle Analysis	ENVR4330	Environmental Geographical Information System
ENVR2010	Environmental Science Fundamentals	ENVS3004	Global Climate Change
ENVR2020	Urban Air Pollution	ENVS4001	Environmental Impact and Risk Assessment
ENVR2040	Life Cycle Assessment	ENVS4905	Marine Molecular Biology and Ecology

ENVR2050	Sustainability Thinking	IELM2150	Product Design
ENVR3003	Green Buildings and Energy Efficiency	MECH3420	Engineering Materials II
ENVR3010G	Sustainability Thinking	OCES 1001	The Earth as a Blue Planet
ENVR3110	Sustainable Development	PHYS1001	Physics and the Modern Society
ENVR3310	Green Business Strategy	SCIE1120	Chemistry and Life
ENVR3410	Economics for Environmental Policy and Management	SOSC3880	Social Inequality and Social Mobility
ENVS2001	Environmental Conservation and Sustainability in Practice	HUMA 1000E	Cultures and Values: Freedom, Justice, and the Good
ENVS2004	Introduction to Ocean Science		
ENVS4301	Environmental Conservation		
HUMA2595	Science, Technology and Modern Life		
HUMA2597	Environmental History		
HUMA2621	Culture and Environment		
HUMA2623	Cultural Sustainability in South China		
ISOM1700	Critical Issues in Business Operations		
LIFS/OCES2011	A Practicum on Wetland Conservation		
LIFS1030	Environmental Science		
MARK1220	Marketing and Society		
MECH1902	Energy Systems in a Sustainable World		
MECH1905	Buildings for Contemporary Living		
MECH1906	Mechanical Engineering for Modern Life		
MECH4350	Indoor Air Quality in Buildings		
MGMT2010	Business Ethics and the Individual		
MGMT2130	Business Ethics & Social Responsibility		
MGMT3160	Environmental Business Strategies		
MGMT3170	Managing CSR (Corporate Social Responsibility)		
PHYS1003	Energy and Related Environmental Issues		
SOSC1860	Population and Society		
SOSC2170	Environment, Sustainability and Business: A Design Approach		

SOSC3260	Sustainability Science: Problems and Perspectives
SOSC3540	Psychology of Environmental Sustainability
SOSC4290	China's Sustainable Development
SUST1000	Introduction to Sustainability
ISDN 2200	Systems Thinking and Design