

Sustainability-Related Courses Offered at Tufts University's Medford/Somerville Campus from Fall 2008 – Spring 2011

Includes undergraduate and graduate courses in the School of Arts and Sciences, the School of Engineering and the Fletcher School of Law and Diplomacy

American Studies

AMER066/166- Representing the Environment
AMER141/ELS141- Innovative Social Enterprises, Felice Shapiro
AMER185- Native American Issues – Politics of Representation

Anthropology

ANTH015- Native Peoples and Indigenous Rights in South America, David Guss
ANTH020- Global Cities, Cathy Stanton
ANTH185- Native American Issues

Art History

FAH095- Boston Architecture and Urbanism

Astronomy

AST010-Wanderers in Space, Kenneth Lang

Biology

BIO007ENV007- Environmental Biology, Colin Orians, Michael Reed
BIO010/ENV010- Plants and Humanity, George Ellmore
BIO014- Organisms and Populations, Francie Chew, George Ellmore, Harry Bernheim
BIO051/ENV051- Experiments in Ecology, Francie Chew, Sara Lewis, Philip Starks, George Ellmore, David DesRochers, Colin Orians
BIO142- Population and Community Ecology, Francie Chew
BIO143- Evolutionary Ecology, Erik Dopman
BIO164/ENV164- Marine Biology, Jan Pechenik

Chemical and Biological Engineering

CHBE136/CE136- Air Pollution Control, Wayne Chudyk
CHBE138/CE138- Hazardous Waste Treatment Technologies, Larry Cohen
CHBE170- Technological Processes and the Environment
CHBE193 – Electronic Devices for Energy Applications, Matthew J. Panzer

Chemistry

CHEM008/CE030- Environmental Chemistry, Jonathan Kenny, John Durant, Natalie Capiro
CHEM167/CE167- Environmental Toxicology, Anne Marie Desmarais

Chinese

CHNS108- Rural and Urban China Through Cinema, Xueping Zhong

Civil and Environmental Engineering

CE001- Introduction to Civil and Environmental Engineering, Kurt Pennell
CE032- Environmental Engineering Principles, Steven Chapra, Wayne Chudyk, Kurt Pennell
CE054/CH54/ENV54- Fundamentals of Epidemiology, Mark Woodin
CE070/ENV70- Introduction to Hazardous Materials Management, Anne Marie Desmarais
CE093- Special Topics in Civil and Environmental Engineering (Spring), Christopher Swan, John Durant
CE094- Special Topics in Civil and Environmental Engineering (Fall), Brian Brenner
CE099- Internship in Civil and Environmental Engineering, Brian Brenner, Betsy Kulamer
CE103- Water Quality Monitoring, Steven Chapra
CE112/ENV112- Hydrology/Water Resource, Shafiqul Islam, Richard Vogel
CE113/GEO113- Groundwater, Grant Garven
CE131- River Hydraulics and Restoration, Richard Vogel
CE132- Environmental Engineering Processes, Andrew Ramsburg
CE133- Wastewater Plant Design, Wayne Chudyk
CE137- Public Health, David Gute
CE139- Bioremediation: Natural and Enhanced, Wayne Chudyk
CE142- Advanced Soil Mechanics, Christopher Swan
CE143- Site Remediation, Wayne Chudyk
CE194/GEO132- Groundwater Chemistry and Quality, Grant Garvin
CE201/UEP201/ENV201- Land Use Planning II, Jon Witten
CE202- Environmental Statistics, Richard Vogel
CE207/UEP207/ENV207- Environmental Law, Robert Russell
CE212- Chemical Principles in Environmental and Water Resources Engineering, Wayne Chudyk
CE213- Transport Principles in Environmental and Water Resources Engineering, Andrew Ramsburg
CE214- Environmental and Resource Systems, Annette Huber-Lee and Richard Vogel
CE239- Physicochemical Processes in Water and Wastewater
CE240- Principles of Wastewater Treatment
CE241/MPH241- Biology Water and Health, David Gute

Community Health

CH099- Special Topics: Social Movements and Public Health, Kevin Irwin
CH104- Women and Health, Alissa Spielberg
CH188- Special Topics: Computer and Intelligent Medicine, Simon Glickman

Economics

EC048- Health Economics, Andrea Balan Cohen and Emilia Simeonova
EC124- State and Local Public Finance, Thomas Downes
EC127- Urban Economics, Anna Hardman
EC130- Topics in Environmental Economics, Ekaterina Gnedenko
EC132- Economics of Energy Markets, Gilbert Mitcalf
EC135- Topics in Economic Development
EC144- Income Inequality, Poverty and Economic Justice, Linda Loury
EC165- Labor and Global Supply Chains, Drusilla Brown

Education

ED164/PJS164- Education for Peace and Justice, Deborah Donahue-Keegan and Kathleen Weiler

Engineering-Introduction

EN020- Clean Your Room (CEE)

EN021- Computers and the Environment (CEE), Richard Vogel

EN038- Environmental Measurements (CEE)

EN068- Ecology of Business (CEE), Stephen Levine

English

ENG160/ENV160/PSJ150- Environmental Justice and U.S. Literature, Elizabeth Ammons

Nutrition

NUTR215/UEP223- Fundamental of U.S. Agriculture, Tim Griffin

NUTR233- Agriculture Science and Politics I, Tim Griffin

NUTR324/DHP213 – Humanitarian Politics, Peter Walker

NUTR327– Food Systems, Hugh Joseph

NUTR333- Agriculture Science and Politics II, Tim Griffin

Environmental Studies

ENV099- Environmental Internship, George Ellmore

ENV193-02/UEP232- Introduction to GIS, Barbara Parmenter

ENV196-05/UEP294-05- Remote Sensing, Eman Ghoneim

ENV200-01/UEP200- Land Use Planning, Jon D. Witten

ENV286-01/UEP286- Environmental Ethics, Sheldon Krinsky

Experimental College

EXP021-F- Eco-Psychology

EXP038-S- The Consumer Society

EXP058-CF- Marketing for Social Change, Dorie Clark

EXP065-F- Healing Plants: Culture and Ecology in South America, Angela Steward, Selena Ahmed

EXP085-S- Ethical Leadership in Business, Steve Frigand

Fletcher School

DHP P214: Introduction to Global Health

EIB B284: Petroleum in the Global Economy

DHP D236: Global Migration and Displacement

DHP D237: Nutrition in Complex Emergencies: Policies, Practice and Decision-making

EIB E215m: Empirical Topics in Globalization

DHP P216: Resilience Audits in International Humanitarian Policy and Public health

EIB E247 Economic Development and Econometric impact evaluation

DHP P290: Migration and Transnationalism in Latin America

Geology

GEO002- Environmental Geology w/Lab, Jack Ridge, Jacob Benner, Anne Gardulski, Molly McCanta

GEO005- Introduction to Oceanography, Anne Gardulski

GEO115- Quaternary and Glacial Geology, Jack Ridge

History

HIST103- Consumption, Power and Identity: Food and Clothing in Modern Times, Ina Baghdiantz McCabe

Peace and Justice Studies

PJS111/SOC111- Social Change and Community Organizing

PJS114- Social Movements in American Politics

PJS135-01/SOC135- Social Movements, Matthew Gregory

PJS141/Phil141- Global Justice, Lionel McPherson

Philosophy

PHIL024- Intro to Ethics, David Denby

PHIL124- Bioethics, Mitchel Silver

Physics

PHY005- The Nuclear Age-Its Physics and History

Political Science

PS173- International Environmental Politics

PS188-20 – Politics of International Environmental Negotiation, Nancy Gleason

PS194- U.S. Environmental Policy, Kent Portney

PS250 – Elements of International Environmental Policy, William Moomaw

Psychology

PSY013- Social Psychology, Sina Nathanson

Sociology

SOC050- Globalization and Social Space, Anna da Silva, Paul Joseph

SOC113- Urban Sociology, Ryan Centner

SOC184/UEP273- Non-profits, States and Markets, Susa Ostrander

Urban and Environmental Policy and Planning

UEP122- Biotechnology: Social and Environmental Issues, Sheldo Krinsky

UEP166- Environment, Development, and Security in International Politics, Ingar

Palmlund, Ann Urosevich, Maria Nicolau

UEP171- Planning Challenges

UEP173- Transportation Planning, Mark Chase

UEP 174- Clean Air and Water, Rusty Russell

UEP178- Planning for Low Impact Development, Jon D. Witten

UEP191- Philanthropy and Fundraising, Patricia Bonner-DuVal, Sylvia Johnson

UEP205- Urban Planning and Design, Christine Cousineau

UEP262- Environmental Economics

UEP267- Methods in Environmental Impact Assessment

UEP279- Water Resources Policy and Planning and Watershed Management, Scott Horsley

UEP283- Environmental Communication and Education

UEP290- Integrated Assessment of Freshwater Resources: Issues and Methods