

**Certificate Program in Environmental Studies
Fall 2008 Course Offerings**

ENV 201A and ENV201B (ST): Fundamentals in Environmental Studies: Population, Land Use, Biodiversity, and Energy (Core) – L. Hedin, D. Wilcove, E. Zerba

ENV 305: Topics in Environmental Studies: Building American Style - Land-Use Policies and Rules (Social Science Cognate) – F. Popper, D. Popper

ENV 307: Agriculture and Food: A Foundation for Living (Social Science Cognate and Siebel Energy Grand Challenge) – X. Morin

ENV 309: Historic American Gardens and Designed Landscapes: Art Meets Environmentalism (Humanities Cognate) – W. Barksdale Maynard

Cross-Listed Courses

GEO 323/ENV 323: Earth System Science I: The Atmosphere and Ocean in Motion (Natural Science Cognate) – S. Philander

GEO 331/CHM 331/ENV 331 (STX): Introduction to Environmental Geochemistry: Chemistry of the Natural Systems (Natural Science Cognate) – S. Myneni

EEB 341/ENV 341: Water, Savannas and Society: Resilience and Sustainability in African Drylands (Natural Science or Social Science Cognate and Development Grand Challenge) – E. King

GEO 399/ENV 399: Environmental Decision Making (Natural Science or Social Science Cognate) – G. van der Vink

ELE 431/MAE 431/ENV 431 (QR): Solar Energy Conversion (Engineering Cognate and Siebel Energy Grand Challenge) – S. Wagner, E. Carter

Cognate Courses Offered by Other Departments

FRS 105 (QR): Water: Keystone for Sustainable Development (5th ENV Course and Development Grand Challenge) – Ignacio Rodriguez-Iturbe

FRS 143 (LA): Walden in Our Time (Humanities Cognate) – W. Howarth

FRS 145 (ST): Earth's Changing Surface and Climate (Natural Science Cognate) – A. Maloof, F. Simons, R. Phinney

FRS 171 (ST): Signals, Yardsticks, and Tipping Points of Global Warming (5th ENV Course and Energy Grand Challenge) – E. Zerba

WWS 307/ECO 349: Economics and Public Policy (Social Science Cognate) – E. Bogan

ANT 314 (SA): The Anthropology of Development (Social Science Cognate and Development Grand Challenge) – C. Rouse

WWS 316 (SA): Health and the Environment (Social Science or Natural Science Cognate and Health Grand Challenge) – B. Singer

EEB 308: Conservation Biology (Natural Science Cognate) – Staff

EEB 321: Introduction to Population and Community Ecology (Natural Science Cognate) – H. Horn

ECO 329/ENV 319 (SA): Environmental Economics (Humanities Cognate) – S. Brunnermeier

EEB 417A/ENV 417A: Ecosystems and Global Change (Natural Science Cognate) – L. Hedin

GEO 418/CHM 418: Environmental Aqueous Geochemistry (Natural Science Cognate) – F. Morel

