Number & Title of Course: ARPL 231/531, Introduction to Sustainability, 3 credits.

Course Description:
This course serves as a formal introduction to broad sustainable principles ranging from ethics and social justice to passive and active design strategies.

Course Goals & Objectives:
The goals of the course are to:
- Develop an awareness of how every individual’s actions and activities can have an influence on the natural environment.
- Develop an awareness of how, as designers, architects can generate and influence changes to the built and natural environments. As designers informed by large scale ethical issues architects can design environments that are sustainable and healing.

Student Performance Criterion/a addressed:
A.9. Historical Traditions and Global Culture.
A.10. Cultural Diversity
B.3. Sustainability
B.8. Environmental Systems
B.10. Building Envelope Systems
B.11. Building Service Systems

Topical Outline (include percentage of time in course spent in each subject area):
Global Culture/Social Justice/Public Interest Design (20%)
Environmental systems/building service systems (20%)
Building Enclosures (10%)
Sustainable Design Strategies/implementation (50%)

Prerequisites:
None

Textbooks/Learning Resources:
McDonough, William and Braungart, Michael, cradle to cradle (North Point Press, 2002)

Offered:
Fall only; annually

Faculty assigned:
Chris Grech (F/T)