Building Greenscapes - I

Course: ARCH 4/507       CRN: tbd, 2 credit hours
This 2-credit course is to be taken in conjunction with the 2-credit course called Building Greenscapes-II offered by the same instructor in Spring 2012 to fulfill the Advanced Technology requirement

Instructor: Adjunct Professor Ben Vaughn, bvaughn@walkermacy.com
Walker Macy Landscape Architects

Class Meeting: Wednesday, time 10:30am to 12:30pm
White Stag Building - Room TBD

Course Description
This course will introduce students to the technical aspects of building greenscapes integrated with building architecture. This course will start with a broader context of low impact development strategies for urban areas in the winter term and then apply the principles learned in a design exercise in the spring term. Through instructor lectures, guest lectures, weekly reading, class discussions, field trips and a research paper, students will develop an understanding of the following strategies:
- Greenroofs
- Livingwalls
- Stormwater / water harvesting
- Hard engineering vs soft engineering
- Integrated building / site design

This course is intended to serve as preparation for professional work with the field of architecture and landscape architecture. The vocabulary and technical skills required to design low impact developments will be essential to the next generation of design professions.

Reading Assignment
Required Text: LID low impact development. University of Arkansas Community Design Center. Other reading will be distributed electronically.

Requirements
Participation in class discussions, weekly readings, and class attendance
Research paper and case study on low impact development

Graduate students will additionally be required to present their case studies to the class and lead a class discussion.