Agenda (sample)

Urban Design: Ecological Planning and Sustainable Design
URBD787, Fall 2015

This course will examine how to integrate ecological planning and sustainability into the urban design process. Ecological planning will be examined through three themes – process, systems, and change. Central to these themes will be ecological design for sustainability, green building, and green/brown field case studies. Participants will examine site evaluation processes and discover hidden assets in underlying natural resources. Emerging concepts like “Net Environmental Gain” and “Eco-economics” will be examined through case studies using worksheets that can be applied to a variety of projects and situations.

Purpose:
• Provide an overview of the state of Ecological Planning and emerging trends such as Sustainable Urban Design, Green Building, Smart Growth, and Alternative Development Standards.
• Understand the five components of Eco-Planning – water, soil, vegetation, air, and wildlife as part of the overall ecological system.
• Learn to use multiple objectives and an integrated process to introduce effective ecological planning strategies into sustainable urban design projects.
• Examine specific projects to develop skills in “site reading” and the ability to utilize the natural assets of the site in an economic, cultural and environmentally responsible manner.
• Review current innovations in regulations and process that showcase the potential of ecological planning.
• Review the barriers, opportunities and incentives for action through case studies.

Day 1

9:00 AM: Introductions/Interests/Expectations/ Overview

9:15 AM: Ecological Fundamentals: Reverse Development Approach – Land First! (Big Ideas, process, systems, change, and components) (Michael von Hausen)

10:15 AM: BREAK
10:30 AM:  Case Studies (Michael von Hausen)

12:00 PM:  LUNCH

1:00 PM:  Green Buildings - LEED (Thomas Mueller)

2:45 PM:  BREAK

3 PM  Green Roofs Case Studies (Randall Sharp)

4:30 PM:  Panel Discussion -- Barriers and Breakthrough Strategies (Randall Sharp, Thomas Mueller, Michael von Hausen)

5:30 PM:  Adjournment

Day 2

9:00 AM:  Southeast False Creek — the Good, the Bad, the Ugly
Roger Bayley

10:30 AM:  Break

10:45 AM  Southeast False Creek — the Good, the Bad, the Ugly, cont’d

11:45 AM:  Discussion

12:00 PM:  LUNCH

1:00 PM:  Team Sustainability Studio (Mission)
Michael von Hausen and Frank Ducote

3:00 PM:  Presentation Preparation

3:30 PM:  Team Presentations of 3 Big Eco-Ideas, Sustainability and break-through strategies

5:00 PM:  Lessons learned

5:30 PM:  Adjournment