UCLA Leaders in Sustainability:
Interdisciplinary certificate program

http://www.ioe.ucla.edu/lis/
Sustainability at UCLA

How Green is Your Campus?
Today at UCLA, the sustainability pipeline is bulging with new initiatives large and small, from the university’s first-ever Climate Action Plan all the way down to weekly, student-run delivery of locally farmed produce.

Quick Facts
- The Green Initiative Fund (TGIF) will raise $200,000 per year for UCLA greening projects.
- All of UCLA’s computers are Energy Star rated and standard configurations for desktop computers and notebooks/monitors are EPEAT certified gold and silver respectively.
- UCLA’s energy consumption per sq. ft. has continued to drop over the last 8 years
- All new construction and major renovations commit to divert 75% of construction waste from landfills.

Refresh browser for more quick facts
LiS mission statement

Through leadership development and multidisciplinary education that integrates principles of economic health, environmental quality, and social equity, the UCLA Leaders in Sustainability Graduate Emphasis provides students with the knowledge and skills necessary to advance sustainability in their fields.

(As drafted by the 2006-2007 LiS students.)
LiS objectives

Students in the LiS program will:

1. Connect with sustainability professionals

2. Learn to integrate and apply the three components of sustainability in their fields

3. Receive some leadership training

4. Gain exposure to best practices, models and materials

5. Have opportunities for practical experience

6. Interact and collaborate with students from other disciplines
Faculty support around campus

Executive committee:
- Charles Corbett (Anderson)
- Magali Delmas (IoE)
- Sean Hecht (Law)
- Tim Malloy (Law)
- Carl Maida (Dentistry)
- Vasilios Manousiouthakis (Chem Engg)
- JR de Shazo (Public Affairs)

Advisory board:
- Richard Ambrose (Public Health)
- Ann Carlson (Law)
- Randall Crane (Public Affairs)
- Chris Erickson (Anderson)
- Deborah Estrin (Computer Science)
- Erik Hoek (Civil & Env Engg)
- Sanford Jacoby (Anderson)
- William Kaiser (Electrical Engg)
- Tom Smith (IoE)
- Romain Wacziarg (Anderson)
98 LiS students in 2008-09:

<table>
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External support

- Boston Consulting Group
- Norcal Waste
  www.norcalwaste.com
- NBC Universal
- Mattel
September 12, 2007

Charles Corbett
Associate Professor
Leaders in Sustainability Emphasis
University of California Los Angeles
405 Hilgard Avenue
Los Angeles, California 90024

Re: Support for ‘Leaders in Sustainability’ Emphasis

Dear Professor Corbett:

I write to support the University of California Los Angeles (UCLA) ‘Leaders in Sustainability’ Emphasis. I believe it is an excellent opportunity for students to pursue an education in many of today’s pressing issues and become tomorrow’s leaders for sustainability. Los Angeles takes sustainability seriously and we have embarked on an effort to make LA the greenest big city in America. We look forward to receiving your bright, well-educated students and graduates as employees.

Sincerely,

NANCY SUTLEY
Deputy Mayor, Energy and Environment
Leaders in Sustainability outline

• Requirements (these will evolve)
  – one “core” course (Winter 2010, 2 units)
  – 3 sustainability-related elective courses, including at least 2 outside “home” department
    • Note: there is NO list of “approved” courses, we evaluate each student’s portfolio
  – project component
  – leadership component
    • in the core course
    • leadership activities outside the courses
  – other events

• 1-year vs. duration of graduate studies: you choose
  www.leadersinsustainability.com
The sustainability “core” course

- Winter quarter, every year

- Winter 2010: 2 units, ESE 277 (School of Public Health)

- Mix of theory of sustainability, applications, simulations, case discussions, analysis of sustainability reports, guest speakers, and projects

- Instructors: members of the executive committee and advisory board
Sample courses at UCLA

- Environmental Law
- Environmental Law Clinic
- Water Law
- California Sustainable Development: An Economic Perspective
- Environmental Economics
- Economics of Environmental Regulation
- Urban Environmental Problems: Water Resources
- Environmentalism: Past, Present & Future
- China's Urban Sustainability Challenge
- Transportation and Environmental Issues
- Introduction to Sustainable Architecture and Community Planning
- Building Climatology
- Green building
- Business and the Environment
- Management in Public and Private Nonprofit Sectors
- Social Entrepreneurship (2x)
- Green Energy Entrepreneurship and Strategy (Winter)
- Industrial Ecology

and more..... see the website for updates
Other LiS events

• Dinners for 8: students meet local sustainability leaders over dinner

• Speakers and events
  – make sure you are on the mailing lists (SRC, EWB, NetImpact, etc) so you don’t miss the many great speakers that already come to campus
  – and go to events in other departments
Sample paths of study for LiS

2-year MBA student, option 1:
• yr1: MBA core and electives, LiS core
• yr2: MBA and LiS electives, appropriate AMR project
• participate in LiS events throughout years 1 and 2

2-year MBA student, option 2:
• yr1: MBA core and electives
• yr2: MBA and LiS electives, LiS core, appropriate AMR project
• participate in LiS events primarily in year 2

4-year JD/PP student, option 1:
• yr1: JD courses
• yr2: JD courses, LiS core
• yr3: JD, PP courses, LiS electives
• yr4: JD, PP courses, LiS electives, LiS capstone project
• participate in LiS events primarily in year 2&3&4

4-year JD/PP student, option 2:
• yr1+2: JD courses
• yr3: JD, PP courses, LiS core
• yr4: JD, PP courses, LiS electives, LiS capstone project
• participate in LiS events primarily in year 3&4

The point is: there are many options.
LiS target audience

- graduate students in existing disciplines who want to deepen focus on sustainability without extending their studies by doing a full dual degree
Administrative support

Christine Lee
PhD Candidate, Civil & Environmental Engineering
christine.lee@ucla.edu

Kristen Perry
MPP/MBA Candidate
kristeneperry@gmail.com
How you can participate

• Students
  – to register: send resume + 1 page essay (with photo) of why you want to participate in the emphasis and how you expect to benefit, to the Director
    • charles.corbett@anderson.ucla.edu
  – your essay and resume and photo will be shared with all other students in the emphasis as a way to get to know each other
  – deadline: November 15, 2009

• External
  – we welcome all moral and financial support and advice from interested organizations, including for-profits, non-profits, and government agencies
Leaders in Sustainability, unite!