



Summer Study on Nantucket



## UC 118

# Biomimicry: Nature's Guide Toward Solutions

June 3 - 16, 2012

### The Program

**Biomimicry** is an emerging discipline that utilizes biological models to evolve sustainable solutions to environmental and design challenges. Through biomimicry we learn from nature's 3.8 billion years old wisdom and ask the question: What would nature do?

Biomimicry encourages interdisciplinary discourse, bringing together design professionals and students (architecture, interior design and landscape architecture), as well those rooted in the sciences (biology, natural resources and the environment).

On Nantucket, students will be immersed in a New England island setting living close to nature and learning about environmental issues and related sustainable design strategies. By learning from and then emulating nature, biomimicry provides an ecologically sound guide to implement sustainable designs.

Prerequisite: This course is open to juniors and seniors, or by permission of the instructor.

### Visiting Lecturer

Karen Sullivan, award winning architect & LEED AP, will lend her expertise in design and biomimicry the second week of the course. Ms. Sullivan is a principal of Via Design, Ltd., specializing in sustainable design.

### Course Information

*Biomimicry: Nature's Guide Toward Solutions* awards 3 credits for UC 118. Interested students should contact the program director, Professor Anamarija Frankic.

### Course Fee

The course fee of \$1,420 includes cost of accommodation in housing facilities on Nantucket. Fees do not include meals, books or transportation to and from Nantucket.

### For More Information

For more information about this course, please contact:

Anamarija Frankic  
anamarija.frankic@umb.edu  
617.287.4415

Dr. Frankic is also the director of the Green Boston Harbor Project. More information about this initiative may be found at: [umb.edu/gbh](http://umb.edu/gbh)

### About Our Nantucket Programs

Summer courses in art and environmental science are taught by distinguished UMass Boston faculty at the 107-acre Nantucket Field Station/Grace Grossman Environmental Center.

4 miles from downtown Nantucket, the Nantucket Field Station (NFS) site includes a 40 acre salt marsh, 2,000 feet of sandy beach fronting on Nantucket harbor, mowed fields, upland shrub habitat, and a large freshwater pond.

### UMass Boston Nantucket Field Station

For more information about the Field Station, accommodations and facilities on Nantucket, please contact:

Sarah Oktay, Director  
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[umb.edu/nantucket/](http://umb.edu/nantucket/)

[summer.umb.edu/nantucket/](http://summer.umb.edu/nantucket/)

