FRESHMAN SEMINAR
(INT 94PN)

Thinking Spatially in the Arts and Sciences

Wednesdays, 2 Oct.–4 Dec., 2013
4:00–4:50 p.m.
HSSB 2201
Enrollment Code 26542

- Explore spatial reasoning for problem solving (sciences), creative expression (arts), and interpretation (humanities)
- Learn how statistics, graphs, maps, and virtual reality aid learning, analysis, data visualization, discovery/solutions to socio-environmental problems, and space/place interpretation
- Arts, humanities, social and natural sciences, and engineering faculty illustrate spatial tools to integrate knowledge across disciplines

2 Oct. Mary Hegarty, Professor, Psychological and Brain Sciences; Donald Janelle, Researcher, Center for Spatial Studies; and Daniel Montello, Professor, Geography
Why Think Spatially? Spatial Studies at UCSB

9 Oct. Mary Hegarty and Daniel Montello
Sense-of-Direction: Are You a Space Wizard or Just Lost in Space?

16 Oct. Richard Church, Professor, Geography
The Art Gallery Problem: A Spatial Perspective

23 Oct. Wendy Meiring, Associate Professor, Statistics and Applied Probability
Spatial Association and Spatial Prediction

30 Oct. Volker Welter, Professor, History of Art & Architecture
Architecture: Learning to Dwell in Space

6 Nov. Kim Yasuda, Professor, Art Studio
Proximity Art Research

13 Nov. Jon Jablonski, Librarian, Map & Imagery Laboratory, Davidson Library
A History of Maps in 45 Minutes

20 Nov. Donald Janelle
Convergent Places, Warped Spaces

4 Dec. Michael Goodchild, Professor Emeritus, Geography
How I Think Spatially

Note: Professor Hegarty is the professor of record and Dr. Janelle is the course coordinator for INT 94PN