FRESHMAN SEMINAR
(INT 94PN)

Thinking Spatially in the Arts and Sciences

Mondays, 1 Oct.–3 Dec., 2012
4:00–4:50 p.m.
HSSB 1206
Enrollment Code 53181

- 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

1 Oct. Mary Hegarty, Professor, Psychological and Brain Sciences; Donald Janelle, Researcher, Center for Spatial Studies; and Daniel Montello, Professor, Geography
Spatial Studies at UCSB

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

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

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

29 Oct. Matthew Turk, Professor, Computer Science
The Future will be in 3D

5 Nov. Kim Yasuda, Professor, Art
Proximity Art Research

12 Nov. Holiday

19 Nov. Volker Welter, Associate Professor, History of Art & Architecture
Architecture: Learning to Dwell in Space

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

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

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