



**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*