

FALL 2014

FRESHMAN SEMINAR

(INT 94PN)

Thinking Spatially in the Arts and Sciences

Wednesdays, 8 Oct.–10 Dec., 2014

3:00–3:50 p.m.

3512 Phelps Hall

Enrollment Code 27417

- **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

- 8 Oct. **Werner Kuhn**, Professor, Geography and Director, Center for Spatial Studies
Mary Hegarty, Professor, Psychological & Brain Sciences
Andrea Ballatore, Research Coordinator, Center for Spatial Studies
Why Think Spatially? Spatial Studies at UCSB
- 15 Oct. **Jon Jablonski**, Librarian, Map & Imagery Laboratory, Davidson Library
Spatial Information Management
- 22 Oct. **Volker Welter**, Professor, History of Art & Architecture
Architecture: Learning to Dwell in Space
- 29 Oct. **Mary Hegarty** and **Daniel Montello**
Sense-of-Direction: Are You a Space Wizard or Just Lost in Space?
- 5 Nov. **Wendy Meiring**, Associate Professor, Statistics and Applied Probability
Spatial Association and Spatial Prediction
- 12 Nov. **Kim Yasuda**, Professor, Art Studio
Proximity Art Research
- 19 Nov. **Richard Church**, Professor, Geography
The Art Gallery Problem: A Spatial Perspective
- 26 Nov. No class, Thanksgiving
- 3 Dec. **Will McClintock**, Project Scientist, Marine Science Institute
Collaborative Geodesign and Marine Spatial Planning with Seasketch
- 10 Dec. **Werner Kuhn, Mary Hegarty, & Andrea Ballatore**
Review and Discussion of Opportunities for Spatial Studies at UCSB

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