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
How I Think Spatially, and Review, Discuss Opportunities for Spatial Studies at UCSB

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