Graduate Courses
Spring 2017
cas.ou.edu/course-schedules

5513 – Advanced Studies in the History of Ancient and Medieval Science
Prerequisite: Graduate standing and permission of instructor

**Section 001 Professor Steven J. Livesey**
M 1:30-4:20 BL 418
Thematic historical analyses of ancient and/or medieval foundations of science, focusing on the development of particular disciplines or scientific institutions, the relationship between science and religion, or transmission of science. Includes examination of sources and critical assessment of scholarly interpretations.

5550 – Topics in the History of Science - Islamic Science
Prerequisite: Graduate standing and permission of instructor

**Section 001 Professor Peter Barker**
W 1:30-4:20 Kaufman 319
Survey of current scholarship, including material intended to advance current research by students here, but also with the aim of providing a firm historical foundation for others wishing to understand the history of science in Islamicate societies. Topics covered will include: the historiography of the 'decline thesis', denials of Copernicus' debt to Islamic astronomy, and scientific activity in the Ottoman, Safavid and Mughal empires after 1500.

5550 – Topics in the History of Science - Gender Issues in Science, Technology and Medicine
Prerequisite: Graduate standing and permission of instructor

**Section 002 Associate Professor Katherine Pandora**
M 9:00-11:50 a.m. PhSc 626
Historical analysis of gender issues in science, technology and medicine, and in comparison with current practices. Topics will include questions in scientific method, particularly the concept of “objectivity,” bio-social theories of gender; gender issues in scientific inquiry, in the development of and engagement with technologies, and in medical thought and practice; media images; and feminist science fiction.

5613 – Issues and Methods in the Digital Humanities
Prerequisite: Graduate standing and permission of instructor
(Slashlisted with 4613; no student may earn credit for both 4613 and 5613.)

**Section 001 Associate Professor Katherine Pandora**
T 1:30-4:20 Burton 208
Introduction to the central issues, methods, and tools in the emerging field of the digital humanities. Digital humanities is an interdisciplinary set of methods, concepts, values, and practices that enable scholars to create and apply new technologies to answer social, cultural, and historical questions.

5990 – Graduate Survey: History of Science since the 17th Century
Prerequisite: Graduate standing and permission of instructor

**Section 002 Associate Professor Stephen Weldon (coordinator)**
R 1:30-4:20 BL 418
Participating faculty: Associate Professor Piers Hale, Professor Hunter Heyck, Associate Professor Suzanne Moon, Associate Professor Katherine Pandora, Assistant Professor Peter Soppelsa
Graduate introduction to selected topics in the history of modern science. Possible topics include history of biology and the environment, history of technology, history of science and popular culture, history of the social sciences, and history of the relationship between science and religion.

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