

# Announcing a SPRING 2010 Course: Time, Space and Place The History of Mathematics and Science in England from 1500-1850 May 6-18, 2012

After the Spring Semester of this year, there will be an opportunity for a small group of students to study the history of mathematics, computing and science in England by going on a 12-day study trip. The primary focus of this trip will be on the relationship between the development of mathematics and the related developments made in physics, time keeping, astronomy, the early development of computer, art and architecture. **The class provides one unit of mathematics elective credit that is applicable to the math major and minor as well as math concentrations for liberal studies majors. It also allows you to study abroad and be back early enough in the summer to have a summer job or be part of a PLNU summer research program.** To see photos from a recent trip go to: <http://www.pointloma.edu/experience/academics/schools-departments/departments-mathematical-information-computer-sciences/photo-gallery-and-events/england-trip-summer-2008>.

The group will be based in London and the details of the course will be connected to the majors of the students who sign up. Some of sites that will be part of the curriculum are:

- British Museum and National Gallery
- Stonehenge and other prehistoric locations
- Bath
- Hampton Court (the home of Henry VIII)
- London Churches including St. Paul's Cathedral
- Greenwich (the site of Greenwich Mean Time and the Royal Observatory)
- Bletchley Park (home of early computers and WWII code breaking)
- Oxford or Cambridge University

Personal time:

- There will be some free afternoons so that you can shop or go to see tourist sites in and around London.
- If you would like to remain in Europe after the course, it will be possible to purchase a plane ticket with a later return date.
- It is also possible to use frequent flier miles to obtain your ticket (we need to discuss how this might work).

The details:

- The Professor: Dr. Maria Zack from the Department of Mathematical, Information and Computer Sciences
- To take this course you need to register for **Math 471: History of Mathematics Study Tour** (1 unit)
- Prerequisites: The course requires "instructor approval," so if you want to register you will need to contact Dr. Zack and discuss the trip with her so that she can enter the approval into the computer (mzack@pointloma.edu).
- Class Size: the course is limited to 10 students
- Cost: the course will cost \$3,250 (this includes airfare, lodging, all transportation, all admissions, all breakfasts, most lunches and all but two dinners) plus spending money. This price may go down depending on the number of students that enroll for the course. The course fee will be added to your Spring school bill. **The tuition will be part of your block tuition payment for Spring Semester so there will not be any additional cost for the unit.**

Course requirements/grading:

- Four class meetings (to be determined by the group) and some reading during the spring semester
- Preparation during the semester for one 10-15 minute oral report (topics to be handed out at the organizational meetings and you will need to meet individually with Dr. Zack to prepare your topic)
- Participation in the activities on the trip
- Delivery of your oral report on the trip
- Daily homework while on the trip

**FOR MORE INFORMATION CONTACT DR. ZACK AT [mzack@pointloma.edu](mailto:mzack@pointloma.edu) OR X2458 OR AT HER OFFICE IN RohR SCIENCE 222.**