

# Digital Humanities Graduate Certificate

## Spring 2016 courses

### DIGITAL HUMANITIES CERTIFICATE ELECTIVES:

#### **ENG 477 Digital Publishing (Professor Paul Thomas)**

**TH 6-9:15**

The publishing industry once dominated by print is now mostly digital. This shift represents more than a format change but also a change in the way writers and publishing professionals think, create, and engage with their audiences. This course aims to better equip students for digitally-oriented careers. Readings will focus on the changing mindset and habits that publishing professionals exhibit today and on what it really means *to publish*. Classes will be discussion-based and hands-on, designed for individuals to share their skills and to support each other's learning. While a highly technical understanding of web publishing tools is not required, students will have the opportunity to conceptualize and publish their own blog as the main course project. The instructor brings his professional publishing and communications experience into discussions and encourages students to do the same.

#### **GEO 441 GIS for Community Development (Professor Nandhini Gulasingham)**

**W 5:45-9pm**

This course will focus on applications of Geographic Information Systems (GIS) to community studies and community development. As an amalgam of information technologies (e.g. database management, Web 2.0) and earth measurement technologies (e.g. global positioning systems, remote sensing), GIS is rapidly entering the realm of community development. The course will explain how GIS works; enable students to learn techniques including mapping, spatial analysis, and data management; and provide students with the opportunity to apply GIS to community development. Cross-listed with MPS 552.

#### **GEO 445 Programming in Python for GIS (Professor Julie Hwang)**

**T/TH 4:20-5:50**

Knowledge of a scripting language is a valuable skill for GIS analysts. Students will learn the basics of Python (a programming language), including script writing and implementation. By completing this course, students should be able to manipulate GIS data, automate GIS work flows, and develop customized GIS tools by writing script in Python in ArcGIS. The class is largely conducted through hands-on activities in a GIS laboratory. Cross-listed with GEO 345. *NOTE: GEO 440 or GEO 441 or successful completion of a GIS certificate or Instructor permission is a prerequisite for this class.*

## **NMS 509 Designing Web Interactivity (Professor Eduardo Moreno)**

**T 6-9:15**

## **DMA 525 Foundation of Digital Media**

**TH 5:45-9 \* LOOP Campus**

This introductory course will provide students with a detailed practical introduction to the technological practices, skills, and tools of digital communication. Students will engage with digital technology with the goals of learning and practicing technical skills across a range of technologies, including video, audio, graphic design, and human-computer interaction. Students work with still images, moving images and sound using integrated digital media applications. The course focuses on the technical, social and cultural competencies required to traverse media in online convergence environments. This class provides students a hands-on approach to digital communication. This course will also prepare students to work with digital technology at future jobs. PREREQUISITE(S): None

**For more information about the Graduate Certificate in Digital Humanities, contact Prof. John Shanahan (English) at 773-325-7309 or [jshanah1@depaul.edu](mailto:jshanah1@depaul.edu) Prof. Tony Ceraso (New Media Studies) at [aceraso@depaul.edu](mailto:aceraso@depaul.edu)**