Courses at UIC During Academic Year 2012-2013

ANTH 477 - Remote Sensing of the Environment – Fall 4h (Same as GEOG 477)
Principles and practices of processing and interpretation of remotely sensed imagery including aerial photographs, radar and multispectral satellite images, and use of image-processing software

ANTH 481 - Geographic Information Systems I – Fall 4h (Same as GEOG 481)
Components and performance properties of geographic information systems, geographic hierarchies, and data structures. Problems and solutions in handling large geographic files.

ANTH 482 - Geographic Information Systems II – Spring 4h (Same as GEOG 482)
Application of raster (or grid) based geographic information systems to the spatial analysis of landscapes.

EOHS 564 - Geographic Information System Application in Public Health – Fall 3h (Same as HPA 564)
This is an on-line course. Examination of GIS applications in public health and the process of designing a GIS-based public health investigation.
Prerequisites: BSTT 400 and HPA 465; and graduate or professional standing; and consent of the instructor.

PA 465 – Geographic Information Systems (GIS) for Public Managers – Spring 4h
Geographic information systems (GIS) technologies rapidly are becoming a central feature in day to day operations and the decision support systems of many public sector organizations. Individuals completing this course will have an understanding of fundamental GIS tools and applications as well as the challenges in implementing and sustaining a GIS function in the public setting.

UPP 461 - GIS for Planners – Fall & Spring (Same as GEOG 469)
Introduction to geographic information systems using ArcGIS software. Students will learn basics data handling; principles of GIS; map projections; and how to frame and answer GIS-based questions.

UPP 462 - Intermediate GIS for Planners – Fall & Spring
Beyond basic GIS, this course includes ArcGIS extensions Network Analyst and Spatial Analyst; working with geodatabases; model builder; data manipulation; and editing techniques. Students will become independent GIS users.

FREE Online ESRI Courses

When registering for ESRI Virtual Campus Courses, ALWAYS use your UIC email address (e.g., janedoe77@uic.edu) when registering.

As a UIC student, faculty, or staff, you can sign up to take free online courses with ESRI to learn ArcGIS software. To take a class follow these steps below:

1) Look for a class you want to take by looking at the ESRI Online Course Catalog here: http://training.esri.com/gateway/index.cfm?fa=catalog.gateway. Be sure to check out the “Learning Pathways” that ESRI offers. These are
a set of pre-selected classes that, when combined, offer you a foundation in the topic area. Learning Pathways are found here: http://training.esri.com/gateway/index.cfm?fa=pubPaths.paths&.

Remember to write down the courses you want to take and the version in the title, if any, such as “Introduction to ArcGIS Image Server 9.2.”

2) Create a login and password on the ESRI site here: https://webaccounts.esri.com/CAS/index.cfm. (Select the “Create account” option in the gray box at left.

3) Then, create a new email (use the subject “ESRI Online Course codes” or something similar) containing the following info:
   - For individuals:
     - The full title of the course(s) you want to take
     - Your name and email address (your UIC email address, such as “janedoe77@uic.edu”)
   - For faculty wishing to teach a class using the ESRI Online Virtual Course:
     - The full title of the course(s) you want to teach
     - The number of UIC students to be registered
     - Your name and email address (your UIC email address, such as “janedoe77@uic.edu”)

4) Then, send this email to software@uic.edu. They will respond within 1 to 3 days roughly with codes for the various courses.

5) Once you have your course codes, log into the ESRI site at: http://training.esri.com/gateway/index.cfm?fa=myTraining.gateway and click on Login. (If you forget the URL, you can always do a web search/Google “ESRI my training.”)

6) Then, click on the Training button in the menu bar at the top, and select “My Training” on the next page.

7) Select “My Training.”
8) Click on “My Virtual Campus Training,” and then input your **14-digit course code** you received in the email from ACCC into the “Start a New Web Course” prompt. Then, click “Go.”

![Image of My Virtual Campus Training and Start a New Web Course]

9) To start the course, go back to “My Training” and click on the course you want to take.