GIS Courses at UIC & FREE Online ESRI Courses

Courses at UIC During Academic Year 2014-2015

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 436 - GIS for Environmental and Public Health Professionals– Fall 4h (Same as HPA 436)

This is an on-line course. Examination of GIS applications in public health and the process of designing a GIS-based public health investigation. Corequisites: EOHS 475 / HPA 480. Recommended background: Computer skills; graduate or professional standing; and consent of the instructor. To learn more about the on-line Public Health GIS certificate program, see http://publichealth.uic.edu/academics/certificates/publichealthgeographicinformationsystems/

PA 465 – Geographic Information Systems (GIS) for Public Managers – Fall 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.

UPP 493 - Topics in Urban Planning and Policy: GIS Project Management Studio, 1h, Summer 2015

This workshop style class give students with knowledge of GIS a short consulting experience, exposure to GIS project management concepts and developing GIS information products. A public or private entity serves as the client and provides a GIS project for the students to tackle. Students work collaboratively in the lab and out in the field.

FREE Online ESRI Courses

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

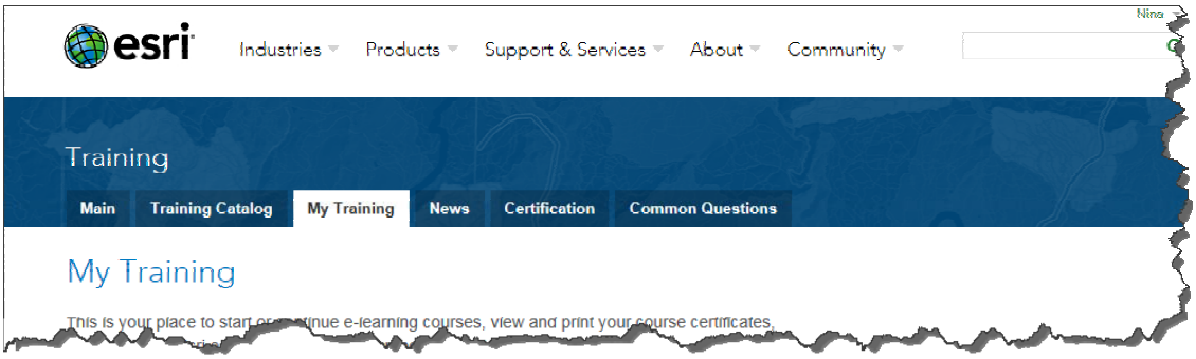
As a UIC student, faculty, or staff, you can sign up to take free online courses with ESRI to learn ArcGIS software. Please see the following webpage for instructions for receiving course codes from UI WebStore.

http://www.uic.edu/cuppa/udv/GIS/GISESRIVirtualCampus.html

Once you have your course codes, go to the ESRI site at: http://training.esri.com/gateway/index.cfm?fa=myTraining.gateway (If you forget the URL, you can always do a web search/Google "ESRI my training.")

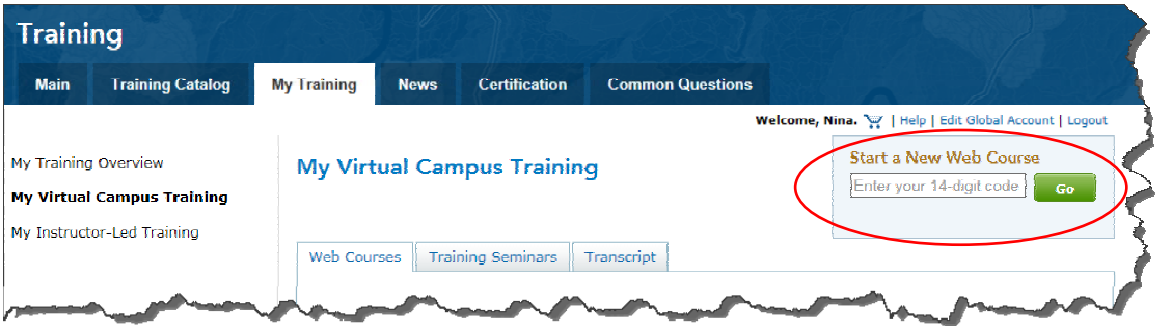
Sign in (in the upper right hand of the page). If you do not have an ESRI global account, create one. Always use your @uic.edu email.

On the "Training" page, select the tab "My Training"



On the "My Training" page, select the orange box "My Virtual Campus Training"

On your "My Virtual Campus Training" page, enter the 14-digit course code you received from WebStore.



On-line courses are valid for one year. You may request additional course codes as long as you have a valid NetID at UIC.

Questions? Contact Nina Savar at nsavar@uic.edu.