

URP 5272

Fall 2008

Urban and Regional Information Systems (GIS)

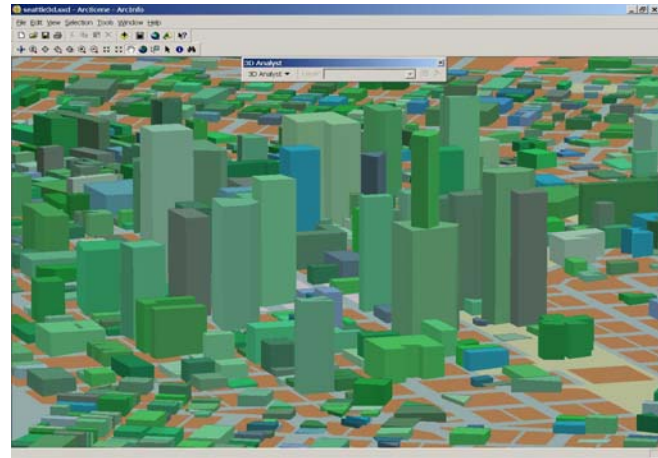
Meets: F 9:00 am – 11:45 am

Room: BEL 208 and 035

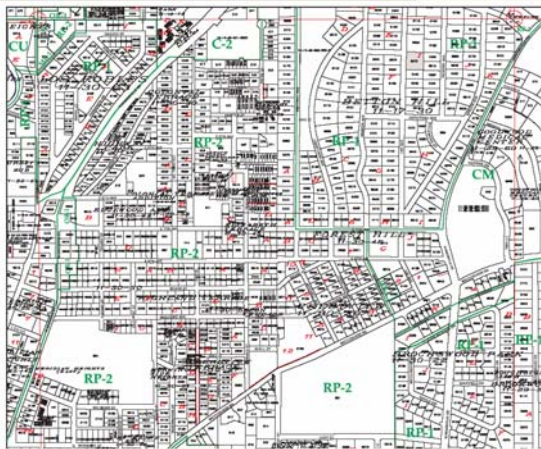
Instructor: Christopher Coutts

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This course provides you with an understanding of how geographic information systems can be used to answer questions and solve problems encountered by practicing planners, policy analysts, and researchers. The course will rely extensively on lab-based demonstrations and exercises and will use the **ArcGIS 9.2** software.



In this course, you will:

- Be introduced to the basic concepts, structures, and functions used in Geographic Information Systems (GIS).
- Learn how to apply the techniques of GIS to a wide array of planning and policy-related issues.
- Learn how to effectively disseminate the results of GIS analysis through both written and verbal communication.

Books

Mitchell, A. (1997). *Zeroing In: Geographic Information Systems at Work in the Community*. ESRI. ISBN: 1879102501.

Bolstad, P. (2005). *GIS Fundamentals: A First Text on Geographic Information Systems* (2nd ed.). Eider Press. ISBN: 0971764719.

Ormsby et al. (2004). *Getting to Know ArcGIS Desktop, Second Edition Update for ArcGIS 9*. ISBN: 0006875947.