

URPL 590

Contemporary Topics in Urban and Regional Planning: Planning Support Systems

Spring 2009 -- 1 credit (Five week course - Beginning January 20th)

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Tuesdays 2:30 to 3:45 pm and Thursdays 2:30 to 4:15 pm

Class periods will be spent in either 208 Old Music Hall or the URPL Computer Lab (First Floor - Old Music Hall).

Planning Support Systems (PSS) are a subset of Spatial Decision Support Systems that are designed to analyze and compare the impacts of alternative land use scenarios. PSS software is growing in sophistication. Research by Professor Aslıgül Göçmen indicates that while the use of GIS in Wisconsin planning agencies is extensive, there is little use of PSS at the local government level. This course will utilize prominent PSS software and Wisconsin GIS data to analyze alternative land use scenarios. Students will learn the theory behind planning support systems and the application of INDEX PlanBuilder and CommunityViz.

This is an intermediate-level GIS course. Consent of instructor required. An introductory course in GIS or cartography is recommended. Enrollment limit: 18 students