

APPROVED

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The University Of Toledo

Existing Graduate Course Modification Form

APR 27 2012

* denotes required fields

Contact Person*: Peter Lindquist Phone: 530-4287 (xxx-xxxx) Email: peter.lindquist@utoledo.edu

COLLEGE OF GRADUATE STUDIES

Present

Proposed

Supply all information asked for in this column. (Supply core, researc intensive and transfer module info if applicable)

Fill in appropriate blanks only where entry differs from first column.

College*: Coll Lang, Lit, and Soc Sci
Dept/Academic Unit*: Geography and Planning
Course Alpha/Numeric*: SISS 8010

College: --Select a College--
Dept/Academic Unit: --Select a Department--
Course Alpha/Numeric:

Course Title*: Foundations of Spatially Integrated Social Science

Course Title:

Credit hours*: Fixed: 3 or Variable: to

Credit Hours: Fixed: 4 or Variable: to

CrossListings: Insert
To add a course, type in course ID and click the Insert button.
To remove a course, select the course on left and click the Remove button.
Remove

CrossListings: Insert
To add a course, type in course ID and click the Insert button.
To remove a course, select the course on left and click the Remove button.
Remove

Prerequisite(s)(if longer than 50 characters, please place it in Catalog Description): None

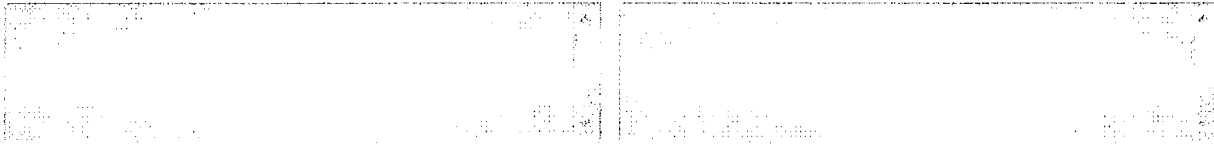
Prerequisite(s)(if longer than 50 characters, please place it in Catalog Description):

Corequisite(s)(if longer than 50 characters, please place it in Catalog Description): None

Corequisite(s)(if longer than 50 characters, please place it in Catalog Description):

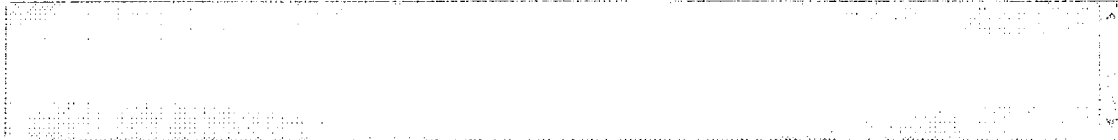
Catalog Description (only if changed) 75 words max:

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Has course content changed? Yes No

If course content is changed, give a brief topical outline of the revised course below(less than 1500 words)



Proposed effective term*: 201240 (e.g. 201140 for 2011 Fall)

Attach new syllabus reflecting course modifications*

[Browse...]

Additional Attachment 1:

[Browse...]

List any course or courses to be deleted.

Effective Date: []

Effective Date: []

Approval:

Department Curriculum Authority: [PLS. Lyf] Date 3/27/12

Department Chairperson: [Signature] Date 3/27/12

College Curriculum Authority or Chair: [David Black] Date 4/20/12

College Dean: [Christine A. Schubert] Date 4/26/12

Graduate Council: [Signature] Date 10-16-2012

Dean of Graduate Studies: [] Date []

Office of the Provost : [] Date []

Submit Course Modification

Administrative Use Only

Effective Date:

 (YYYY/MM/DD)

CIP Code:

Subsidy Taxonomy:

Program Code:

Instructional Level:

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Syllabus

SISS 8010: FOUNDATIONS of SPATIALLY INTEGRATED SOCIAL SCIENCE

Dr. Daniel Hammel, Department of Geography and Planning
Dr. David Nemeth, Department of Geography and Planning

4 credit hours

Meets: T Th 9-10:40 in 3040 Snyder Memorial

Faculty office hours and locations to be announced in class

This core course in the SISS program will 1) examine the historical development of the social sciences, comparing and contrasting their disciplines and the evolution of their philosophical and methodological approaches to research, 2) explore the concept of space and trace the emergence and growth of the spatial perspective in the social science disciplines, its impact on their various research and methodological development, and its applications in social science-related professions, and 3) use case studies of particular issues to understand how spatial perspectives and associated methodologies and methods have been integrated into the analysis of key problems in the social sciences.

Required reading: Readings will be made available as pdfs via the course website, or occasionally as paper copies. Typically, readings will be assigned a week before the class in which they will be discussed.

Grading. The seminar grade assigned will reflect the quality of student participation in and contribution to in class discussions, and also performance demonstrated on a substantive and scholarly **written term project** (research topics to be announced in class).

Course Outline:

Section 1: Introduction and Comments on Key Concepts in Social Science:

Week 1: Course Introduction – Basic Concepts

Dr. Nemeth's packet of introductory materials for discussion

Origins of and rationale for the modern university –Kant diagram

Epistemological/Ontological/Political Questions

Social studies and social science(s)

Social sciences at the University of Toledo

Traditions, approaches, tools

The “spatial” perspective in the social sciences

The advent of GIS and “the spatial turn” in the modern university

SISS>CSSIS

SISS at UT

Week 2: Methodology, Epistemology and Ontology in the Social Sciences
Pluralistic and Unitary Disciplines
Humanism
Positivism
Structuralism
Post Structuralism?

Week 3: The Development of Social Science and the Modern University
The Division of Social Inquiry
Social Construction of Knowledge

Week 4: Defining the Disciplines
The Core Social Sciences
The Position of SISS

Section 2: Putting the S in "S"ISS

Week 5: Space
Concepts of Space
Space and Place

Week 6: Space in the Social Sciences
Political Science
Sociology
Anthropology

Week 7: Space in the Social Sciences cont.
Economics
Regional Science

Section 3: Further Topics and Debates in SISS

Week 8: Interrelationships among the Social Sciences
Economic Geography and the New Economic Geography

Week 9: Topics in SISS
Estimation versus Simulation: Computation and the rise of ABM's

Week 10: Topics in SISS

Week 11: Topics in SISS

Week 12: Topics in SISS

Week 13: Topics in SISS

Week 14: Topics in SISS

Week 15: Topics in SISS

Suggested Readings:

Bishop, M. 2007. **Philosophies of the Social Sciences: An Introduction**. Oxford

Goodchild, M. and Janelle, D. 2004. **Spatially Integrated Social Science**. New York: Oxford University Press.

Goodchild, M. 2006. "Social Informatics" In Warf, B., (ed). **Encyclopedia of Human Geography**. Thousand Oaks: Sage.

Goodchild, M. 2006. "Spatial Analysis." In Warf, B., (ed). **Encyclopedia of Human Geography**. Thousand Oaks: Sage.

Johnston, R.J.; Gregory, D.; Pratt, Geraldine and Watts, Michael. 2000. **The Dictionary of Human Geography 4th edition**. Blackwell, Oxford.

Nyerges, Timothy; Helen Couclelis; Robert B. McMaster (eds) 2010. **The SAGE Handbook of GIS and Society**.

Reuben, J. 1996. **The Making of the Modern University**. Chicago: University of Chicago Press.