# Curriculum Tracking

## The University Of Toledo

### Existing Graduate Course Modification Form

* denotes required fields

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**Phone**: 530-4287  
**Email**: peter.lindquist@utoledo.edu

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<tr>
<th>Present</th>
<th>Proposed</th>
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<tbody>
<tr>
<td><strong>College</strong>: Coll Lang, Lit, and Soc Sci</td>
<td><strong>College</strong>: --Select a College--</td>
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<tr>
<td><strong>Dept/Academic Unit</strong>: Geography and Planning</td>
<td><strong>Dept/Academic Unit</strong>: --Select a Department--</td>
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<tr>
<td><strong>Course Alpha/Numeric</strong>: SS8010</td>
<td><strong>Course Alpha/Numeric</strong>:</td>
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| **Course Title**: Foundations of Spatially Integrated Social Science | **Course Title**: |
| **Credit hours**: Fixed: 3 | **Credit Hours**: Fixed: 4 |

**CrossListings**:

- 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.

**Prerequisite(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)**: None

**Catalog Description (only if changed)**: |

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https://curriculumtracking.utoledo.edu/GradCourseModify.aspx?Mode=New  
3/26/2012
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*

Additional Attachment 1:

List any course or courses to be deleted. Effective Date:

Approval:

Department Curriculum Authority: Date 3/27/12

Department Chairperson: Date 3/27/12

College Curriculum Authority or Chair: Date 4/20/12

College Dean: Date 4/26/12

Graduate Council: Date 10/16/2012

Dean of Graduate Studies: Date

Office of the Provost:

https://curriculumtracking.utoledo.edu/GradCourseModify.aspx?Mode=New

3/26/2012
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<tr>
<td>Effective Date:</td>
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<tr>
<td>CIP Code:</td>
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<td>Subsidy Taxonomy:</td>
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<td>Program Code:</td>
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<td>Instructional Level:</td>
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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:


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