

# The University Of Toledo

## Existing Graduate Course Modification Form

\* denotes required fields

Contact Person\*: Daniel J. Hammel Phone: 530-4128 (xxx - xxxx) Email:  
dan.hammel@utoledo.edu

### Present

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

College\*: College Lang, Lit, and Soc Sci

Dept/Academic Unit\*:

Geography and Planning

Course Alpha/Numeric\*: GEPL -

6150

Course Title:

Research Methods

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

**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):

### Proposed

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

College: College Lang, Lit, and Soc Sci

Dept/Academic Unit:

Geography and Planning

Course Alpha/Numeric: GEPL -

6150

Course Title:

Research Methods

Credit Hours: Fixed: 3 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

**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):

Catalog Description (only if changed) 75 words max:

Catalog Description (only if changed) 75 words max:

Has course content changed?  Yes


No

If course content is changed, give a brief topical outline of the revised course below( less than 200 words)

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

File Type	View File
Syllabus	<a href="#">View</a>

List any course or courses to be deleted.

Effective Date:  

Effective Date:  

Comments/Notes:

**Rationale:**

The research methods course has been a four hour course since its inception. Part of the class time has always been used to take students through various research techniques step by step. Currently, four hour courses make it difficult for our graduate students to register for the required 9 hours. Four hour courses also make it difficult for MA students to finish their degree without going over the required 36 hours. We have decided to replace some of the class time with detailed assignments (available online) that will lead them through the various research techniques. Instructors and teaching assistance in the course are generally available and our computer laboratory is staffed by a graduate student monitor (usually a Ph.D. student) during most business hours with experience in MA level research techniques.

**Approval:**

Department Curriculum Authority:	<input type="text" value="Beth Schlemper"/>	Date	<input type="text" value="2017/01/17"/>
Department Chairperson:	<input type="text" value="Daniel Hammel"/>	Date	<input type="text" value="2017/01/17"/>
College Curriculum Authority or Chair:	<input type="text" value="David Black"/>	Date	<input type="text" value="2017/01/27"/>
College Dean:	<input type="text" value="Barbara Schneider"/>	Date	<input type="text" value="2017/03/30"/>
Graduate Council:	<input type="text" value="Constance Schall, GC mtg 4/18/17"/>	Date	<input type="text" value="2017/04/19"/>
Dean of Graduate Studies:	<input type="text" value="Amanda C. Bryant-Friedrich"/>	Date	<input type="text" value="2017/05/01"/>
Office of the Provost :	<input type="text"/>	Date	<input type="text"/>

**Administrative Use Only**

**Effective Date:**  (YYYY/MM/DD)

**CIP Code:**

**Subsidy Taxonomy:**

**Program Code:**

**Instructional Level:**

**Registrar's Office Use Only**

**Processed in Banner on:**

**Processed in Banner by:**

**Banner Subject Code:**

**Banner Course Number:**

**Banner Term Code:**

**Banner Course Title:**



## Seminar in Research Methods

Department of Geography & Planning, College of Arts & Letters  
GEPL 6150-001

---

<b>Instructor:</b>	Dr. Beth Schlemper	<b>Class Location:</b>	SM 3040
<b>Email:</b>	<a href="mailto:beth.schlemper@utoledo.edu">beth.schlemper@utoledo.edu</a>	<b>Class Day/Time:</b>	Thurs 1:00 – 3:30 p.m.
<b>Office:</b>	SM 3031	<b>Term:</b>	Spring 2017
<b>Office Phone:</b>	419-530-5492	<b>Credit Hours:</b>	3

**Office Hours:** Tuesday and Thursday 10:00-11:00 a.m.; Wednesday, 1:00-2:30 p.m.; and by appointment

---

---

<b>Instructor:</b>	Dr. Daniel Hammel	<b>Class Location:</b>	SM 3040
<b>Email:</b>	<a href="mailto:dan.hammel@utoledo.edu">dan.hammel@utoledo.edu</a>	<b>Class Day/Time:</b>	Thurs 1:00 – 3:30 p.m.
<b>Office:</b>	SM 3061 or SM 3027	<b>Term:</b>	Spring 2017
<b>Office Phone:</b>	419-530-4128 or 419-530-4709	<b>Credit Hours:</b>	3

**Office Hours:** Tuesday 3:00 to 5:00 p.m.; Wednesday 2:00-4:00 p.m.; and by appointment.

---

### Required Materials

1. Hay, Iain, ed. 2010. *Qualitative Research Methods in Human Geography, Third Edition*. Oxford and New York: Oxford University Press.
2. An introductory textbook of your choice related to bivariate statistics.
3. Additional readings posted on the course website, sent via e-mail, or handed out in class.

### Introduction

**Welcome to Seminar in Research Methods.** This course will be challenging but rewarding. We will cover subject matter that will help provide a foundation for much of what you do in both geography and planning. Geography and planning are methodologically diverse disciplines. There is no right or wrong method. There are, however, methods that are better suited to answer particular classes of questions. Typically, we start with a question and then choose an appropriate set of methods to investigate it. This does not mean, however, that you can ignore entire methodological areas. Even if you only use one kind

of method to attempt to answer a question, you should also be informed by research that uses a range of alternative methods. In other words, you may only scratch the surface rather than discovering the depth of the issues you are exploring. Thus, in order to develop effective questions, you will have to read and understand research that may use a different set of methods than you are using.

### **Student Learning Outcomes**

We have three general goals for this course:

- We want you to understand the often complicated relationship between research questions, research methods, and research results.
- We want you to have some knowledge of the range of research methods using in geography and planning, including both quantitative and qualitative approaches.
- We want you to appreciate the special challenge of statistical analysis on geographic data.

### **Classes and Assignments**

Your most important assignment in this course is to come to class prepared to discuss the material. Do the assigned readings before class. Typical class sessions may include a combination of discussion (facilitated by questions provided by you), lecture, and group or individual activities. The BEST way to learn methods is to DO them. You will have lab-based assignments and problem sets almost every week related to the readings and topics we are covering. On occasion, we will have class in the second floor computer lab in Snyder Memorial.

Finally, you will complete three short papers, which will focus on the use and mix of research methods, and their relationship to the research questions. We will select readings that are examples of various types of research methods – some well done, other perhaps less well done. The papers will be critiques of the papers and the research methods. We will provide more specific details about these in class.

### **Grading and Scale**

The value of each of the assignments is as follows:

In-Class Assignments/Labs & Homework	60 percent
Three Review Papers (5 percent each)	15 percent
Attendance at Departmental Colloquium	5 percent
Final Exam (comprehensive, take-home)	20 percent
94+ = A	73 – 76 = C
90 – 93 = A-	70 – 72 = C-
87 – 89 = B+	67 – 69 = D+
83 – 86 = B	63 – 66 = D
80 – 82 = B-	60 – 62 = D-
77 – 79 = C+	< 60 = F

### **University Policies**

The University of Toledo is an equal opportunity educational institution. Please read the *University's Policy Statement on [Nondiscrimination on the Basis of Disability Americans with Disability Act Compliance](#)*.

Access: [http://www.utoledo.edu/policies/administration/diversity/pdfs/3364\\_50\\_03\\_Nondiscrimination\\_o.pdf](http://www.utoledo.edu/policies/administration/diversity/pdfs/3364_50_03_Nondiscrimination_o.pdf)

### Academic Accommodations

The University of Toledo is committed to providing equal access to education for all students. If you have a documented disability or you believe you have a disability and would like information regarding academic accommodations/adjustments in this course, please contact the [Student Services Office](#) at 1820 Rocket Hall, 530-4981 (voice), 530-2612 (TTY), or email [studentdisabilitysvs@utoledo.edu](mailto:studentdisabilitysvs@utoledo.edu).

Website: <http://www.utoledo.edu/offices/student-disability-services/index.html>

### Course Policies

We will not tolerate academic dishonesty. It is your responsibility to know what constitutes academic dishonesty. If you are unsure, you should consult the University policy in the Student Handbook and the University Catalog. Ask us if you have any questions.

**Office Hours:** Please stop by our office hours to discuss any concerns you have about the course and its content. If these times are inconvenient for you, we are happy to schedule an appointment with you. If you have an appointment and a conflict arises, please let us know as soon as possible.

**E-Mail Correspondence:** Please use your "utoledo" e-mail account for correspondence related to this class.

### Procedures for the Final Exam

This will be a take-home exam that you will have 48 hours to complete after you receive it. You will send an e-mail message to **both** Dr. Hammel and Dr. Schlemper requesting the exam when you are ready. The earliest you can begin is Friday, April 28 at 5:00 p.m.

For example, if you would like to begin the exam on Saturday morning, April 29, at 10:00 a.m., you may send us an e-mail on Friday, April 28 requesting it for that time. We will send it to you at that time, and you will have until Monday, May 1, 10:00 a.m. to complete it and return it to both of us.

The latest you can request the final exam would be on Monday, May 1, 4:45 p.m. You would then have 48 hours to complete it in order to be finished by 4:45 p.m. on Wednesday, May 3.

**Final Exam:** Wednesday, May 3, 2:45-4:45 p.m. (official date from Registrar's Office)

<p><b>NOTE:</b> The schedule below is subject to change. All significant changes will be announced in class as well as posted on our Blackboard website.</p>
--

## Course Schedule

Date	Topic	Assignments and Papers	Reading*	Lab
12-Jan	Introduction: Research, Research Methods and Data; Mixed Methods Research		St. Martin & Pavlovskaya, Ch. 11	Lab 1: Secondary Data
19-Jan	1. Discuss Lab 1 Results 2. Models	Lab 1 Due	Martin & Bertazzon, Ch. 21	Lab 2: Developing a conceptual or formal model
26-Jan	1. Present your models 2. Intro to Qualitative Research	Lab 2 Due	Hay, Chapters 1 & 2	Lab 3: Subjectivity and Ethics in Qualitative Research
2-Feb	1. Discuss Lab 3 Results 2. Research Questions and Methods	<b>Paper #1 Due</b> Lab 3 Due	Hay, Chapter 4	Lab 4: Tales of Research (start in class. time permitting)
9-Feb	'Doing' Qualitative Research (Interviewing, Oral Histories, and Focus Groups)	Lab 4 Due	Hay Chapters 6, 7 & 8	Lab 5: Focus Groups
16-Feb	Intro to Parametric and non-Parametric Statistics; Spatial Descriptive Statistics	Lab 5 Due		Lab 6: Spatial Descriptive Statistics
23-Feb	Estimation, Type I and II Errors, Classical Hypothesis Testing	Lab 6 Due		Lab 7: Estimation and Classical Hypothesis Testing
2-March	ANOVA, Spatial Statistics	Lab 7 Due		Lab 8: Two Sample Tests and ANOVA
9-March	<b>Spring Break</b>			
16-March	1. Spatial Statistics cont. 2. Coding Qualitative Data	Lab 8 Due <b>Paper #2 Due</b>	Hay, Chapter 14	Lab 9: Spatial Statistics
23-March	Coding and Qualitative Analysis Software	Labs 9 Due	Hay, Chapter 15	Lab 10: Coding with MAXQDA
30-March	Correlation, Simple Regression and Regression Models			Lab 11: Simple Regression Intro to SPSS
6-April	Multiple Regression (cont.)	Lab 11 Due	Visser and Jones, Chapter 18 (AAG Meeting)	Lab 12: OLS Multiple Regression
13-April	Writing & Presenting Research		Hay, Chapters 17 & 18	Lab 13: Peer Reviews & Publishing (in class)
20-April	Archival Research, Fieldwork		Hay, Chapter 9 & Articles	
27-April	Logistic Regression	<b>Paper #3 Due</b> Labs 10 and 12 Due		Lab 14 Logistic Regression (in class)

\*Typically readings should be completed in advance, so that we can discuss them in class. For example, read "Martin & Bertazzon, Ch. 21" to discuss on January 19. Also any reading that is not in the Hay book will be found on the course Blackboard website.