

**LAKEHEAD UNIVERSITY  
DEPARTMENT OF SOCIOLOGY**

***Sociology 4313FA***  
**Problems and Issues in Methods**

***Fall 2011***  
**Jianye Liu**

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**Office Hours: *Tuesday & Thursday: 12:00-1:00 p.m. or by appointment***

**Classes: *RB 2027, Tuesday & Thursday, 1:00—2:30 p.m.***

***Course Description:***

This course will examine basic issues at different research stages. These research stages include research design (elements, measurement, and sampling), data collection (experimentation, survey, field work, and available data), data analysis, and writing research reports. This course will pay specific attention to research design and data collection. Data analysis will be taught in other courses (Soci 3311 WA: Research Techniques and Data Analysis and Soci 4317 WA: Quantitative Methods). The prerequisite course is the third year research methods (Soci 3310 FA: Foundations of Social Research). Students are responsible for ensuring that they have successfully completed that course.

The course will be conducted in a seminar format, with a focus on analyzing the readings which seminar participants are expected to have read in advance of a given seminar. Students should feel free both to ask “dumb” questions that encourage understanding and to take advantage of each other’s knowledge in the subject area.

***Texts:***

Singleton, R.A. Jr. and Bruce C. Straits. 2010. *Approaches to Social Research (5<sup>th</sup> edition)*. Oxford, New York: Oxford University Press.

***Course requirements***

The final grade will be determined as follows:

Class attendance	10%
Class participation	20%
Presentation	40%
Examination (during examination period)	30%

### ***Class attendance***

This will be based on name tags used for each class. Full marks will be given for those who have a perfect attendance record (23 classes). Partial marks will be given for those who miss classes.

### ***Class participation***

This mark will be based on evidence of having read the readings and participation through questions and discussion. For each seminar, all students are expected to have read the required readings listed on the course outline. Participation includes asking questions, answering questions, discussing links to other things, and thinking about implications. It is important to come to class with some notes and reflections on the material. The objectives are summarizing readings, raising important points, synthesizing, and critically discussing the research issues of given readings. After each class, the instructor will take note of the quality and quantity of participation of each student, and the extent to which this participation is based on having done the readings in advance. These will then be combined at the end of the course.

### ***Presentation***

Each student is asked to lead the discussion for two seminars. This may be done individually or with another student, depending on the class size. The person(s) responsible for a given seminar is asked to distribute a page of presentation outline or main issues at that specific research stage and questions that are used for the focus of class discussion.

The format of the seminar is that each class starts with student's presentation (about 45 minutes), followed by answering questions (on the presentation outline) and discussion or raising new questions from the class (20 minutes). In the last 15-20 minutes of each class, I will give a brief evaluation about the presentation by correcting the errors made in the presentation, adding important issues or points missed in the presentation, raising my questions about the research issues presented by the students, and relating the current chapter to those previous ones.

The presentation mark will be based on the quality of presentation and the discussion of the seminar and will be evaluated by other students. This includes raising questions, sponsoring discussion, possibly bringing in additional material, synthesizing, and discussing the possible implications. When students work as a group, the same mark will be used for all members of the group. ***Each student is asked to email me his/her mark to the presenter before the following class.***

### ***Examination***

This will cover the required readings plus all the discussions that have taken place during the seminars. The exam will be close-book and essay type, with some choice.

***Outline and schedule*** (the following schedule may be modified slightly throughout the term)

Liu	Sep. 13: Course logistics/ introduction
Liu	Sep. 15: Chapter 1 Introduction
_____	Sep. 20: Chapter 2 The Nature of Science
_____	Sep. 22: Chapter 3 Research Ethics
_____	Sep. 27: Chapter 4 Elements of Research Design Part one: from “Origins of Research Topics” to “Relationships”
_____	Sep. 29: Chapter 4 Elements of Research Design Part two: from “Stating Problems and Hypotheses” to “Summary”
_____	Oct. 4: Chapter 5 Measurement Part one: from “The Measurement Process” to “Levels of Measurement”
_____	Oct. 6: Chapter 5 Measurement Part two: from “Reliability and Validity” to “Summary”
_____	Oct. 11: Chapter 6 Sampling Part one: from “Why Sample?” to “Probability Sampling”
_____	Oct. 13: Chapter 6 Sampling Part two: from “Non-probability Sampling” to “Summary”
_____	Oct. 18: Chapter 7 Experimentation Part one: from “The Logic of Experimentation” to “Staging Experiments”
_____	Oct. 20: Chapter 7 Experimentation Part two: from “The Experiment as a Social Occasion”
_____	Oct. 25: Chapter 8 Experimental Designs Part one: from “Threats to Internal Validity” to “True Experimental Designs”
_____	Oct. 27: Chapter 7 Experimental Designs Part two: from “Factorial Experimental Designs” to “Summary”
_____	Nov. 1: Chapter 9 Survey Research Part one: from “General Features of Survey Research” to “Steps in Survey Research: Planning”
_____	Nov. 3: Chapter 9 Survey Research Part two: from “Face-to-Face and Telephone Interviewing” to “Summary”
_____	Nov. 8: Chapter 10 Survey Instrumentation
_____	Nov. 10: Chapter 11 Field Research
_____	Nov. 15: Chapter 12 Research Using Available Data Part one: from “Sources of Available Data” to “General Methodological Issues in Available-Data Research”
_____	Nov. 17: Chapter 12 Research Using Available Data Part two: from “Historical Analysis” to “Summary”
_____	Nov. 22: Chapter 13 Multiple Methods Part one: from “Triangulation” to “Multiple Tests of Hypotheses across Different Studies”
_____	Nov. 24: Chapter 13 Multiple Methods Part two: from “A Comparison of the Four Basic Approaches to Social Research” to “Summary”
_____	Nov. 29: Chapter 14 Evaluation Research
_____	Dec. 1: Chapter 17 Writing Research Reports