

SECTION #1

Meeting Times: Tuesdays and Thursdays 1:30 - 4:10pm

Instructor: So-Ra Baek
Classroom: Hayes Annex C - Room 5
Office: 19 Hayes Annex A
Office Hours: Wednesday 10:00am-11:00am (and by appointment)
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Instructor: Rob Silverman
Classroom: Hayes Annex B - Room 7
Office: 07A Hayes Annex C
Office Hours: Tuesdays 11:30am-12:30pm (and by appointment)
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Teaching Assistant: Robert Sozanski
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The Course:

This course is designed to introduce you to research methods used by planners. During the semester you will be engaged in identifying selected research materials and data resources, gathering qualitative and quantitative data, and conducting basic analysis. The course will balance lecture, computer lab exercises, and applied fieldwork. We will use the Buffalo-Niagara metropolitan area as a living laboratory.

This course is team taught by professors Baek and Silverman. Professor Baek will introduce various types and sources of datasets in planning and teach mapping skills using GIS. Professor Silverman will introduce foundation skills in qualitative and quantitative research. The class will be divided into two sections. During the semester, each section will meet with the professors. Consult the syllabus for when the sections are scheduled to meet with professors Baek and Silverman.

If you have any questions during the semester, please bring them to one of the professors' or the teaching assistant's attention. The professors and the teaching assistant will be available during office hours and by appointment. Also, you may contact us using e-mail.

Course Objectives:

The course objectives for END350 are listed below. These course objects are linked to the program learning outcomes identified on the departmental website (www.ap.buffalo.edu). The course assignments will be used to assess student learning of the course objectives. Course assignments that assess specific course objectives are identified in course requirements section of this syllabus.

Course Objective 1: Become familiar with the role of ethics in the research process.

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Course Objective 2: Become familiar with qualitative methods for collecting, analyzing and reporting results commonly used in planning.

Course Objective 3: Become familiar with the collection, analysis and reporting of descriptive statistics in planning research.

Course Objective 4: Become familiar with the US Census and other databases used in planning.

Course Objective 5: Become familiar with displaying spatial information on the maps

Course Objective 6: Become familiar with presenting analyses and results using a poster.

Required Text and Reserve Readings:

The required text is available at the UB Medical Campus Bookstore.

Ward, K. ed. (2014). *Researching the City*. Thousand Oaks: Sage Publications.

The required reserve readings are available on UBLearn.

Baek Section Requirements:

The grade for professor Baek's portion of the course will be based on two assignments. These two assignments will affect 30% of the overall grade for the semester.

- ***Economic/Transportation Profile Assignment:*** Students will analyze an economic and transportation profile of Buffalo-Niagara Metropolitan Statistical Area using the Economic Census and transportation data. This is a group assignment. This assignment affects 15% of the grade for the course. The assignment will be discussed on September 30, 2014 and it is due on **October 9, 2014** [Course objective 4]
- ***Buffalo Mapping Exercise:*** Students will create maps using ArcGIS on property value for city of Buffalo and write a report. This is an individual assignment. This assignment affects 15% of the grade for the course. The assignment will be discussed on October 9, 2014 and it is due on **October 21, 2014**. [Course objective 4&5]

Baek's Grading Policy: Your grade in the Baek portion of the class will be based on the following (30 points possible for Baek's section):

- Economic/Transportation Profile Assignment 15%
- Buffalo Mapping Exercise 15%

Silverman Section Requirements:

The grade for professor Silverman's portion of the course will be based on two assignments. These two assignments will affect 30% of the overall grade for the semester.

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- **Windshield Survey Assignment:** Students will complete a windshield survey assignment. This is a group assignment. This assignment affects 15% of the grade for the course. The assignment will be discussed on October 28, 2014 and it is due on **November 6, 2014**. [course objective 2]
- **Online Exam:** Students will complete an online exam based on the readings and lectures covered during the course. This is an individual assignment. This assignment affects 15% of the grade for the semester. The online exam will be available on UBLearn on November 6, 2014 and it is due on **November 13, 2014**. [course objectives 1, 2, 3, 4]

Silverman's Grading Policy: This portion of the grade will be based on the following (30 points possible):

- Windshield Survey Assignment 15%
- Online Exam 15%

Both Sections Requirements and Grading Policy: This portion of the grade will be graded both instructors based on the following (40 points possible for the course):

- **Census Profile Assignment:** Students will complete a census profile assignment. This is an individual assignment. This assignment affects 20% of the grade for the course. The assignment will be discussed in class on September 16, 2014 and it is due on **September 23, 2014**. [course objectives 3 and 4]
- **Online Ethics Training:** Complete UB's online "Social & Behavioral Research Investigators, Basic Course." This assignment affects 5% of the grade for the semester. This training module is located at the following websites: <http://www.research.buffalo.edu/rsp/education.cfm> at the link to <https://www.citiprogram.org/default.asp>. This assignment will be discussed in class on September 2, 2014. After finishing the online training program save the "Completion Report" in a .PDF file and submit it online at the END350 UBLearn site. The link to submit your assignment is located in the "online ethics training" folder. The assignment is due before 11:59pm on **September 4, 2014**. [course objective 1]
- **Final Presentation:** Students will prepare a final presentation in a poster format. The final presentation will discuss the comprehensive findings and analyses on the Buffalo-Niagara metropolitan area. This assignment affects 15% of the grade for the semester. The assignment will be discussed on November 18, 2014 and it is due on **December 2, 2014**. [Course objective 5 and 6]

Sections Grading Scale:

- Census Profile Assignment 20%
- Online Ethics Training 5%
- Final Presentation 15%

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Course Grading Scale:

GRADE	TOTAL POINTS	GRADE	TOTAL POINTS
A	96-100	C	74-76.99
A-	90-95.99	C-	70-73.99
B+	87-89.99	D+	67-69.99
B	84-86.99	D	60-66.99
B-	80-83.99	F	0-59.99
C+	77-79.99		

Academic Integrity:

Students are expected to approach the course with seriousness and integrity. It is important to complete assignments on time, attend class regularly, and foster a collegial learning environment. Plagiarism and other instances of academic misconduct will result in a failing grade on a respective assignment, exam, or paper. Students should refer to the *University at Buffalo Undergraduate Catalog* for clarification on the University's policies and procedures.

Accommodations for Disabilities:

If you have a disability (physical, learning, or psychological) that impacts your course work please contact the Office of Disability Services (ODS), 25 Capen Hall, (716) 645-2608. ODS will provide you with information and review appropriate arrangements for reasonable accommodation (such as recruiting note-takers, readers, or extended time on assignments). You must bring requests for accommodations for a disability to the professor's attention within the first two weeks of class.

Writing Centers:

The University at Buffalo has a number of writing center where students can get assistance with essays, term papers, and thesis projects. Students should contact one of the following if they would like to access these campus resources:

- Undergraduate students can go to the Center for Excellence in Writing for assistance. It is located at 211 Baldy Hall, Email: writing@buffalo.edu; <http://writing.buffalo.edu/>,
- International students can contact the English Language Institute. The English Language Institute is located at 320 Baldy Hall; (716) 645-2077; elibuffalo@buffalo.edu; <http://wings.buffalo.edu/gse/eli> .

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SECTION #1 SCHEDULE

MEET WITH PROFESSOR BAEK
AUGUST 26 – OCTOBER 16

August 26: Introduction to the Course

August 28: Ethics Videos

Assigned Materials

See the Assignment Folder on UBLearns labeled: “August 28, 2014: Ethics Videos”

September 2: Ethics & Finding Data [Meet in Hayes B - Room7]

Ward: Ch 1, 2 & 3

Andranovich, G.D. and Riposa, G. (1993). *Doing urban research*. Thousand Oaks: Sage Publications. **(UBLearns: Ch 5)**

Galman, S.L. (2007) *Shane, the lone ethnographer*. Lanham: AltaMira Press. (pp.42-55) **UBLearns: pp. 42-55)**

Leedy, P.D. and Ormrod, J.E. (2012). *Practical research: Planning and design, tenth edition*. New York: Pearson. **(UBLearns: pp. 74-87 & 95-98)**

Other Activities:

Online Ethics Training Assignment Discussed

September 4: Online Ethics Training Assignment Due

Other Activities:

Online Ethics Training Assignment Due

September 9: The Census and the American Community Survey [Meet in Crosby - Room 40]

Assigned Readings:

Ward: Ch 6

Glewwe, P. and Levin M. (n.d.). Chapter XVI: Presenting simple descriptive statistics from household survey data. **(UBLearns)**

United Nations Economic Commission for Europe. (2009). Making data meaningful, part 2: A guide to presenting statistics. Geneva: UNECE. **(UBLearns)**

Urduan, T.C.(2010). Statistics in plain English, third edition. New York: Rutledge. **(UBLearns: Ch 1 & 2)**

US Census Bureau. (2014). *2014 American community survey questionnaire*. Washington, D.C.: US Census Bureau. **(UBLearns)**

US Census Bureau. (2013). *American community survey information guide*. Washington, D.C.: US Census Bureau. **(UBLearns)**

US Census Bureau. (2010). *2010 census questionnaire*. Washington, D.C.: US Census Bureau. **(UBLearns)**

September 11: Online Tutorials***Assigned Materials***

See the Assignment Folder on UBLearns labeled: "September 11, 2014: Software and Data Tutorials"

September 16: Summary Statistics in SPSS [Meet in Crosby - Room 40]***Assigned Readings:***

Saldkind, N.J. (2011). *Excel statistics: A quick guide*. Thousand Oaks: Sage Publications. (**UBLearns: Skim Quick Guides 1, 2, 3, 9, 31, 32 & 45**)

Wagner, W.E. (2011). *Using IBM SPSS statistics for social statistics and research methods*. Thousand Oaks: Sage Publications. (**UBLearns: Ch 1, 2, 4 &5**)

Other Activities:

Discuss Census Profile Assignment

September 18: Census Profile Assignment Lab**September 23: Census Profile Assignment Due*****Other Activities:***

Census Profile Assignment Due

September 25: The Economic Census and the NAICS***Assigned Readings:***

<http://www.census.gov/econ/census/about/history.html>

<http://www.census.gov/econ/cbp/methodology.htm>

<http://www.census.gov/eos/www/naics/>

September 30: Transportation Data***Assigned Readings:***

Ward: Ch 8

<https://www.dot.ny.gov/divisions/policy-and-strategy/darb/dai-unit/ttss>

2001 National Household Travel Survey, New York Add-On, Buffalo MPO. (2004). Oak Ridge National Laboratory (**UBLearns**)

1995 National Personal Transportation Survey, New York Add-On, Buffalo MPO. (1998). Oak Ridge National Laboratory (**UBLearns**)

Other Activities:

Discuss the Economic/Transportation Profile Assignment

October 2: Lab**October 7: Cartography and Mapping*****Assigned Readings:***

Fraak, M. and Ormeling, F. (2011). *Cartography: Visualization of spatial data, third edition*. New York: Guilford Press. (**UBLearns: Ch 1, 3**)

Ward: Ch 9

Fraak, M. and Ormeling, F. (2011). *Cartography: Visualization of spatial data, third edition*. New York: Guilford Press. (**UBLearns: Ch 4, 5**)

October 9: Assessor's Data***Assigned Readings:***

The New York State Department of Taxation and Finance. Assessor's Manual, Vol 6 - Data Collection Residential/Farm/Vacant Land. (UBLeArns)

Boyle, A., Barrilleaux, C. and Scheller, D. (2014), Does Walkability Influence Housing Prices? *Social Science Quarterly*, 95: 852–867. doi: 10.1111/ssqu.12065 (UBLeArns)

Tita, GE., Petras, TL., and Greenbaum, RT. (2006), Crime and residential choice: A neighborhood level analysis of the impact of crime on housing prices, *Journal of Quantitative Criminology*, 22(4):299-317. (UBLeArns)

Other Activities:

Economic/Transportation Profile Assignment Due
Discuss the Buffalo Mapping Exercise Assignment

October 14: Assessor's Data Lab**October 16: Lab**

MEET WITH PROFESSOR SILVERMAN **OCTOBER 21 – NOVEMBER 13**

October 21: Qualitative Research and Planning Practice***Assigned Readings:***

Ward: Ch 4, 5 & 10

Ewing, R. (2007). When qualitative research trumps quantitative – cultural economy and smart growth. *Planning*, October: 52. (UBLeArns)

Silverman, Robert Mark. (2014). “Qualitative Research Methods.” Pp. 140-156. in *The Routledge handbook of planning research methods*, edited by Elisabete Silva, Patsy Healey, Neil Harris and Pieter Van den Broeck. RTPi Library Series, New York: Routledge. (UBLeArns)

Other Activities:

Buffalo Mapping Exercise Assignment Due

October 23: Frameworks for Urban Revitalization Research***Assigned Readings:***

Pallagst, K. (2010). The planning research agenda: Shrinking cities – a challenge for planning cultures. *Town Planning Review*, 81(5): i-vi. (UBLeArns)

Schilling, J. and Mallach, A. (2012). Cities in transition: A guide for practicing Planners, PAS report number 568. (UBLeArns: Ch 6)

Other Assigned Materials

See the Assignment Folder on UBLeArns labeled: “September 25 / October 23: Online Materials”

October 28: Qualitative Research and Planning Practice***Assigned Readings:***

Ward: Ch 7 & 8

Content Analysis (UBLeArns)

Gaber, J. and Gaber S. (2007). *Qualitative analysis for planning & policy: Beyond the numbers*. Chicago: American Planning Association. (**Read Chapter 3/ UBLearns: Ch 3**).

Other Activities:

Discuss the Windshield Survey Assignment

October 30: Windshield Survey Assignment Lab

November 4: Windshield Survey Assignment Lab

November 6: Windshield Survey Assignment Due

Other Activities:

Windshield Survey Assignment Due

Online Exam Assigned

November 11: Online Exam

November 13: Online Exam Due

Other Activities:

Online Exam Due

SECTION 1 & 2 FINAL PRESENTATIONS

November 18: Final Presentation Discussed / Workshop [Meet in Hayes Annex B – Room 7]
<http://libweb.lib.buffalo.edu/guide/guide.asp?ID=155>

Other Activities:

Discuss the Final Presentation Assignment

November 20: Lab

November 25 & 27: Thanksgiving (No Class)

December 2: Poster Presentation [Meet in Hayes Annex B – Room 7]

Other Activities:

The Final Presentation Assignment Due

December 4: Poster Presentation TBD [Meet in Hayes Annex B – Room 7]