

Department of Urban Design and Planning
University of Washington

Course Title: **Planning Methods** (UrbDP 510, SLN 20357)
4 Credits

Meetings: **Mondays & Wednesdays, 4:30 pm-6:20 pm**

Classroom: **Gould 110**
Lab: **Gould 007F* (Digital Commons)**
***Help sessions (TBA)**

Instructor: **Christine Bae, Ph.D., Associate Professor**
Office Hours: T 1:30 am – 2:30 pm, or by appointment
Office: Gould 410 C
Email: cbae@uw.edu

TA: **Chungho Kim, Ph.D. Student**
Office Hours: T & Th 2:00 pm - 4:00 pm or by appointment
Office: Gould 418
Email: charisut@uw.edu

Purpose

This course is a required core course for students who are pursuing the master's degree in Urban Planning, or the Certificate of Urban Design. The course is targeting students who do not have a previous degree in urban planning.

There is a wide range of quantitative and qualitative planning methods in our discipline. However, particular attention will be given to planning methods that are useful for planning policy analysis, e.g. demographic, economic and environmental planning.

The primary objectives of this course are as follows:

1. to be familiar with primary and secondary data sources
2. to be familiar with computer-based quantitative methods and their applications
3. to discuss the outcomes and limitations of each method's application
4. to develop a critical perspective of model applications in urban planning

The course consists of lectures, computer lab assignments. There are no prerequisites. However, those who have never used R, MS Excel, Arc View, or need additional help to undertake class assignments, should consult Chungho and me by Jan 6 (Mon), 2014.

Overview

This course is comprised of four important topics for urban planning; (1) population projects, (2) land capacity analysis, (3) the economic base model, and (4) indicators and indices.

Because there are four separate components with assignments, you may feel that the class moves quickly. Your continuous attendance is very important.

The class will be taught in Gould 110, and the help sessions will be in Gould 007. All students should bring your own personal laptops to class as you did in UrbDP 520. This change to the course will allow us to devote more time to the mechanics of each of the methods, and to develop an understanding of the methods through hands-on exercises. The Catalyst website will provide the reading materials (PDF files), a set of presentation slides that summarize the material that will be covered in class, the assignments with a selective databases, and other supplemental notes. It is expected that you will review these materials prior to a topic being addressed in class. Each method will be discussed for more than two weeks. It is highly advised that you retained your own worksheet, program, and other related materials.

Grading

There are two different components that contribute to grading.

1. Computer labs and assignments (90 percent)
2. Class participation (10 percent)

All assignments (there are four; see course schedule) should be submitted via the [Catalyst Drop-Box using this link, https://catalyst.uw.edu/collectit/dropbox/summary/cbae/29900](https://catalyst.uw.edu/collectit/dropbox/summary/cbae/29900), by 5:00 pm on the deadline, within the specified length. You are expected to submit every assignment on time, and quality counts. Assignments will be reviewed by and discussed in the class session immediately after the assignments are due. If you believe that you will have difficulty in meeting any of the course deadlines, please consult Christine or Chunggho prior to the deadlines. We encourage active class participation and constructive discussion. There is no final exam.

If you have a disability (physical, learning, or psychological) that makes it difficult for you to carry out the coursework as outlined and/or requires accommodations, such as recruiting note takers, readers, or extended time on assignments, please contact Christine, or Disabled Student Services, within the first week of the quarter. DSS is available at 685-1511, or at http://www.washington.edu/students/genocat/front/Disabled_Student.html, and they will be able to provide you with information and review appropriate arrangements for reasonable accommodation.

Finally, we expect students to uphold university policies on academic integrity. Failure to uphold academic integrity will be dealt with in accordance with university procedures. The UW's policy on academic integrity and plagiarism is located at:

<http://depts.washington.edu/grading/pdf/AcademicResponsibility.pdf>

Class Schedule

Dates	Topics	Assignment Due
1/6,8	Indicators	See below
1/13,15	Economic Base Analysis (EBA) Readings: Klosterman (1990, Ch 9 & 10), Currid (2007)	1/22/2013 (WED)
1/20	NO CLASS (MLK DAY)	
1/22, 27, 29, 2/3,5,10 and 12	Population Projection: Cohort Component Analysis (CCA) Readings: Isserman(1984), Klosterman (1990, Pt 2), Life tables	2/19/2013 (WED)
2/17	NO CLASS (PRESIDENT'S DAY)	
2/19, 24, 26 , and 3/3	Land capacity analysis	3/5 (WED)
3/5, 10 and 12	Indicators presentation and report	3/12 (WED)

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