UEP 305 and 305A: Urban Data Analysis Fall 2023 This cousefulfills Core Program equipment CPMS

Lecture Tursdays and Thusdays, 1:30255pmPST in H5C202 Lab Tursday or Thusday 3 15440pmPST in H5C208

Professor James Sacht jsach@orsy.edu and Professor Maya Aboordmaya babood@gmail.com Office hours Prof. Sacht Tues 1011 amand 4:30-530pm; Wed 6:157, 15PM HSC 105 Office hours Prof. Aboort Monday 67pm

<u>Cause Description</u> Infliscouse, you will learn how to do unert and analyze uben and environmental publics and public policies using quantitative data. Quantitative data provide a compelling means by which we can undestand the magniture of uben publics and male comparisons on who is impacted by these publies across demographic groups, might how to determine the end of the

Datais all acurdus Using interpeting and undestanding where it consistion is the core of numbers polessions and pusuits in both the ubanarden vicon entral policy real ns. This couse reviews the basic foundations of statistics for social science applications. This will emble you to be the undestand and statistical information as well as porturing statistical analyses you self. Tools such as Microsoft Excel and Stata will be used to na regeard analyze data. Though the group research project, you will put your ideas into action. UEP 305 will pepare you to conduct your senior competensive research projects and act as a stepping store to vario of the root set for use of the analysis.

Student Learning Outcomes

- 1. Critically thirk about quantitative data how it is used and where it comes from
- 2 Developted rical and statistical skills using Excel and Stata
- 3 Undestand the research design process firm as social science perspective
- 4 Caryatareseachproject focusing on topics in ubanardenvironmental policy

CauseStructure

Youmay be absent firm a class – "lecture" or "lab" session- twice without any explanation required Beirg late to a class is counted as ½ of a class absence – see "Class Attendance" below

If you have a 3 clor 4 th absence, you will lose and it at the rate of 2% of your find course grade per absence If you mission are then 4 class meetings, you likely will not pass the course - serious aspiring to graduate take more

<u>Abot attendence</u> ("Eightypecent of success is showing up" quite attributed to Woody Aller) You deserve an explanation of mynational conattendence and its indefinite course. The content of each datas and above tings essential to the learning goals and mastery of the subject; missed classes/activities cannet "markeup" in a way that that is comparable to being present. Reliable and on time attendance is motionally our rial for success in this class, it will be for the rest of your professional life; don't expect me to be flexible conthis aspect of your grade. On time attendance in class is expected: "on time" means you are at your desk, ready to begin class at the required time; not walking in at that time or slightly after. This class meets just over 30 times chaing the senester; and if you miss muettern 10% of those times you cannot pass the class.

Weurdestand that things coneup-ahead thormadical issue, family energency, or a similar situation, and we recognize



		$\mathbf{\lambda}$	
6	5Oct	Designing ethical research projects & where to access data	HandatAssigment3
6	Lab	Excel Dan Management	
7	10 Oct	NOCLASS - INILBREAK	
7	120a	MichemReview	Assignment3due Midlermassigned
7	Lab	Wakanyarmidem	
8	170 . t	Introduction to geospatial and sis and GS	
8	190 d	Practical examples of GIS	Mdemdue
8	Lab	Accessing and analyzing spatial data	
9ad	24 Oct	Binay and Count dependent variables	
ad9	26 Oct	Statistical Tests and Hypotheses: z-test	HandoatAssigment4
9ad	Lab	Stata: Intro	
10	31-Oct	Statistical Tests and Hypotheses: t test	
10	31-Oct	Statistical Tests and Hypotheses: t test A母X9 ATA\Q05 _{W1} 00	Group Project Descriptive physis due
10 10	31-Oct	Statistical Tests and Hypotheses: t test A CH X 9 A 7 A \ Q 0 S _{W1} C D A CH X 9 A 7 A \ Q 0 S _{W1} C D	Group Project Descriptive relysis due
10	31-Oct 7Nov	Statistical Tests and Hypothesess test AGEX 9 ATA \ 9 OS _{ML} Q O LARGE SSION Two sample T statistics	Group Project Descriptive relysis due mert 4 due

13	23 Nov	THANKSGIMING	
13	Lab	THANKSGIMING No Lab	

⊢

they actually do and this is a way to discover what you need to review. In that context, the quizzes learn as much as the quizzed, so it is in everyone's interest to do this

Checkyour Oxyenail account at least twice a day, preferably before lecture or labbegins, as important information and assignments will be delivered this way and enail is an official mode of course work communications at this College – use your "@ oxyedui" account for all class purposes

If you read help with a writing assignment, the Writing Center <u>https://www.osy.edu/academics/student</u> <u>success/writing center</u> has a bisons and faculty writing specialists the tcan help you in person or via web conference You have the option of one on one meetings, and eTutoring feedback where you submit an essay daft and it is netured within 48 hours

Recwiting advisors appointments are available Sun Thumon to 10PM PST Facility writing specialists are available Mon Fri 1230PM to 7PM PST

Oy247Confidential Hotline(323 311-4141)