

## ECONOMETRIC RESEARCH METHODS AND WRITING ONLINE SUMMER SCHOOL PROGRAM JULY 20 - JULY 31, 2020

### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



Experience transformative online learning this summer at the University of Illinois, a world-class institution with over 150 years of research, teaching, and public engagement.

#### PROGRAM OVERVIEW

Econometrics is increasingly used to rigorously assess the impacts of public policy on business, the economy, and society.

Thorough analysis and understanding of the impacts of policy help decision-makers in business and all areas of government improve the design of policy and programs, eliminate inefficient practices, and improve responses during times of emergency.

Students will learn applied econometric methods relevant in many areas of contemporary academic research, preparing them for graduate education and research.

- All classes in English
- 20 hours of engagement
- Quizzes and final exam required  
Certificates awarded upon completion
- Course times 8:00 a.m. - 11:00 a.m. local China time
- Classes Monday through Friday

#### APPLY HERE

**PRIORITY  
DEADLINE:**

**JUNE 15**



*Students must be entering 2nd year of college or later. Instruction equips students with preparation to complete projects. Students are expected to participate in live discussions and problem solving during each live class session.*

# ILLINOIS FACULTY



## **EUNYI CHUNG**

*Assistant Professor,  
Department of  
Economics*

### **IEI FULL-TIME FACULTY MEMBER**

*The IEI full-time faculty are experienced professionals who are trained in ESL teaching methods. Our faculty have a Master's degree in Teaching English as a Second Language, Linguistics, or a related field.*

## **TOPICS & SCHEDULE**

### **PHD Student Discussions (5 hours)**

**July 20-24, (times to be confirmed)**

*Readings about the course topics will be assigned in preparation for the professor's lectures. An Illinois graduate student will lead discussions and answer questions to help students understand the content.*

### **Econometrics Research Methods (10 hours)**

**July 27-31, 8:00 a.m. to 10:00 a.m.**

*The goal of this course is to develop the basic tools necessary to understand and use modern econometric methods. The course will focus on how one goes about estimating and making inferences for causal effects by paying special attention to empirical cases dealing with policy-relevant issues. We discuss the theoretical aspects of various econometric methods and examine how they are applied in the literature. In addition, students will learn how to use the statistical software package called R, which will be used in class and for problem sets.*

### **Academic Writing and Research (5 hours)**

**July 27-31, 10:00 a.m. to 11:00 a.m.**

*This course focuses on academic writing skills necessary to complete the highest level of academic research, which asks new questions, draws original conclusions, and creates new knowledge. The course will build comprehension and vocabulary required within a university academic program.*

# TECHNOLOGY REQUIREMENTS

Access to Wifi & Device (computer, laptop, tablet) suitable for online videoconference sessions

Participants may connect to the class sessions from their own home or another location with Wi-Fi, such as a university office.

Students will also work on problems using R, while the professor will be available to answer questions they may encounter.

## **ONLINE COURSE FORMAT**

Courses will be conducted through synchronous, live, and hybrid prerecorded videoconference classes. Students will complete independent and group coursework, in-class quizzes, lab assignments (using data provided by the instructor), and a final exam or final project.

Participation in live class sessions and group discussions is required for grade and program certificate. It is anticipated that videoconference classes will be conducted using Zoom, and using the University of Illinois' course management system.

## **PROGRAM FEES**

**TOTAL PER STUDENT:  
\$750.00**

Program fees include tuition for development and instruction of online courses; assessment (grading) of participant course performance; online Learning Management System and videoconference system license; and university technology support fees

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