EPIC provides opportunities to gain foundational knowledge and applied skills for advancing population health research. Our short courses are offered in New York City and in online distance learning formats.

**SUMMER 2017**

JUNE 1 – JUNE 30

**EPIC**

DISCOUNTS AND SCHOLARSHIPS AVAILABLE FOR A LIMITED TIME

**cuepisummer.org**

**WEEK-LONG**

Week-long (20hrs) courses are held on campus in New York City.

**DIGITAL**

Full-length (20hrs) or short (5hrs) courses available online anywhere in the world.

**1–2 DAY**

1–2 day (4, 8, or 16hrs) courses are held on campus in New York City.
## Week-long Courses

### WEEK 1: JUNE 5-9
- **AM** Comparative Effectiveness Research
- **AM** Presentation and Visualization of Epidemiological Data
- **AM** Social Network Analysis*
- **PM** Introduction to Biostatistics
- **PM** Introduction to Multi-Level Modeling
- **PM** Natural Language Processing: Applications in Epidemiology

### WEEK 2: JUNE 12-16
- **AM** Epidemiologic Analysis Using R
- **PM** Applied Regression
- **PM** Learning the Infant’s Nonverbal Language: Intensive Seminar in Video Microanalysis for Clinicians and Researchers

### WEEK 3: JUNE 19-23
- **AM** Designing Healthy Cities to Reverse Obesity and NCD Epidemics
- **PM** Conducting Research with Publicly Available Data

### WEEK 4: JUNE 26-30
- **AM** Applied Logistic Regression
- **AM** Open Source GIS with PostGIS for ArcGIS Users
- **AM** Qualitative Research Methods*
- **PM** Introduction to GIS in Public Health
- **PM** Survey Design and Data Collection

### PRE-EPIC: MAY 24
- **1–2 Day Courses**
- Advanced Methods and Designs Applied in Injury Epidemiology and Prevention (W)

### 1–2 Day Courses

### WEEK 1: JUNE 5-9
- Analysis of Complex Survey Data (Th)
- Cancer Epidemiology (Th)
- Introduction to Spatial Analysis (F)

### WEEK 2: JUNE 12-16
- Introduction to Systematic Reviews (M)
- Missing Data and Multiple Imputation* (M)
- Meta-Analysis of Observational Data (T,W)
- Network Meta-Analysis (Th,F)
- Survival Analysis (Th,F)

### WEEK 3: JUNE 19-23
- Assessing Neighborhoods in Epidemiology* (M)
- Communicating Public Health in the Media* (M, T)
- Digital Acquisition of Big Data* (Th,F)

### WEEK 4: JUNE 26-30
- Microbial Communities Profiling via QIIME and Qiita (W,Th)
- Functional Meta’omic Analyses for Microbial Communities (Th,F)
- Growth Curve Modeling (Th,F)
- Implementation Science in Public Health Programs* (Th)

### Digital Courses

- **Full-length: Agent-Based Models for Population Health***
- **Full-length: Applied Spatial Analysis in Epidemiology**
- **Full-length: Epidemiologic Analysis Using SAS**
- **Full-length: Introduction to Biostatistics**
- **Full-length: Introduction to GIS in Public Health***

- **Full-length: Principles of Epidemiology**
- **Full-length: Program Evaluation for Public Health**
- **Full-length: Transforming Public Health Surveillance***
- **Short: Applied Sample Size Estimation and Power Calculations**
- **Short: Propensity Score Matching***

* scholarships available for this course

FOR DETAILS VISIT epi.is/epic-courses