ECON 369 Problem-Based Learning Using Data Analytics:
Health & Environment in Urban Nepal

Instructor: Dr. Alok K. Bohara
Department of Economics

T/TR 11:00-12:15, Room 1004 [Economics Bld.]
(Limited computer lab seating available.)

Prerequisite: Stat 145

For registration and override, contact Dr. Bohara:
bohara@unm.edu

For course details, click here: **CLICK HERE**

CRN: 66373

LIMITED SPACE FOR FALL 2019: SIGN UP NOW!

Multidisciplinary Class that takes the Classroom to the Field using Research Driven Solutions

A Three-Step Research and Learning Approach
Analyze Data - Find Solutions - Implement

Analyze real-world problems using real data from the community

- Data Visualization (*Stata*)
- Empirical Data Analysis (*Stata*)
  - Water quality, health outcome, hygiene behavior, knowledge & attitude. Temporal (time series) analysis of air pollution & weather data collected from our newly established DEMP Citizen Science Lab in Nepal. Our Story.
  - Mentoring interactions with graduate students.

Identify potential solutions

- Environmental Tracking Sensors (groundwater arsenic, air pollution, river stage etc.)
- Green Designs (wetlands, waste management, eco-arts, Pollution Alert App etc.)
- Educational Curriculum/Advocacy
- Public Policy Prescriptions
- Intervention Programs (handwashing, filtering etc.)

Perform community service

- Write small grants for fund raising
- Work with overseas collaborators to implement community service driven projects
- Work with student club at UNM
- Present your research/posters at student panel discussions & conferences
- Go on the Undergraduate Research and Learning Trip and/or study abroad and engage
- Blog your experience to help promote eco-tourism

Optional: International Undergraduate Research Trip/Study Abroad to Nepal will be available in the Winter Break. Himalayan Study Abroad Program in Nepal (Econ 395/595: 1-3 credits)

Sustainable Development Action Lab
Nepal Study Center
Department of Economics, University of New Mexico

Study Abroad Student Blog