

GEOG 512. ADVANCED QUANTITATIVE METHODS IN SOCIAL FIELD RESEARCH.

Credits: 3

Offered by: Geography (Faculty of Science)

This course is not offered this catalogue year.

Description

How does one collect data to quantitatively assess research questions in human geography or other social sciences, and what methods are available to analyze those data? This course introduces students to advanced statistical techniques commonly confronted in field-based social science studies. The course is divided into four major topics: research design, evaluating impacts of policies or programs, time-series data, and spatial interactions. For the techniques investigated, the course will highlight major technical assumptions, field considerations for data collection, and how each does or does not account for geographic factors that may influence outcomes of interest.

- Prerequisite(s): GEOG 351 or SOCI 504 or SOCI 505 or ECON 337, or equivalent experience in applied multivariate regression with permission of instructor.

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