

## **Health Systems and Services Research Minor**

This minor provides a mix of substantive and methods courses in social science or related reference disciplines that are frequently drawn on by researchers who study health systems or health services.

The purpose of this minor is to provide PhD students with a new minor option that helps them develop conceptual and methodological depth in social science or related reference disciplines that are frequently drawn on by researchers who study health systems or health services, including Economics, Psychology, Sociology, Biostatistics, and Communication Studies. Because these areas of study often employ related concepts and methods, this minor will allow students to take minor courses that cut across departments and programs while still provide depth in a non-major area of study.

### **Curriculum**

Students will complete 12 credits by choosing from the list of substantive and methods courses.

Students complete 1 or 2 of the following substantive courses:

Economics

ECON E581 Applied Microeconomics I

ECON E582 Applied Microeconomics II

ECON E521 Microeconomics Theory

ECON E583 Applied Macroeconomics

Psychology

PSY 572 Organizational Psychology

PSY 570 Staffing

PSY-I 647 Attitudes and Social Cognition

Sociology

SOC R515 Sociology of Health and Illness

SOC R556 Advanced Sociological Theory I

SOC R557 Advanced Sociological Theory II

SOC R585 Social Aspects of Mental Health and Mental Illness

SOC R560 Topics in Sociology

Communication Studies

COMM C500 Advanced Communication Theory

COMM C592 Advanced Health Communication

COMM C528 Group Communication and Organizations

Students complete 2 or 3 of the following methods courses:

Econometric Methods

ECON E570 Econometrics

ECON E574 Times Series and Forecasting

Psychology Methods

PSY 60800 Measurement Theory and the Interpretation of Data

PSY I643 Field Methods and Experimentation

PSY I583 Judgment and Decision Making in Organizations

Biostatistics and Epidemiology Methods

PBHL E715 Design and Implementation of Observational Studies

PBHL B585 Analysis and Interpretation of Observational Studies

PBHL B 571 Biostatistics Method I-Linear Model in Public Health (4 cr)

PBHL B 572 Biostatistics Method II-Categorical Data Analysis (4 cr)

PBHL B 573 Biostatistics Method III-Applied Survival Data Analysis (4 cr)

PBHL B 574 Biostatistics Method IV-Applied Longitudinal Data Analysis (3 cr)

PBHL B 581 Biostatistics Computing

B552 Fundamentals of Data Management

PBHL B 582 Introduction to Clinical Trials

Other Social Science Methods

OLS 53010 Mixed Methods Research

E670 Systematic Review and Meta-Analysis in Health Sciences