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