

The MPES Coordinated Curriculum (June 2022)

Note, in many cases, students would complete some of these courses while meeting the typical requirements for their home program. Thus, although we have listed nine required courses, few students would need take nine *additional* courses.

Methods (4 Required Courses)

Take one of the following general courses:

HDSP 410/LRN_SCI 410 Quantitative Methods I: Probability and Statistics

PSYCH 451 Statistics in Experimental Design

Take two of the following more specialized courses on quantitative methods:

HDSP 411/LRN_SCI 411 Quantitative Methods II: Regression Analysis

HDSP 412/LRN_SCI 412 Quantitative Methods III: Empirical Tools for Causal Quantitative Analysis

PSYCH 405 Psychometric Theory

PSYCH 454 Structural Equation Modeling

STAT 356 Hierarchical Linear Models

STAT 439 Meta-Analysis

STAT 461 Advanced Topics in Statistics

Take one of the following qualitative methods courses:

ANTHRO 389 Ethnographic Methods and Analysis

HDSP 432/LRN_SCI 415/SOC 403 Field Methods

HDSP 435/LRN_SCI 416 Advanced Qualitative Methods

SOC 329 Field Research and Methods of Data Collection

Cognition and Student Learning (one required course)

LRN_SCI 401 Knowledge Representation for Learning Sciences

LRN_SCI 403 Foundations of Learning Sciences

PSYCH 358 Advanced Seminar in Cognition or Neuroscience

PSYCH 462 Cognitive Development

PSYCH 466 Analogy and Similarity

LRN_SCI 451 Cognition in Contexts

Human Development (one required course)

HDSP 402 Child Development and Social Policy

HDSP 403 Adolescent Development

HDSP 404 Adulthood Development and Aging

HDSP 413 Theories of Human Development

PSYCH 488 Social and Emotional Development

Policy and Social Contexts of Learning (two required courses)

HDSP 427 Sociology of Education

HDSP 428/LRN_SCI 443 Educational Policy: Design, Implementation and Effects

HDSP 430 Economics of Social Policy

HDSP 442/LRN_SCI 442 Social Policymaking and Implementation

HDSP/LRN_SCI 451 Topic: Organizations, Institutions and Society: Persistence and Change Among Public, Private and Non-Profit Sectors

HDSP 451 Economics of Education Policy

HDSP 451	Intersectionality and Policy
Diversity, Disparities and Equity (one required course)	
LRN_SCI 451	Race, Inequality and Learning in Chicago
LRN_SCI 451	Culture, Learning and Poverty
LOC 351	Identities, Intersections and Organizations
HDSP 451	Culture and Development