Appendix F.1. The MPES Coordinated Curriculum

The MPES Coordinated Curriculum

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/LS 410 Probability and Statistics (Malamud)
- PSYCH 451 Statistics in Experimental Design (Smith)

*Take two of the following more specialized courses on quantitative methods*
- STAT 356 Hierarchical Linear Modeling (HLM), (Hedges)
- HDSP/LS 411 Regression Analysis (Guryan)
- HDSP/LS Empirical Tools for Causal Quantitative Analysis (Figlio)
- PSYCH 405 Psychometric Theory (Revelle)
- PSYCH 454 Structural Equation Modeling (Revelle)
- STAT 439 Meta-analysis (Hedges)
- STAT 461 Cluster Randomized Experiments (Hedges)

Take one of the following qualitative methods courses
- ANTHRO 389 Ethnographic Analysis (Bledsoe)
- HDSP 432 Qualitative Research Methods (Ispa-Landa)
- SOC 403 Field Methods (Fine)
- HDSP 430 Economics of Social Policy (Jackson)
- HDSP 451 Advanced Qualitative Methods (Spillane)

Cognition and Student Learning (one required course)
- LS 401 Cognition and Learning (Easterday and Rapp)
- LS 403 Cognitive Science Foundations of the Learning Sciences (Rapp)
- PSYCH 358 The Psychology of Learning Design (Rapp)
- PSYCH 462 Cognitive Development (Uttal or Hespos)
- PSYCH 466 Analogy and Similarity (Gentner)

Human Development (one required course)
- HDSP 402 Child Development (Sabol)
- HDSP 404 Adult Development and Aging (McAdams)

Policy and Social Contexts of Learning (two required courses)
- HDSP 451 Analyzing Educational Policy (Schanzenbach)
- HDSP 427 Sociology of Education (Rosenbaum)
- HDSP 430 Economics of Social Policy (Jackson)
- SOC POL 330 Economics of Education Policy (Figlio)

Diversity, Equity, and Inclusion (one required course)
- SOC POL 331 Economics of Inequality and Discrimination (Guryan)
- LS 451 Culture, Learning, and Poverty (Vossoughi)
- SESP 351 Analyzing Intersections of Tech, Ethics, Race, and Power (Vakil)