

List of Courses for Interdisciplinary Training Program Participants

(Home departments are noted for each course, as are instructor names when taught by program faculty)

Core interdisciplinary experiences for all participants	
Interdisciplinary (all students)	<ul style="list-style-type: none"> • Interdisciplinary Training Seminar in Education Sciences (every semester: Borman and others; SOC 875, 1 cr.) • Internship in Research-to-Practice (1 semester) • Course on Education Policy Across the Disciplines (1 semester) • Research Practicum on RCTs and Grant Writing (ELPA 940; 1 semester: Borman)
Additional Courses in Program Sequence	
Statistics/Econometrics (in disciplinary home)	<ul style="list-style-type: none"> • Economic Statistics and Econometrics II & III (ECON 710) • Multivariate Statistical Inference for Political Research (Poli Sci 552: Weimer) • Statistical Analysis of Psychological Experiments (PSY 610) • Statistics for Sociologists II & III (SOC 361/362)
Research Methods (in disciplinary home)	<ul style="list-style-type: none"> • Econometric Methods (ECON 715) • Ed Policy Research Design and Implementation (ELPA/EPS 872: Borman) • Evaluation Research (EP/SW 945) • Pro-seminar in Experimental Psychology (PSY 701) • Public Program Evaluation (Poli Sci/PA 871) • Research Methods in Sociology (SOC 750) • Statistical Analysis and Design in Educational Research (EP 861)
Experimental Design (all students take 1 or more)	<ul style="list-style-type: none"> • Design and Analysis of Psychological Experiments (PSY 710) • Evaluation Research (EP/SW 945) • Introduction to the Design of Educational Experiments (EP 762: Kim) • Pro-seminar in Experimental Psychology (PSY 701, <i>psych students only</i>) • Statistical Analysis & Design in Educational Research (EP 861)
Measurement (all students take 1 or more)	<ul style="list-style-type: none"> • Adv. Seminar in Education Measurement and Stats (EP 971, 2 cr.) • Labor Economics (ECON 750) • Structural Equation Modeling (EP 960: Kaplan; SOC 952) • Test Construction (EP 771: Bolt) • Measurement and Questionnaires for Survey Research (SOC 752)
Advanced Statistics (all students take 2 or more)	<ul style="list-style-type: none"> • Adv. Seminar in Education Measurement and Stats (EP 971, 2 cr.) <ul style="list-style-type: none"> • Analysis of Categorical Data • Design & Analysis of Quasi-Experiments (EP 711: Steiner) • Factor Analysis, Multidimensional Scaling, & Cluster Analysis (EP 773: Bolt) • Hierarchical Linear Modeling (EP 964: Bolt) • Mathematical Economics I (ECON 703)

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	<ul style="list-style-type: none"> • Regression Models in Education (Ed Psych 763) • Seminar: Bayesian Methods for Education Research (Ed Psych 711) • Seminar: Mathematical and Statistical Applications in Sociology – course topics change (SOC 952) • Structural Equation Modeling (EP 960: Bolt, Kaplan)
<p>Education in Context -All non SOE students take at least 2 outside their disciplinary homes, plus others in their own disciplines -SoE students take at least 2 disciplinary courses developed and approved by a core ITP faculty member from economics, political science, psychology, sociology, or social work in consultation with the SoE student</p>	<ul style="list-style-type: none"> • Adolescent Development (EP 721) • Advanced Study of the Young Child (HDFS 662) • Cognition, Development & Instruction (PSY 711: Alibali) • Child Development (EP 720) • Education Policy and Reform (PA 974) • Evaluation for Administrative Decision Making in Education (ELPA 826: Borman) • Economics of Education (ECON 390) • Education in Developing Societies (EPS 760) • Educational Role of Family in Early Childhood Development (HDFS 841) • Experimental Psychology of Human Learning (PSY 671) • Economic Theory: Macroeconomics (ECON 712: Durlauf) • Intro to Debates in Higher Education Policy (EPS 518: Goldrick-Rab) • Introduction to Policy Analysis (PA 873) • Issues in Educational Policy Analysis (ELPA/EPS/PA 765) • Policy Issues in Educational Assessment (EPS/PA 775) • Policymaking Process (PA 874) • Politics of Education (ELPA 870) • Politics of Poverty, Inequality & Public Policy (PA 883) • Proseminar in Social Sciences and Educational Policy Studies (EPS 720) • Poverty, Inequality, and Public Policy (ECON 390) • Finance of Elementary & Secondary Education (ELPA 830) • Financing Postsecondary Education (ELPA 831) • Ideas of the University: Images of Higher Learning in 21st Cent. (ELPA 881) • Inequality, Race, & Public Policy (PA 520) • Instructional Leadership and Teacher Capacity (ELPA 847) • Intro to Debates in Higher Education Policy (EPS 518) • Introduction to Policy Analysis (Pub Affr 873) • Seminar in Education and Public Policy (EPS/PA 920) • Social Welfare Policy (PA/SW 944) • Theories of Social and Educational Change (EPS 870) • Workshop in Program and Policy Analysis (PA 869)

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	<ul style="list-style-type: none">•• Introduction to the Learning Sciences I & II (Ed Psy 795, 796)• Issues in Educational Policy Analysis (ELPA/EPS/PA 765)• Labor Economics (ECON 750: Taber)• Language and Cognitive Development (PSY 715: Alibali)• Minority Serving Institutions in Higher Education (ELPA 882)• Perceptual and Cognitive Sciences (PSY 733: Seidenberg, Alibali)• Policymaking Process (PA 874)• Politics of Education (ELPA 870)• Politics of Poverty, Inequality & Public Policy (PA 883)• Workshop on Public Economics (ECON 968: Scholz)• Seminar in the Politics of Education (ELPA 965)• Seminar in Urban Education (EPS 911)• Seminar: Sociology of Education (SOC/EPS 908)• Sociology of Education (SOC/EPS 648)• State and Local Government Finance (PA 891)• Theories and Issues in Human Development (EP 725)• Theories of Social and Educational Change (EPS 870)• Theory of Public Finance and Fiscal Policy (ECON 742)• Workshop in Public Affairs (PA 869)• Workshop on Public Economics (ECON 968: Scholz)
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