

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: Gamoran and others; SOC 875, 1 cr.) • Internship in Randomized Controlled Trials (1 semester) • Research Practicum in Education Sciences (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 Res (PS 552: Weimer) • Quantitative Methods in Psychology (PSY 615) • Statistical Analysis of Psychological Experiments (PSY 610) • Statistics for Sociologists II & III (SOC 360/361)
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) • Empirical Methods of Political Inquiry (PS 817) • Epidemiologic Methodology (SOC/Pop Health 798) • Evaluation Research (EP/SW 945) • Proseminar in Experimental Psychology (PSY 701) • Public Program Evaluation (PS/PA 871) • Research Methods in Sociology (SOC 750) • Seminar: Design and Process of Survey Research (PS/SOC 964) • 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) • Proseminar 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.) • Item Response Theory (EP 871: Bolt) • Labor Economics (ECON 750) • Research Practicum on Mixed Methods Analysis (EPS 780: Goldrick-Rab) • Structural Equation Modeling (EP 960: Kaplan; SOC 952) • Test Construction (EP 771: Bolt) • Test Theory I and II (EP 870/871: Bolt)
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 • Applied Econometrics (ECON 717) • Applied Multivariate & Quasi-Experimental Methods (EPS 780) • Design & Analysis of Quasi-Experiments (EP 711: Steiner) • Factor Analysis and Multidimensional Scaling (EP 773: Bolt) • Hierarchical Linear Modeling (EP 964: Bolt) • Longitudinal Data Analysis (EP 711: Kim) • Mathematical Economics (ECON 703) • Multivariate Analysis (EP 862) • Protocol Analysis (EP 711) • Seminar: Mathematical and Statistical Applications in Sociology (SOC 952) • Seminar: Multilevel Modeling in Education (SOC/EPS 908) • Seminar: Psychometric Methods (PSY 910)

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	<ul style="list-style-type: none"> • Structural Equation Modeling (EP 960: Bolt, Kaplan) • Structural Equation Modeling
<p>Education in Context (all students take at least 2 outside their disciplinary homes, plus others in their own disciplines)</p>	<ul style="list-style-type: none"> • Adolescent Development (EP 721) • Advanced Study of the Young Child (HDFS 662) • Child Development (EP 720) • Cognition, Development & Instruction (PSY 711, Alibali) • The College Classroom (EP 711) • Culturally Relevant Pedagogy (CI 844) • Economics of Education (ECON 390) • Education in Developing Societies (EPS 760) • Education Policy and Reform (PA 974) • Educational Role of Family in Early Childhood Development (HDFS 841) • Evaluation for Administrative Decision Making in Educ (ELPA 826) • Experimental Psychology of Human Learning (PSY 671) • 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) • Immigrants in US Schools (EPS 780) • Instructional Leadership and School Improvement (ELPA 847) • Intro to Debates in Higher Education Policy (EPS 518, Goldrick-Rab) • Introduction to Policy Analysis (PA 873) • Introduction to the Learning Sciences (EP 795, 796) • Issues in Educational Policy Analysis (ELPA/EPS/PA 765) • Labor Economics (ECON 750: Taber) • Language and Cognitive Development (PSY 715: Alibali) • Macroeconomics (ECON 712: Durlauf) • Minority Serving Institutions in Higher Education (ELPA 882) • Perceptual and Cognitive Sciences (PSY 733: Seidenberg, Alibali) • 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) • Professional Development and Organizational Learning (ELPA 848) • Proseminar in Social Sciences and Educational Policy Studies (EPS 720) • Proseminar: Issues and Problems in Adult and Continuing Ed (ELPA 708) • Public Economics (ECON 968: Scholz) • Quantitative Economic Policy (ECON 880) • Research Practicum on Mixed Methods Analysis (EPS 780: Goldrick-Rab) • Seminar in Education and Public Policy (EPS/PA 920) • Seminar in the Politics of Education (ELPA 965) • Seminar in Urban Education (EPS 911) • Seminar: Child Development (EP 920) • Seminar: Learning (PSY 914) • Seminar: Sociology of Education (SOC/EPS 908) • Seminar: Thinking and Problem Solving (PSY 417) • Social Welfare Policy (PA/SW 944) • Sociology of Education (SOC/EPS 648) • State and Local Government Finance (PA 891) • Teaching and Learning in the Borderlands (C&I 675)

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	<ul style="list-style-type: none">• Theories of Development (EP 725)• Theories of Social and Educational Change (EPS 870)• Theory of Public Finance and Fiscal Policy (ECON 742)• Workshop in Program and Policy Analysis (PA 869)• Workshop on Public Economics (ECON 968: Scholz)
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