

## List of Courses for Interdisciplinary Training Program Participants

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

<b>Core interdisciplinary experiences for all participants</b>	
<b>Interdisciplinary (all students)</b>	<ul style="list-style-type: none"> <li>• Interdisciplinary Training Seminar in Education Sciences (every semester: Borman and others; SOC 875/ELPA 940 1 cr.)</li> <li>• Education Policy across the Disciplines (ELPA 940, 3cr)</li> <li>• Randomized Trials to Inform Education Policy (ELPA 940-004; Spring of 2<sup>nd</sup> year, Borman, 3 cr)</li> <li>• Internship in Randomized Controlled Trials/Translational Research (1 semester, up to 8cr)</li> </ul>
<b>Additional Courses in Program Sequence</b>	
<b>Statistics/Econometrics (in disciplinary home)</b>	<ul style="list-style-type: none"> <li>• Economic Statistics and Econometrics II &amp; III (ECON 710)</li> <li>• Multivariate Statistical Inference for Political Research (Poli Sci 552: Weimer)</li> <li>• Statistical Analysis of Psychological Experiments (PSY 610)</li> <li>• Statistics for Sociologists II &amp; III (SOC 361/362)</li> </ul>
<b>Research Methods (in disciplinary home)</b>	<ul style="list-style-type: none"> <li>• Econometric Methods (ECON 715)</li> <li>• Ed Policy Research Design and Implementation (ELPA/EPS 872: Borman)</li> <li>• Evaluation Research (EP/SW 945)</li> <li>• Pro-seminar in Experimental Psychology (PSY 701)</li> <li>• Public Program Evaluation (Poli Sci/PA 871)</li> <li>• Research Methods in Sociology (SOC 750)</li> <li>• Statistical Analysis and Design in Educational Research (EP 861)</li> </ul>
<b>Experimental Design (all students take 1 or more)</b>	<ul style="list-style-type: none"> <li>• Design and Analysis of Psychological Experiments (PSY 710)</li> <li>• Evaluation Research (EP/SW 945)</li> <li>• Introduction to the Design of Educational Experiments (EP 762: Kim)</li> <li>• Pro-seminar in Experimental Psychology (PSY 701, <i>psych students only</i>)</li> <li>• Statistical Analysis &amp; Design in Educational Research (EP 861)</li> </ul>
<b>Measurement (all students take 1 or more)</b>	<ul style="list-style-type: none"> <li>• Adv. Seminar in Education Measurement and Stats (EP 971, 2 cr.)</li> <li>• Labor Economics (ECON 750)</li> <li>• Structural Equation Modeling (EP 960: Kaplan; SOC 952)</li> <li>• Test Construction (EP 771: Bolt)</li> <li>•</li> </ul>
<b>Advanced Statistics (all students take 2 or more)</b>	<ul style="list-style-type: none"> <li>• Adv. Seminar in Education Measurement and Stats (EP 971, 2 cr.)               <ul style="list-style-type: none"> <li>• Analysis of Categorical Data</li> </ul> </li> <li>• Design &amp; Analysis of Quasi-Experiments (EP 711: Steiner)</li> <li>• Factor Analysis, Multidimensional Scaling, &amp; Cluster Analysis (EP 773: Bolt)</li> <li>• Hierarchical Linear Modeling (EP 964: Bolt)</li> </ul>

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	<ul style="list-style-type: none"> <li>• Mathematical Economics I (ECON 703)</li> <li>• Regression Models in Education (Ed Psych 763)</li> <li>• Seminar: Bayesian Methods for Education Research (Ed Psych 711)</li> <li>• Seminar: Mathematical and Statistical Applications in Sociology – course topics change (SOC 952)</li> <li>• Structural Equation Modeling (EP 960: Bolt, Kaplan)</li> </ul>
<p><b>Education in Context (all students take at least 2 outside their disciplinary homes, plus others in their own disciplines)</b></p>	<ul style="list-style-type: none"> <li>• Adolescent Development (EP 721)</li> <li>• Child Development (EP 720)</li> <li>• Poverty, Inequality, and Public Policy (ECON 390)</li> <li>• Education in Developing Societies (EPS 760)</li> <li>• Finance of Elementary &amp; Secondary Education (ELPA 830)</li> <li>• Financing Postsecondary Education (ELPA 831)</li> <li>• Ideas of the University: Images of Higher Learning in 21<sup>st</sup> Cent. (ELPA 881)</li> <li>• Inequality, Race, &amp; Public Policy (PA 520)</li> <li>• Instructional Leadership and Teacher Capacity (ELPA 847)</li> <li>• Intro to Debates in Higher Education Policy (EPS 518)</li> <li>• Introduction to Policy Analysis (Pub Affr 873)</li> <li>• Introduction to the Learning Sciences I &amp; II (Ed Psy 795, 796)</li> <li>• Issues in Educational Policy Analysis (ELPA/EPS/PA 765)</li> <li>• Labor Economics (ECON 750: Taber)</li> <li>• Language and Cognitive Development (PSY 715: Alibali)</li> <li>• Economic Theory: Macroeconomics (ECON 712: Durlauf)</li> <li>• Minority Serving Institutions in Higher Education (ELPA 882)</li> <li>• Perceptual and Cognitive Sciences (PSY 733: Seidenberg, Alibali)</li> <li>• Policymaking Process (PA 874)</li> <li>• Politics of Education (ELPA 870)</li> <li>• Politics of Poverty, Inequality &amp; Public Policy (PA 883)</li> <li>• Workshop on Public Economics (ECON 968: Scholz)</li> <li>• Seminar in the Politics of Education (ELPA 965)</li> <li>• Seminar in Urban Education (EPS 911)</li> <li>• Seminar: Sociology of Education (SOC/EPS 908)</li> <li>• Sociology of Education (SOC/EPS 648)</li> <li>• State and Local Government Finance (PA 891)</li> <li>• Theories and Issues in Human Development (EP 725)</li> <li>• Theories of Social and Educational Change (EPS 870)</li> <li>• Theory of Public Finance and Fiscal Policy (ECON 742)</li> <li>• Workshop in Public Affairs (PA 869)</li> <li>• Workshop on Public Economics (ECON 968: Scholz)</li> </ul>