

NATIONAL COUNCIL ON MEASUREMENT IN EDUCATION

**CONTACT PERSONS AND ADDITIONAL INFORMATION FOR
PROGRAMS IN EDUCATIONAL MEASUREMENT AND RELATED
AREAS: 2019 UPDATE**

Compiled by
NCME Membership Committee

Matthew Gaertner
WestEd

Catherine A. McClellan
ACER

November 2019

Additional copies can be obtained from the National Council on Measurement in Education
www.ncme.org

Programs in Educational Measurement

The National Council on Measurement in Education (NCME) Recruitment of Educational Measurement Professionals Committee has as one of its goals to recruit individuals into the field of educational measurement. This document is intended to facilitate that purpose by providing listings of graduate programs in educational measurement. These listings can be used to provide prospective students with listings of graduate programs. They can also be used by prospective employers to contact measurement programs regarding job opportunities.

An NCME listing of programs was first constructed by Robert Brennan and Barbara Plake in 1990. The listing was updated in 1993, 1997, 1998, 2000, 2005, and 2012. The present listing is a 2019 updating in which information from the 2012 listing was sent to institutions requesting updates. The listing was first developed in conjunction with a survey of colleges and universities to determine the status of measurement programs in the United States and Canada conducted in winter 1996. Another survey was sent to employers of NCME members in spring 1996 to ascertain the current and projected need for measurement professionals. The results of the 1990 surveys are summarized in Brennan and Plake (1990). The results of the 1996 survey are summarized in Patelis, Kolen, and Parshall (1997). The programs are listed alphabetically by State.

If you have comments on, suggested additions to, or suggested corrections to this document, please contact:

Matthew Gaertner, Ph.D.
Director of Research
Standards, Assessment, and Accountability Services
WestEd
Phone: (650) 823-4320
Email: matt.gaertner@gmail.com

References

- Brennan, R. L., & Plake, B. S. (1990). Surveys of programs and employment in educational measurement. *Educational Measurement: Issues and Practices*, 10(2), 32.
- Patelis, T., Kolen, M. J., and Parshall, C. (1997). Surveys of programs and employment in educational measurement. *Educational Measurement: Issues and Practices*, 16(3), 25-27.

Contents

Alabama	4
Arizona	5
Arkansas	6
California	7
Colorado	10
Connecticut	11
Delaware	12
Florida	13
Georgia	16
Hawaii	18
Illinois	19
Indiana	21
Iowa	23
Kansas	24
Kentucky	25
Louisiana	27
Maryland	28
Massachusetts	29
Michigan	31
Minnesota	33
Missouri	35
Nebraska	36
Nevada	37
New Jersey	38
New York	39
North Carolina	42
Ohio	44
Oklahoma	46
Oregon	47
Pennsylvania	48

South Carolina	50
South Dakota	51
Tennessee	52
Texas	53
Utah	56
Virginia	57
Washington	59
Wisconsin	61
Alberta, Canada	63
British Columbia, Canada	64

Alabama

Institution: Auburn University
Program: Educational Psychology
Degree: Ph.D., Graduate Certificate in Evaluation
Address: Auburn University College of Education
3084 Haley Center
Auburn, Alabama 36849-5218
Phone: (334) 844-4446
Fax: (334) 844-5785
Contact: Program Coordinator: Kamden Strunk, Ph.D.
Email: kks0013@auburn.edu
Web Address: <http://www.education.auburn.edu/academic-program/educational-psychology/>
Summary: Our program prepares individuals for teaching and/or research careers in many specialized areas. Students learn to combine research and practical application to understand significant issues in education and psychology. Students' research areas include development, learning, individual learner differences, intelligence, learning and study strategies, motivation, measurement, evaluation, assessment, and statistics. Our graduates work for colleges and universities, school systems, state and federal agencies, business and industry, private research and development organizations; as well as other educational and developmental settings.

Institution: University of Alabama
Program: Educational Research
Degree: Ph.D., Graduate Certificate
Address: The University of Alabama
Box 870231
Tuscaloosa, AL 35487-0231
Phone: (205) 348-7575
Contact: Dr. Sara Tomek
Email: stomek@ua.edu
Web Address: <https://education.ua.edu/programs/ber/Ph.D./>
Summary: The Educational Research program at the University of Alabama focuses on Research Methodology and prepares scholars to critically engage in educational research and evaluation, develop appropriate and innovative research designs, and contribute conceptually sound analyses to the overlapping fields of education, the social sciences, and the health sciences. The strength of our program centers around a core of collaborative faculty and prominent scholars who remain dedicated to the development and application of dynamic research methodologies situated within contemporary conceptual frameworks. Areas of specialization within our degree program include qualitative methods, quantitative methods, mixed-methodology, psychometrics, and evaluation.

Arizona

Institution: University of Arizona
Program: Educational Psychology
Degree: Ph.D., M.A., Graduate Certificate
Address: Education Building, Sixth Floor
1430 E. Second Street
Tucson, AZ 85721
Phone: (520) 621-7828
Contact: Department Head: Mary McCaslin
Email: mccaslin@email.arizona.edu
Web Address: https://www.coe.arizona.edu/ep/degrees_programs

Institution: Arizona State University
Program: Measurement and Statistical Analysis (MASA) specialization within Family and Human Development
Degree: Ph.D.
Address: T. Denny Sanford School of Social and Family Dynamics
Arizona State University
P.O. Box 873701
Tempe, AZ 85287-3701
Phone: (480) 727-6924
Fax: (480) 965-6779
Contact: Dr. Marilyn Thompson, MASA Coordinator
Email: M.Thompson@asu.edu
Web Address: <https://thesanfordschool.asu.edu/masa>

Summary: The PhD in Family and Human Development offers a training specialization for students interested in the study of Measurement and Statistical Analysis (MASA). Students choosing the MASA specialization will undertake in-depth study of statistical and measurement methodologies that offer great utility for research in human development, family studies, and education, among other areas. Faculty and students in MASA study, evaluate, and develop statistical and measurement methods applicable to investigating issues in family and human development as well as the social sciences in general. Students whose primary interest is in measurement, methods, and statistical modeling should complete the MASA specialization, along with additional coursework and research focused on quantitative methods. Students whose primary interest is in other substantive areas within FHD (e.g., social relationships, developmental processes) but who would like to develop strength in measurement and statistical analysis should also consider the MASA specialization.

Arkansas

Institution: University of Arkansas
Program: Educational Statistics and Research Methods
Degree: Ph.D., Graduate Certificates
Address: Educational Statistics and Research Methods
Department of Rehabilitation, Human Resources and Communication Disorders
College of Education and Health Professions
324 Graduate Education Building
University of Arkansas
Fayetteville, AR 72701
Phone: (479) 575-3208
Contact: Dr. Charles Stegman
Email: rhrcgrad@uark.edu;
Web Address: <https://esrm.uark.edu/>
Summary: The Educational Statistics and Research Methods Program in the College of Education and Health Professions advances theory and practice in its constituent fields -- educational psychology; educational policy; research and statistical methods; testing and measurement; and historical, philosophical and social-cultural foundations. The doctoral program develops professionals in the areas of educational statistics and research methods. Coursework is focused on theoretical and applied statistics in an educational context, however, courses include applications of research methods and statistics to a variety of academic fields. Graduates will be prepared for employment in higher education; local, state, and national educational agencies; research and policy organizations; and industries with internal data analysis needs.

California

Institution: Stanford University
Program: Developmental and Psychological Sciences (DAPS)
Degree: Ph.D.
Address: Stanford Graduate School of Education
485 Lasuen Mall
Stanford, CA 94305-3096

Phone: (650) 723-2109

Contact: Dr. Benjamin Domingue

Email: bdomingu@stanford.edu

Web Address: <https://ed.stanford.edu/academics/doctoral/daps>

Summary: Both programs emphasize disciplined inquiry aimed at understanding human psychological functioning in relation to issues in learning and teaching. Faculty and student research is centrally concerned with the psychology of learning and motivation, teaching, measurement and developmental processes. The programs prepare students for careers in scholarly research and in teaching with the goal of developing theory and research for the improvement of practice in education. All students are expected to achieve knowledge and expertise in several substantive domains of developmental and psychological theory and research methodology and to embrace the highest scientific, professional, and ethical standards. Students and faculty in DAPS work collaboratively throughout the program. In the first two years of doctoral studies, students develop their program of study in close collaboration with their advisors. The program ranges across the major domains of psychology relevant to education while developing an individual specialization for each student.

Institution: UCLA
Program: Social Research Methodology
Degree: Ph.D., EdD, MA
Address: UCLA Graduate School of Education & Information Studies
3026 Moore Hall
405 Hilgard Ave.
Los Angeles, CA 90095-1521

Phone: (310) 825-8326

Contact: Division Head: Michael Seltzer

Email: mseltzer@ucla.edu

Web Address: <https://gseis.ucla.edu/education/academic-programs/social-research-methodology/>

Summary: The Social Research Methodology (SRM) Division is committed to the study and practice of methods of inquiry in educational and social research. The M.A. and Ph.D. programs emphasize the design and conduct of research and evaluation, development and application of new techniques, analysis and interpretation of data in the context of theory and practice, and critical examination of research-based claims. Our goal is to prepare individuals who can critically examine

research and evaluation, develop data collection designs and instruments, and conduct conceptual and statistical analyses appropriate to the field of education as well as other behavioral and social sciences.

Institution: University of California, Santa Barbara
Program: Dept. of Education, Policy, Leadership, and Research Methods
Degree: Ph.D., M.A.
Address: Graduate School of Education
UCSB
Santa Barbara, CA 93106-9490
Phone: (805) 893-4515
Fax: (805) 893-7264
Contact: Lauren Winczewski (QMSS peer advisor)
Email: progoffice@education.ucsb.edu or winczewski@psych.ucsb.edu (QMSS)
Web Address: <http://education.ucsb.edu/program/researchmethods.index.html> or QMSS <https://www.qmss.ucsb.edu/>

Summary: Faculty in this area pursue programs of research that focus on the exploration of both substantive and methodological questions. Substantively, faculty examine the ways in which the broader contexts of education can be affected by the policies and practices of educational organizations and their leaders, and in turn, how those policies and practices can affect the lives of people both inside and outside educational settings. Methodologically, faculty research the application of diverse quantitative and qualitative approaches to the analysis of educational data, the development and assessment of new analytic approaches, and the evaluation of effective policies and practices. Students who work within this area will gain a multidisciplinary perspective on policy and practice that focus directly on issues of diversity and equity, and will receive comprehensive and rigorous training in the design and analysis of quantitative and qualitative data.

Institution: University of California, Berkeley
Program: Quantitative Methods and Evaluation
Degree: Ph.D., EdD, MA
Address: Graduate School of Education
University of California, Berkeley
1501 Tolman Hall
Berkeley, CA 94720-1670
Phone: (510) 642-5345
Contact: Dr. Mark Wilson
Email: MarkW@berkeley.edu
Web Address: <https://gse.berkeley.edu/social-research-methodologies>

Summary: Dig into data by applying either qualitative, quantitative and/or computational methods to the problems of research, assessment, and program evaluation in education. Faculty have technical expertise ranging from design-based research to ethnography and interviewing, to measurement, assessment and evaluation, in addition to theory, applied statistics, and the manipulation of large data sets. Faculty train students to build a context for methodological applications that

can inform education policy, practice, and curriculum, and to build the analytical skills necessary to investigate empirical questions in technically sophisticated and innovative ways.

Institution: University of California, Davis
Program: Education
Degree: M.A.
Address: University of California, Davis
1 Shields Ave.
Davis, CA 95616

Phone: (530) 752-7259

Contact: MA Program Coordinator

Email: eduadvising@ucdavis.edu

Web Address: <https://education.ucdavis.edu/ma-program-information/ma-elective-coursework-area-educational-assessment-and-measurement>

Summary: The School's one-year MA in Education current research focus is in Educational Assessment and Measurement. As such, it focuses on developing skills in quantitative research methods and in the interpretation, design, and evaluation of educational and psychological assessments, and prepares students to work as assessment experts in a variety of settings including: school districts, state departments of education, educational research and policy organizations, testing companies, and institutional research offices. This one-year full-time program requires students to take a variety of courses in research methods, statistics, and educational measurement while also exposing students to educational measurement issues in an hour-long proseminar that hosts guest speakers who work in assessment in a variety of settings. In addition to coursework, students will complete a capstone project that will include a written exam.

Institution: University of California, Merced
Program: Quantitative Psychology
Degree: Ph.D.
Address: Psychological Sciences
5200 North Lake Rd.
Merced, CA 95343

Phone: (209) 228-4549

Contact: Dr. Sarah Depaoli

Email: sdepaoli@ucmerced.edu

Web Address: <https://psychology.ucmerced.edu/graduate-program/areas-focus/quantitative>

Summary: The PhD in Quantitative Psychology offers a training specialization for students interested in a wide array of topics, including Bayesian statistics, experimental and quasi-experimental design, meta-analysis, propensity score analysis, psychometric theory, structural equation modeling, hierarchical linear modeling, item response theory, test design and analysis, longitudinal statistical modeling, sample size planning and statistics that are robust to violations of assumption.

Colorado

Institution: University of Colorado Boulder
Program: Research and Evaluation Methodology, School of Education
Degree: Ph.D., Graduate Certificate
Address: Campus Box 249
University of Colorado
Boulder, CO 80309
Phone: (303) 492-6320
Contact: Dr. Derek Briggs
Email: Derek.Briggs@colorado.edu
Web Address: <http://www.colorado.edu/education/graduate-programs/rem-research-evaluation-methodology>

Summary: The Ph.D. program in Research and Evaluation Methodology (REM) offers a way to combine substantive interests about education with advanced training in research methods. A central mission of the program is to give students the training they need to use sophisticated methods that shed light on policies, programs and practices that have been enacted to facilitate student learning and to mitigate educational inequality. You will learn not only how to apply a methodological approach, but to think deeply about when and why the approach is sensible given the real-world context that motivated the need for research. Learning how to do high quality research is just one piece of the puzzle. Communicating your findings with clarity is another. In REM, you will develop the ability to convey the results from complicated studies to a broad audience.

Institution: University of Denver
Program: Research Methods and Statistics
Degree: Ph.D., MA
Address: Morgridge College of Education
1999 E. Evans Ave.
Denver, CO 80208
Phone: (303) 871-2509; Toll Free: 1-800-835-1607
Email:
Contact: Dr. Nick Cutforth
Email: mce@du.edu ; Nicholas.Cutforth@du.edu
Web Address: <http://morgridge.du.edu/programs/research-methods-and-statistics/>

Summary: From marketing to education to psychology, students from many different academic and professional backgrounds find their place in our Research Methods and Statistics program in the Department of Research Methods and Information Science. Our program goes beyond educational research to include social, behavioral, and health research. You will develop advanced, and holistic, analytical skills that will help you use data as a tool for promoting social justice and the public good. Unlike many other research programs, our program focuses on both qualitative and quantitative research, as well as mixed methods. And our action-based research approach allows you to work closely with our experienced faculty and community partners and start your research right away.

Connecticut

Institution: University of Connecticut
Program: Measurement, Evaluation and Assessment
Degree: Ph.D., MA, Graduate Certificate
Address: Neag School of Education
249 Glenbrook Road, Unit 3064
Charles B. Gentry Building
Storrs, CT 06269-3064
Phone: (860) 486-3815; (860) 486-1244
Contact: H. Jane Rogers, Ph.D., MEA Program Coordinator
Email: jane.rogers@uconn.edu
Web Address: <https://mea.education.uconn.edu/>
Summary: The graduate program in Measurement, Evaluation, and Assessment (MEA) leads to an M.A. or Ph.D. degree in Educational Psychology. The program is designed for educators and practitioners who wish to become more knowledgeable about measurement, evaluation and assessment practices in schools and other formal or informal educational settings. We also offer a graduate certificate in program evaluation. The Master's program emphasizes the application of measurement, assessment, and evaluation theory and procedures. We encourage students to supplement their MEA coursework with courses in other discipline areas that best suit their individual goals and objectives. The Ph.D. program in Measurement, Evaluation and Assessment integrates theory and practice to promote the scientific uses of measurement within the field of education and related disciplines. Coursework focuses on current and emerging topics including instrument development, classical and modern measurement theory and applications, item response theory, causal inference, multivariate statistical techniques, multilevel modeling, sampling methodology, and educational assessment. See the MEA Handbook for more information about our graduate degree programs.

Delaware

Institution: University of Delaware
Program: Evaluation, Measurement, and Statistics
Degree: Ph.D.
Address: School of Education
113 Willard Hall Education Building
Newark, DE 19716

Phone: (302) 831-8695

Fax: (302) 831-4110

Contact: Henry May, Ph.D.

Email: hmay@udel.edu

Web Address: <http://www.education.udel.edu/doctoral/Ph.D./ems/>

Summary: The Evaluation, Measurement, and Statistics (EMS) program is a specialization in education leading to the Ph.D. Drawing on the diverse methodological expertise of faculty, the EMS program offers a comprehensive range of courses designed to prepare students to develop, critically evaluate, and properly use quantitative and mixed methodologies to advance educational research. The EMS faculty believes that fundamental contributions to educational methodology can be accomplished through study of a wide variety of areas in research methods. For example, students are taught to:

- Understand recent developments in psychometric theory, as well as technical issues underlying construction and use of tests for selection, placement, and instruction.
- Develop skills in advanced statistical modeling using a variety of software and have an opportunity to examine how these models are applied to school effectiveness, economic and social stratification, the structure of human abilities, and achievement growth.

Florida

Institution: Florida State University
Program: Measurement and Statistics Program, Department of Educational Psychology and Learning Systems
Degree: Ph.D., MA, Graduate Certificate
Address: Stone Building
1114 W. Call Street
Tallahassee, Florida · 32306-4450
Phone: (850) 644-6885
Contact: Dr. Russell Almond
Email: ralmond@fsu.edu
Web Address: <http://education.fsu.edu/degrees-and-programs/measurement-and-statistics>
Summary: The master's degree in Measurement and Statistics provides a theoretical and research background, but its emphasis is on building preliminary skills in measurement theory, statistical analysis, and evaluation. This degree can also complement a higher degree in a related discipline, such as Educational Leadership and Policy Studies, Educational Psychology, or Instructional Systems and Learning Technologies. We also offer an 18-credit-hour graduate certificate in Measurement and Statistics. The doctoral degree in Measurement and Statistics emphasizes both advanced instruction and direct experience with measurement and applied statistics issues. Doctoral students develop and investigate the properties of statistical and psychometric techniques, or study challenging problems of assessment and educational data analysis in real-world contexts. Some students obtain hands-on psychometric experience via our internship program with the Florida Department of Education.

Institution: University of Florida
Program: Research and Evaluation Methodology
Degree: M.Ed., M.A.E., Ph.D.
Address: College of Education
140 Norman Hall
PO Box 117040
Gainesville, FL 32611-7044
Phone: (352) 392-0726
Contact: Dr. Anne Corinne Huggins-Manley, Program Coordinator
Email: amanley@coe.ufl.edu
Web Address: <http://education.ufl.edu/research-evaluation-methods/>
Summary: The REM program has a four-year Ph.D., and two-year master's degrees (M.A.E. and M.Ed.). In this on-campus program, students develop skills in data analysis, educational research design and evaluation assessment through the courses offered by REM program faculty, by participating in research projects with faculty, and by conducting their own research projects. Graduates of the REM program find work as researchers, psychometricians, and data analysts in testing

companies, research and evaluation companies, universities, school districts, state and federal agencies.

Institution: University of South Florida
Program: Educational Measurement and Research
Degree: Ph.D., Ed.S., M.Ed., Graduate Certificate
Address: Department of Educational Measurement & Research
University of South Florida
4202 E. Fowler Avenue, EDU 105
Tampa, FL 33612
Phone: (813) 974-3400; (813) 974-8351
Contact: Todd Williams
Email: twwillia@usf.edu
Web Address: <http://www.usf.edu/education/areas-of-study/educational-measurement/>
Summary: Educational Measurement and Research has a strong tradition of inquiry and scholarship, quality teaching and mentoring, commitment to diversity, and service to colleagues within the College, University, P-12 schools, and professional associations. With increased emphasis on educational accountability and the need for evidence-based practice, the fields of measurement, evaluation, research, and statistics have taken on key roles in informing educational policy and practice at the local, state, national, and international levels. Our M.Ed, Ed.S, and PhD programs in Measurement and Evaluation prepare students for leadership positions in these fields. We also offer graduate certificates in Evaluation, Qualitative Research in Education and Quantitative Research in Education. Employment options for graduates include positions in assessment/evaluation (e.g., Directors of Accountability and Assessment, Supervisors of Testing, Evaluation and Research) in school districts; faculty positions in public and private accredited colleges, universities, and community colleges; research positions in state departments of education and other governmental agencies; and measurement positions in state and national testing organizations (e.g., ETS, ACT).

Institution: University of Miami
Program: Research, Measurement, and Evaluation
Degree: Ph.D., MA
Address: Max Orovitz Building
1507 Levante Ave
Coral Gables, FL 33146
Phone: 305-284-5102
Contact: Dr. Cengiz Zopluoglu
Email: c.zopluoglu@miami.edu
Web Address: <https://sites.education.miami.edu/research-measurement-evaluation-ph-d/>
Summary: The objective of the RME program is to train individuals to become experts in the research methodology, measurement, and applied statistics used in conducting applied research, evaluations, and assessments related to educational, psychological, and health outcomes. Graduates of the program have obtained

skills concerning: how to design research studies and evaluations, what statistical and measurement analyses must be conducted to answer the desired research questions, how to analyze the collected data using appropriate statistical software.

An emphasis of the program is on gaining experience in the application of the relevant methodologies using real-world data examples.

The Ph.D. in RME provides individuals with an in-depth knowledge of intermediate and advanced statistical and measurement methodologies, as well as preparing individuals to make original contributions to the fields of measurement and statistics. Completion of the Ph.D. requires a minimum of 63 graduate semester credit hours, divided between a core set of required courses, a set of elective courses, and dissertation hours. Although students in the Ph.D. program are trained in a broad range of measurement and statistical methodologies, they will conduct focused research in one of two areas of specialization under the tutelage of RME faculty: (a) research methodology and statistics, and (b) measurement. The curriculum of the M.S. Ed. in RME is structured around three components: (A) a core set of 24 credits (8 courses of 3 credits each) of required coursework covering the fundamentals of research design, measurement, and statistical analysis; (B) 6 credits of elective course-work; and (C) a comprehensive exam occurring upon the completion of the 24 credits of required coursework.

Georgia

Institution: Georgia State University
Program: Research, Measurement, and Statistics
Degree: M.S., Ph.D.
Address: Georgia State University
College of Education & Human Development
Department of Educational Policy Studies
30 Pryor Street, Suite 450
Atlanta, GA 30302-3977
Phone: 404-6561-2582; 404-413-8281
Contact: Jennifer Esposito, Program Coordinator
Email: jesposito@gsu.edu
Web Address: <http://eps.education.gsu.edu/programs-courses/rms/>
Summary: The Research, measurement and statistics program trains educational researchers. This program is composed of two research strands: quantitative methodology and qualitative methodology. Students choose one of these strands to become an expert in their chosen methodology. Those in the first strand use statistical methods to examine various aspects of educational policy and their influences on students. Those in the second strand often define education and its policies more broadly, examining social discourses that produce and reproduce social inequities.

Institution: University of Georgia
Program: Quantitative Methodology
Degree: Ph.D., MA, M.Ed.
Address: 323 Aderhold Hall
110 Carlton Street
Athens, Georgia 30602
Phone: (706) 542-4110
Fax: (706) 583-0042
Contact: Dr. Laine Bradshaw
Email: laineb@uga.edu
Web Address: <https://coe.uga.edu/directory/programs/quantitative-methodology>
Summary: The mission of the Quantitative Methodology program is to:

- Increase the effectiveness of research and assessment in the social sciences by advancing quantitative methodology through state-of-the-art research.
- Train students to become high-quality researchers in the areas of psychometrics, statistics, measurement, and assessment.

The Quantitative Methodology program offers three degrees under the Department of Educational Psychology. The M.A. and Ph.D. in Quantitative Methodology are research-oriented degrees. The M.A. and Ph.D. degree culminate in a thesis and dissertation, respectively, that advances the field quantitative methodology in a significant way. The M.Ed. program focuses on applications of advanced quantitative methodology and is open to students

enrolled at UGA in another doctoral program to complete in order to develop a top-notch statistical toolkit for conducting research in their primary discipline.

Institution: Georgia Institute of Technology
Program: Quantitative Psychology
Degree: Ph.D.
Address: School of Psychology Room 231
JS Coon Building
654 Cherry Street
Atlanta, Georgia 30332-0170
Phone: (404) 385-0501
Contact: Dr. Susan Embretson
Email: susan.embretson@psych.gatech.edu
Web Address: <http://psychology.gatech.edu/research/quantitative>
Summary: Quantitative Psychology emphasizes the interface between quantitative methods and psychological issues. Graduates will be trained as quantitative specialists, with a substantial background in psychology. Students will complete a minor in either another area of psychology (Cognition and Brain Science, Cognitive Aging, Engineering Psychology and Industrial/Organizational Psychology) or in another discipline. Relevant disciplines outside psychology include computer science, industrial systems and engineering, bioinformatics, mathematics, and statistics. The exact focus of the student's studies depends on the current interests of the faculty and the student. Current faculty interests and course offerings include psychometric methods, item response theory, structural equation modeling, multivariate statistics, factor analysis and multilevel modeling as well as many other topics in psychological methods and statistics. Please visit the Quantitative Psychology Information page for more information regarding the research conducted in this area. Graduates from the program will be trained for employment in a variety of settings, including academic programs with advanced graduate degrees, basic research or applied research, and consulting in organizational settings.

Hawaii

Institution: University of Hawaii
Program: College of Education, Educational Psychology Department
Degree: Ph.D., MA
Address: 1776 University Ave.
University of Hawaii
Honolulu, HI 96822
Phone: (808) 956-4281
Contact: Katherine T Ratliffe, chair
Email: ratliffe@hawaii.edu
Web Address: <https://coe.hawaii.edu/academics/educational-psychology-edep>
Summary: Educators pursuing careers as professors, researchers, specialists, administrators, or other types of leadership positions may want to consider a Masters degree or PhD in the field of Educational Psychology. The Department of Educational Psychology (EDEP) promotes inquiry in human learning and development within the context of a diverse society. Specifically, the major areas of study include human learning, human development, research methodology, statistics, measurement, and assessment & evaluation. Both Master's and Doctoral degree programs are offered in this department.

Illinois

Institution: Southern Illinois University at Carbondale
Program: Quantitative Methods
Degree: Ph.D., Graduate Certificate
Address: Counseling, Quantitative Methods, and Special Education
Wham 223, Mail Code 4618
Carbondale IL 62901

Phone: (618) 453-2311

Fax: (618) 453-7110

Contact: Dr. Todd C. Headrick

Email: headrick@siu.edu

Web Address: <http://ehs.siu.edu/cqmse/graduate/ems/>

Summary: Quantitative Methods currently offers a post-baccalaureate (graduate) certificate program and a doctoral program. The Post-Baccalaureate (Graduate) Certificate in Quantitative Methods is designed to provide advanced training in quantitative methods for graduate students majoring in other programs, while the PhD concentration in Quantitative Methods has as its goal the development of specialists in the fields of statistics, measurement, or evaluation. Students are instructed in the underlying mathematical and statistical models that serve as the basis for research and evaluation in education, the behavioral and social sciences, or their own discipline. Students are encouraged to tailor their educational experience to serve their specific interests within the courses offered at SIUC, and they become proficient in broad but rigorous methodological skills as well as in the use of standard statistical software.

Institution: University of Illinois at Chicago
Program: Educational Psychology
Degree: Ph.D., M.Ed., M.Ed. online, Certificate online
Address: College of Education
Department of Educational Psychology
M/C 147

1040 W. Harrison St.

Chicago, IL 60607

Phone: (312) 996-4532

Contact: Ana Valenta, Program Advisor

Email: agarci5@uic.edu

Web Address: <https://education.uic.edu/academics-admissions/departments/department-educational-psychology#programs>

Summary: The UIC M.Ed. in MESA and ERM certificate programs offer the quantitative tools needed for a successful career in a wide variety of research settings, including academic institutions, school districts, state and federal agencies, healthcare research settings and certification, licensing and testing organizations. The UIC M.Ed. in MESA and ERM certificate offer you: Nationally-recognized

faculty; Projects and coursework tailored to your career goals and interests; In-depth experience with the most important and widely used statistical and measurement software; Specialized curriculum taught by professionals working full-time in MESA-related fields; An effective mix of theoretical and applied studies. Choose from a 32-credit hour master's degree or a 12-credit hour certificate program.

Institution: University of Illinois at Urbana Champaign (UIUC)
Program: Studies in Interpretive, Statistical, measurement, and Evaluative Methodologies for Education (QUERIES)
Degree: Ph.D., MA
Address: 260 F Education Building
1310 S. 6th St.
The University of Illinois at Urbana Champaign
Champaign, IL 61820
Phone: 217-244-3537
Contact: Dr. Carolyn Anderson
Email: cja@uiuc.edu
Web Address: <https://education.illinois.edu/edpsy/programs-degrees/queries>
Summary: Working in four specializations - measurement, statistics, evaluation, and research design - QUERIES faculty and students are concerned with developing and applying new methodologies and becoming involved with multiple research activities. Our students are in high demand for teaching and research assistantships, and when they graduate their positions in the public and private sector include measurement analysts, testing and evaluation directors, statistical specialists, and University faculty. Current research includes measuring the quality of life for medical patients, assessment-based standards and reform, the intersections of social science and social policy, democratic evaluation approaches, and philosophical issues in interpretive methodologies.

Indiana

Institution: Ball State University
Program: Educational Psychology
Degree: M.S., Ph.D.
Address: Department of Educational Psychology
Teachers College Room 505
Ball State University
Muncie, IN 47306

Phone: (765) 285-3653

Contact: Jerrell Cassady, Chairperson

Email: edpsy@bsu.edu

Web Address: <https://www.bsu.edu/academics/collegesanddepartments/educational-psychology/academic-programs>

Summary: Whether your ultimate goal is conducting research or working with children directly in the schools, Ball State's nationally accredited and highly ranked Department of Educational Psychology can provide you with the tools you need to build a successful career. We offer you individual attention, direct mentorship, and field-based learning experiences. You will also have the opportunity to participate in collaborative research projects with nationally recognized scholars. Our classes, both online and on-campus, are taught by leading experts in a wide range of fields.

Institution: Indiana University
Program: Inquiry Methodology
Degree: Ph.D.
Address: Wright Education Building
201 N. Rose Avenue, R. 4042
Bloomington, IN 47405-1006

Phone: 812-856-8300

Contact: Barbara Dennis

Email: bkdennis@indiana.edu

Web Address: <https://education.indiana.edu/programs/inquiry-methodology.html>

Summary: Explore the basic theoretical, methodological, ethical, and practical principles involved in conducting social science research in education. The domain of education is comprised of increasingly complex sets of social activities, coordinated both locally and globally. Understanding educational phenomena demands a commitment to inquiry. You will be able to contribute to the advancement of methodological theory and practice so that research endeavors in education might profit.

Institution: Purdue University
Program: Educational Psychology and Research Methodology

Degree: Ph.D., M.S.
Address: College of Education: Purdue University
100 N. University St., West Lafayette, IN 47907
Phone: (765) 494-2341
Fax: (765) 494-5832
Contact: Dr. Yukiko Maeda or Dr. Anne Traynor
Email: ymaeda@purdue.edu ; atraynor@purdue.edu
Web Address: <https://www.education.purdue.edu/academics/graduate-students/degrees-and-programs/graduate-programs/educational-psychology/>

Summary: Our master's and Ph.D. programs prepare students to be leaders in research that addresses significant educational and psychological problems. Our internationally-recognized faculty members offer students strong, individualized mentoring. We equip graduates for careers that create knowledge and improve the welfare of children, families and schools. Our graduates work as professors, education specialists, learning analysts, program evaluators and corporate trainers in higher education, research institutions, school systems, the testing industry, government agencies and private industry.

Iowa

Institution: University of Iowa
Program: Educational Measurement and Statistics
Degree: Ph.D., MA
Address: 224B1 Lindquist Center
University of Iowa
Iowa City, IA 52242
Phone: (319) 335-5420
Contact: Robert Ankenmann
Email: robert-ankenmann@uiowa.edu
Web Address: <https://education.uiowa.edu/all-academic-programs/educational-measurement-and-statistics>

Summary: The Educational Measurement and Statistics program is committed to preparing students for successful careers in educational measurement, evaluation, research, and statistical/quantitative analysis. Students in the Educational Measurement and Statistics select a focus in either educational measurement or applied statistics, and learn to understand theories, methods, professional ethics, and applications associated with quantitative research methodology in the social science context. Upon completion of the program, graduates are qualified to teach at the university level, analyze and interpret quantitative data, independently conduct research and communicate findings to various audiences, design assessments, and apply complex quantitative information in making policy decisions.

Kansas

Institution: University of Kansas
Program: Educational Psychology & Research, Quantitative Methods concentration
Degree: Ph.D., M.S.E.
Address: Department of Educational Psychology
Joseph R. Pearson Hall, Rm. 621
1122 West Campus Rd.
Lawrence, Kansas 66045-3101
Phone: (785) 864-3931
Contact: Dr. Jonathan Templin
Email: epsy@ku.edu
Web Address: <http://epsy.ku.edu/academics/educational-psychology-research/masters-degree/overview-benefits>
Summary: The Research, Evaluation, Measurement, and Statistics (REMS) track for the Ph.D. in Educational Psychology & Research prepares students for careers in quantitative methodologies. The Ph.D. program includes coursework in research methods, program evaluation, classroom assessment, measure development, and statistics. Doctoral students develop their own research agenda around a relevant development and learning topic in collaboration with faculty. Research training includes presenting research at national conferences and publishing research in scientific journals. Teaching at the University is also an integral part of our doctoral education.

Kentucky

Institution: University of Kentucky
Program: Quantitative and Psychometric Methods
Degree: PhD
Address: 251C Dickey Hall

University of Kentucky
Lexington, KY 40506

Phone: 859-257-3395

Contact: Dr. Michael Toland

Email: toland.md@uky.edu

Web Address: <https://education.uky.edu/edp/qpm/>

Summary: The Quantitative and Psychometric Methods (QPM) program is an advanced strand under the Interdisciplinary Ph.D. in Education Sciences housed in the College of Education. The QPM program is hosted by the Department of Educational, School, and Counseling Psychology (EDP). The primary objective of the QPM program is to promote the development of advanced quantitative and psychometric knowledge and skills that allow program graduates to function as competent independent researchers or scientists who can innovatively and effectively carry out research design and data analysis for all kinds of empirical purposes. Students completing a degree in QPM will have the opportunity to work in a variety of settings, including research and teaching universities, testing companies, consulting firms, survey polling organizations, school districts, survey polling organizations, industry, research centers, and institutes.

Institution: University of Kentucky
Program: Research Methods in Education
Degree: M.S., Graduate Certificate
Address: 131 Taylor Education Building

University of Kentucky
Lexington, KY 40506

Phone: 859-257-2626

Contact: Dr. Kelly Bradley

Email: kelly.bradley@uky.edu

Web Address: <https://education.uky.edu/epe/research-methods/>

Summary: Research Methods in Education is an inter-disciplinary framework that draws from perspectives in policy, psychology, pedagogy and history. The Department of Educational Policy Studies and Evaluation offers two graduate programs in Research Methods. The first is a 15-credit Graduate Certificate program where students will learn the fundamentals in basic research methods in education. The second program is a 36-credit Master's Degree that moves students beyond the fundamentals and allows the study of a focused topic: quantitative methods, evaluation, or research design. Both programs are designed to prepare individuals

for a fulfilling career change or even expand their current responsibilities in various fields, including:

- academic institutions
 - K-12 school districts
 - state and federal agencies
 - training programs, in health-related professions
 - organizations that specialize in certification, licensing, and testing
- Students will develop critical research skills and data analysis techniques and will be able to apply those skills and techniques to real world settings and pressing issues in education.

Institution: University of Louisville
Program: Educational Psychology, Measurement and Evaluation
Degree: Ph.D.
Address: Department of Counseling and Human Development
College of Education & Human Development
University of Louisville
Louisville, KY 40292
Phone: 502-852-3830
Contact: Jeffrey C. Valentine
Email: jeff.valentine@louisville.edu
Web Address: <http://louisville.edu/education/degrees/Ph.D.-cps-epme>
Summary: The Doctor of Philosophy (Ph.D) in Counseling and Personnel Services (CPS) with a specialization in Educational Psychology, Measurement, and Evaluation (EPME) prepares students to enhance the knowledge base of educational research and assessment. It synthesizes interdisciplinary coursework, training, and fieldwork in order to answer the question of what works in schools—as well as how, under what conditions, and why. All EPME specialization experiences are focused on the comprehension and solution of problems using large datasets and real districts, schools, and classrooms as mechanisms for learning. In keeping with the mission of the CEHD and the commitment of the University of Louisville as a whole, activities will, whenever possible, be designed to engage students with issues affecting urban, minority, and at-risk populations in the surrounding community and the nation. The EPME specialization has been constructed to give students rigorous coursework and practical experiences, and develop their research and professional skills during a critical formative stage of their careers. It provides students with a "toolbox" of advanced theoretical, methodological, and statistical skills; rich, applied research experiences in complex educational settings, specifically school reform settings; intensive faculty mentoring; a systemic awareness of educational policy and reform contexts; and professional development opportunities.

Louisiana

Institution: Louisiana State University
Program: Educational Research Methodology
Degree: Ph.D., M.A.
Address: **School of Education**
College of Human Sciences & Education
223 Peabody Hall
Baton Rouge, LA 70803
Phone: (225) 578-6867
Contact: Dr. Eugene Kennedy
Email: ekennedy@lsu.edu
Web Address: https://lsu.edu/chse/education/graduate_programs/edresearchphd.php or
https://lsu.edu/chse/education/graduate_programs/appliedresearch.php
Summary: The Educational Research Methodology program prepares research methods specialists for positions in K12, higher education, government agencies, research centers and other settings in which expertise in research methods is required. Graduates hold positions as research scientists, evaluators, statisticians, etc. Many pursue careers as faculty in research extensive or teaching universities.

Maryland

Institution: University of Maryland
Program: Measurement, Statistics, and Evaluation
Degree: Ph.D., M.A., Graduate Certificate
Address: College of Education
Room 1230 Benjamin Bldg.
University of Maryland
College Park, MD 20742-1115
Phone: (301) 405-2827
Contact: Dr. Greg Hancock
Email: ghancock@umd.edu
Web Address: <https://education.umd.edu/measurement-statistics-evaluation-program>
Summary: We offer graduate programs in Measurement, Statistics and Evaluation that train future professionals in these areas and lead to both the Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.) degrees. Our programs are widely recognized as being among the best programs in the country, with exceptional students trained by faculty who are respected leaders within their specialties.

Massachusetts

Institution: Boston College
Program: Measurement, Evaluation, Statistics, and Assessment
Degree: Ph.D., M.Ed., M.S., Graduate Certificate
Address: Lynch School of Education
Campion Hall
140 Commonwealth Avenue
Chestnut Hill, MA 02467
Phone: (617) 552-4200
Contact: Dr. Larry H. Ludlow
Email: ludlow@bc.edu
Web Address: <http://www.bc.edu/erme>
Summary: With a focus on solving critical, global problems, our Measurement, Evaluation, Statistics, and Assessment programs integrate state-of-the-art research design, statistical methods, and testing. Students collaborate with faculty who are active practitioners, internationally recognized for their influential work in communities. Coursework blends theory and application, preparing students for careers in government, testing organizations, nonprofits, and schools.

Institution: University of Massachusetts
Program: Research, Educational Measurement and Psychometrics
Degree: Ph.D., M.Ed.
Address: University of Massachusetts Amherst
College of Education
813 North Pleasant Street
Amherst, Massachusetts 01003
Phone: (413) 545-0262
Contact: Steve Sireci
Email: sireci@acad.umass.edu
Web Address: <http://www.umass.edu/education/departments/epra/psychometric-methods>
Summary: Testing and assessment are very prominent in today's society. They are used in instruction, diagnosis, placement, promotions, credentialing, and selection decisions, and in educational research and evaluation. Furthermore, the No Child Left Behind legislation has led to a substantial increase in testing in the public school system. Persons trained to develop instruments such as tests, assessments, and questionnaires, to use new models and methods for data collection and analysis (such as item response theory and structural equation models), design sampling frameworks, collect and analyze data, and conduct research and evaluation studies, play vital roles in education. The Research, Educational Measurement and Psychometrics Concentration doctoral concentration offers a graduate level program for the training of persons with specialized skills in the areas of psychometric methods (e.g., item response theory, classical test theory, and scaling), statistics, instrument development, and data analysis. Most students

admitted into the Program are provided with full research assistantships and tuition waivers. The assistantships provide students with opportunities to develop practical skills, and carry out research studies. Summer internships are also a part of the graduate student training experience, and so the faculty work closely with students to create these important training opportunities. The concentration) has close connections with many testing agencies around the country that provide these summer internship experiences.

Michigan

Institution: Michigan State University
Program: Measurement & Quantitative Methods
Degree: Ph.D.
Address: Counseling Educational Psychology, and Special Education
Erickson Hall
620 Farm Lane, Room 447
East Lansing, MI 48824
Phone: 517-353-0701
Contact: Bill Schmidt
Email: mqm@msu.edu
Web Address: <http://education.msu.edu/cepse/mqm/>
Summary: The Measurement and Quantitative Methods (MQM) Program at Michigan State University offers a doctoral program for students wishing to specialize in educational and psychological test development, or quantitative methodology as applied to problems in educational and social science research. Specifically, our students prepare for academic positions as education, psychology or applied statistics faculty members in the testing industry, at research institutes or in-state or national departments of education, where the analysis of educational data or the development, administration and analysis of tests and surveys are key activities.

Institution: Wayne State University
Program: Education Evaluation & Research
Degree: Ph.D., Ed.D., M.Ed.
Address: College of Education
Wayne State University
441 Education Bldg.
Detroit, MI 48202
Phone: (313) 577-1620
Contact: Shlomo Sawilowsky, Ph.D.
Email: shlomo@wayne.edu
Web Address: <http://coe.wayne.edu/tbf/eer/index.php>
Summary: Evaluation and Research offers concentrated programs for building careers and leadership positions in educational statistics, research, measurement, and evaluation. These programs were designed for students who have training and experience in substantive disciplines in either education or non-education fields. Proficiency and excellence will be acquired in scientific inquiry, research methodology, program evaluation, psychometry and construction of psychological and educational tests, and statistical analysis of social and behavioral data, especially using computer technology.

Institution: Western Michigan University
Program: Evaluation, Measurement, and Research

Degree: Ph.D., M.A.
Address: Department of Educational Leadership Research and Technology
Western Michigan University
Kalamazoo MI 49008-5283 USA
Phone: (269) 387-3896
Web Address: <http://wmich.edu/leadership/academics/emr>
Summary: The Master of Arts in evaluation, measurement and research in the Department of Educational Leadership, Research and Technology at Western Michigan University is designed to prepare you for staff positions in evaluation, testing or research units in schools or non-school organizations. The Doctor of Philosophy program is designed to prepare students to be an evaluator, assessment specialist, or researcher for leadership and teaching positions in schools, non-school organizations, institutions or higher education, and government. The doctoral program in evaluation, measurement and research is interdisciplinary in nature and is designed to expose future evaluators to practice linked learning in a world-class center of excellence in evaluation. The faculty advising and teaching in these programs are nationally and internationally recognized in the field of evaluation.

Minnesota

Institution: University of Minnesota
Program: Quantitative Methods in Education
Degree: Ph.D., MA
Address: 250 Education Sciences Bldg.
56 East River Road
Minneapolis, MN 55455
Phone: (612) 624-6083
Fax: (612) 624-8241
Contact: Dr. Michael C. Rodriguez
Email: mcrdz9@umn.edu
Web Address: <http://www.cehd.umn.edu/edpsych/programs/qme/>
Summary: Solve problems in education through research. Discover solutions to issues in educational research, assessment, and program evaluation through measurement, evaluation, and statistics. Upon graduation, you'll be equipped to help inform educational policy, practice, and curriculum and—most importantly—help schools and students succeed.

Careers:

- Test publishing firms
- Teaching and research at colleges and universities (Ph.D. only)
- Research and evaluation centers
- Public school systems
- State departments of instruction
- Private industry

Program: Quantitative/Psychometric Methods (Psychology)
Degree: Ph.D.
Address: Department of Psychology
N218 Elliott Hall
75 E River Rd
Minneapolis, MN 55455
Phone: (612) 625-2818
Contact: Neils Waller
Email: nwaller@umn.edu
Web Address: <http://www.psych.umn.edu/areas/psychometric/index.htm>
Summary: An international leader in applications and theory of psychological measurement, the Quantitative/Psychometric Methods program brings together the talents of program and affiliated faculty. You can specialize in one or more areas of psychometrics, including multivariate methodology such as factor analysis, structural equation modeling, item response theory, computerized adaptive testing, multi-way data analysis, and nonparametric methods. You are encouraged to conduct research with more than one faculty member over your course of study. Affiliated faculty interests include methodological and substantive

problems in cognitive measurement (including the measurement of abilities, aptitude, and achievement), psychopathology, personality measurement, and the measurement of preferences. The QPM program will prepare you for research, teaching, and technical careers. You will learn research skills that will help you develop innovative solutions to problems in psychological measurement and the analysis of psychological change. Our program covers problems of translating psychological observations into numerical form by developing psychological measurement instruments and by developing new methods for scaling psychological data, investigating the reliability and validity of psychological data, and analyzing psychometric data using a variety of modeling approaches. We also maintain a close collaboration with the School of Statistics, and many of our students acquire an MS in statistics while enrolled in the program.

Missouri

Institution: University of Missouri-Columbia
Program: Statistics, Measurement, and Evaluation in Education
Degree: Ph.D., M.A., Graduate Certificate
Address: College of Education Dean's Office
University of Missouri
118 Hill Hall, Columbia MO 65211
Phone: (573) 882-7732
Contact: Matt Easter
Email: EasterMA@missouri.edu
Web Address: <https://education.missouri.edu/educational-school-counseling-psychology/degrees-programs/statistics-measurement-evaluation-education/>
Summary: The Statistics, Measurement, and Evaluation in Education (SMEE) program provides rigorous training in statistical methods, educational measurement, and research methodologies. Graduates from our program are prepared to make scientific and systematic inquiries and to make data-driven decisions, typically attaining employment positions at universities, research centers, and testing organizations.

Institution: University of Missouri-St. Louis
Program: Educational Research and Program Evaluation
Degree: M.Ed.
Address: College of Education
1 University Blvd.
201 Education Admin Building
St. Louis, MO 63121-4400
Phone: (314) 516-4970
Admissions Toll-Free: 1-888-GO-2-UMSL
Contact: Dr. Cody Ding
Email: dingc@umsl.edu
Web Address: https://coe.umsl.edu/mycoe/index.cfm?event=p2_pe:viewProgram&program_id=MEd.EdPsychRsSchEval
Summary: The M. Ed. in Educational Psychology with an emphasis in Educational Research and Program Evaluation degree provides in-depth study into the psychological foundations of education while developing expertise in evaluation strategies to assess program effectiveness, facilitate sound, data-driven decisions, and inform evidence-based policy. The program curriculum is designed to provide a combination of academic knowledge and practical experiences that will have a profound impact on candidates' educational and professional lives. Our program provides a high-impact, high-demand degree for those who are looking to generate a stronger competitive edge and perform better in their careers.

Nebraska

Institution: University of Nebraska-Lincoln
Program: Quantitative, Qualitative and Psychometric Methods
Degree: Ph.D., MA, Graduate Certificate
Address: University of Nebraska-Lincoln
Educational Psychology
36 TEAC
Lincoln, NE 68588-0345
Phone: (402) 472-2223
Contact: Dr. Jim Bovaird
Email: jbovaird2@unl.edu
Web Address: <http://cehs.unl.edu/edpsych/quantitative-qualitative-psychometric-methods/>
Summary: Formed in 1987, QQPM offers M.A. and Ph.D. degrees with foci in educational measurement, applied statistics, and research methods. We have a deep commitment to recruiting and retaining a diverse student body, and an excellent record of mentoring students through their programs with opportunities to work intensely with program faculty, to benefit from research and applied consultative experiences, and to participate in rich practicum experiences. QQPM is a multidisciplinary specialization that provides students with a wide range of skills related to research methodology, educational and psychological measurement, and applied statistics. The Faculty specialize in applied psychometrics, latent variable modeling, equating, multilevel modeling, and mixed methodology. We emphasize quantitative and mixed-method research approaches and its integration with the cognitive and developmental principles of educational psychology. The curriculum in QQPM is flexible enough to allow students to specialize their expertise while receiving a well-balanced education. Graduates of QQPM work in a variety of professional settings, including school districts, private assessment and consulting firms such as Educational Testing Service and the Gallup Organization, and universities throughout the United States. QQPM graduates are aggressively recruited and we proudly boast a 100% employment record.

Nevada

Institution: University of Nevada, Las Vegas

Program: Educational Psychology

Degree: M.S.

Address: Carlson Education Building

University of Nevada

Las Vegas, NV 89154

Phone: (702) 895-3253

Contact: Dr. Vicki Rosser

Email: vicki.rosser@unlv.edu

Web Address: <http://education.unlv.edu/ephe/programs/ms-educational-psychology/>

Summary: The Master of Science in Educational Psychology is appropriate for students seeking the core knowledge, research tools, and educational experiences necessary to succeed in various educational settings. This program is appropriate for elementary, secondary, and special education teachers who wish to enhance classroom skills; students interested in pursuing advanced studies in educational psychology; students interested in obtaining a specialist degree in school psychology; as well as students who plan to apply their skills in government or business settings. Students' individualized programs are tailored with attention to their area of specialization.

New Jersey

Institution: Rutgers University
Program: Educational Statistics, Measurement, & Evaluation
Degree: Ph.D., M.Ed.
Address: Graduate School of Education
Rutgers, The State University
10 Seminary Place, Room 325
New Brunswick, NJ 08901
Phone: (848) 932-0831
Contact: Dr. Greg Camilli
Email: greg.camilli@gse.rutgers.edu
Web Address: Master's: <https://gse.rutgers.edu/academic-programs/edm-programs/educational-statistics-measurement-evaluation>
Ph.D.: <https://gse.rutgers.edu/academic-programs/phd-programs/concentration-learning-cognition-instruction-developmen/specialization-statistics-and-measurement>

Summary: The Ed.M. in Educational Statistics, Measurement, and Evaluation allows students to take a broad spectrum of courses within and outside the specialty area. The program does not require an extensive background in mathematics. An applicant for the program, however, should be comfortable in researching and solving educational and psychological problems using quantitative methods. The program is individually tailored to each student's needs and encourages students to pursue a minor area outside of the specialty.

The Ph.D. specialization in Statistics and Measurement within the Learning, Cognition, Instruction, and Development concentration prepares students to become statisticians and psychometricians with broad expertise in:

- applied statistics;
- measurement theory;
- educational assessment; and
- statistical analysis.

An important feature of our program is early exposure to research and active learning through a variety of course offerings. You will take courses in advanced research methods, examine current issues in education, and explore fundamental assumptions of research methods through readings on the conduct of educational research.

New York

Institution: Fordham University
Program: Psychometrics and Quantitative Psychology (Ph.D.), Applied Psychological Methods (M.S.)
Degree: Ph.D., M.S.
Address: 441 E. Fordham Rd.
Fordham University
Bronx, NY 10458
Phone: 718-817-3881 (Dr. Heining Cham); 718-817-4692 (Dr. Andrew Rasmussen)
Contact: Dr. Heining Cham for Psychometrics and Quantitative Psychology (Ph.D.); Dr. Andrew Rasmussen for Applied Psychological Methods (MS)
Email: hcham@fordham.edu (Dr. Heining Cham); arasmussen@fordham.edu (Dr. Andrew Rasmussen)
Web Address: Ph.D.: https://www.fordham.edu/info/21665/phd_in_psychometrics_and_quantitative_psychology
MS: https://www.fordham.edu/info/21666/master_of_science_in_applied_psychological_methods
Summary: Fusing data analytics and behavioral science, Fordham's master's degree program in applied psychological methods will prepare you to help businesses, nonprofits, educational institutions, and policy makers create more efficient decisions in line with their long-term goals. Fordham's doctoral program in psychometrics and quantitative psychology (PQP) offers the opportunity to acquire a variety of advanced and sophisticated measurement, evaluation, and statistical skills, preparing our graduates for careers in industry, research, or teaching.

Institution: Teachers College, Columbia University
Program: Measurement, Evaluation, and Statistics
Degree: Ph.D., EdD, Ed.M in Measurement and Evaluation, M.S. in Applied Statistics
Address: Box 118
Teachers College
New York, NY 10027
Phone: 212-678-41590
Contact: Chanel Harry
Email: harry@tc.columbia.edu
Web Address: <https://www.tc.columbia.edu/human-development/measurement-evaluation-and-statistics/>
Summary: The M.S. in Applied Statistics requires at least one year of study. This master's degree provides training for a number of positions in applied research settings, testing organizations, and business organizations. In addition to the satisfactory completion of coursework, an integrative project is required. The Ed.M. in

Measurement and Evaluation is a two-year master's degree. It provides training for a number of positions in educational research bureaus and testing organizations. In addition to the satisfactory completion of coursework, an integrative project is required for the master's degree. The Ed.D. and Ph.D. programs in Measurement and Evaluation are designed to prepare graduates for careers in a wide range of educational settings. Graduates acquire specialized knowledge and skills in test theory, test and instrument development and validation, program evaluation, and quantitative analysis of educational and psychological data. Some graduates pursue careers as college professors teaching measurement, evaluation, and statistics. Some are employed in city or state departments of education in the planning and supervision of testing programs and research and evaluation projects. Others work for test publishers, licensure and certification boards, and government agencies in the construction of tests or in the management of large-scale testing programs. Still others work in applied measurement, evaluation, research design, and statistics in a variety of social science, health care, business, and industrial settings.

Institution: The University of Albany - SUNY
Program: Educational Psychology and Methodology
Degree: M.S., Ph.D., Graduate Certificate
Address: Department of Educational and Counseling Psychology
Division of Educational Psychology and Methodology
1400 Washington Avenue, ED 233
Albany, NY 12222
Phone: 518-442-5055
Email: edpsych@albany.edu
Web Address: https://www.albany.edu/educational_psychology/indexmain.php
Summary: The MS degree program is intended for students who desire a broad foundation in graduate study in educational psychology. The program focus is on the research base of educational psychology. By selection of elective courses, students may increase their emphasis on research methods and data analysis and so prepare themselves for positions in research settings and agencies. The doctoral program is a research-based program of study where students are trained to conceptualize research problems, design research strategies, and conduct studies within the broad framework of educational psychology. This training is accomplished through a course of study that provides a foundation in psychological theories of learning, human development, statistics, measurement and evaluation, individual differences and special education, and research methods.

Institution: University at Buffalo (SUNY-Buffalo)
Program: Educational Psychology and Quantitative Methods
Degree: Ph.D., MA
Address: Dept. Counseling, School and Educational Psychology
409 Baldy Hall
University at Buffalo
Buffalo, NY 14260

Phone: (716) 645-1126

Contact: Dr. Jeremy D. Finn

Email: finn@buffalo.edu

Web Address: Master's: <http://ed.buffalo.edu/counseling/academics/masters/ed-psych.html>

Doctorate: <http://ed.buffalo.edu/counseling/academics/doctorate/ed-psych.html>

Summary: Our educational psychology and quantitative methods program focuses on preparing you, as a researcher, to address problems in diverse educational settings, with the ultimate goal of improving teaching and learning, classroom and school organization, inequities in opportunities to learn, the assessment of educational outcomes, and a range of other pressing educational issues. Educational psychologists have a common philosophy that we learn about educational processes, and ultimately improve them through the collection and study of empirical research data. Our program includes the study of human development, cognition and motivational processes.

North Carolina

Institution: University of North Carolina at Chapel Hill
Program: Quantitative Psychology
Degree: Ph.D.
Address: Department of Psychology and Neuroscience
University of North Carolina Chapel Hill
362A Davie Hall
235 E. Cameron Avenue
Chapel Hill, NC 27599-3270

Phone: (919) 962-5235

Contact: **Dr. Patrick Curran**

Email: curran@unc.edu

Web Address: <https://quantpsych.unc.edu/>

Summary: Welcome to the Quantitative Psychology Graduate Program housed within the L.L. Thurstone Psychometric Laboratory in the Department of Psychology and Neuroscience at University of North Carolina Chapel Hill. Our group consists of six primary faculty, ten graduate students, and two post-doctoral fellows. We also maintain many active collaborative relationships with faculty and students drawn from other academic units across campus, including Sociology, Education, Public Health, Statistics and Operations Research, and Biostatistics. Our guiding mission is to make novel and unique contributions to the science of psychology through the development, evaluation, and application of advanced quantitative methodologies. We primarily focus on methods for measuring and modeling individual behavior, particularly when assessed repeatedly over time. We also strive to meaningfully embed our quantitative and methodological work within the broad realm of the psychological sciences.

Institution: University of North Carolina at Charlotte
Program: Educational Research, Measurement, and Evaluation
Degree: Ph.D. & Graduate Certificate Quantitative Analyses
Address: Department of Educational Leadership
9201 University City Blvd
Charlotte, NC 28223-0001

Phone: (704) 687-8539 (Fax: 704-687-1629)

Contact: Program Director: Sandra Dika, Ph.D.

Email: sdika@uncc.edu

Web Address: <https://edld.uncc.edu/programs/phd-educational-research-measurement-and-evaluation>

Summary: The doctoral program at UNC Charlotte prepares education professionals who seek advanced research, statistical, and evaluation skills for positions in a wide variety of educational institutions including higher education, K-12 school districts, for-profit companies, nonprofit agencies, community colleges, think tanks, government organizations, and other institutions concerned with solving

problems in education. The Ph.D. program targets experienced educators who hold a master's degree in a related educational field. Individuals that are attracted to the new program will seek to deepen their research skills for improving education programs.

Institution: University of North Carolina at Greensboro
Program: Educational Research Methodology
Degree: Ph.D., M.S., Combined M.S./Ph.D.
Address: School of Education Building, Rm. 254
1300 Spring Garden St.
Greensboro, NC 27402-6170

Phone: (336) 334-3471

Contact: Dr. John Willse

Email: jtwillse@uncg.edu

Web Address: <https://soe.uncg.edu/academics/departments/erm/>

Summary: When you join the Department of Educational Research Methodology (ERM), you become part of a dynamic academic community of faculty, students, and alumni who share a mission to shape positive change in the field of education through research methodology, measurement sciences, program evaluation, and applied statistics. Here, students have the advantage of a world-class curriculum featuring the nation's most comprehensive course selection along with some of the best hands-on training available. Few other programs offer the depth and breadth of practical learning experiences that you will find in the School of Education. From analysis and evaluation projects with local and national organizations to scholarly research projects alongside internationally recognized faculty, you will gain tremendous experience, not after, but while you earn your master's degree or PhD.

Ohio

Institution: Kent State University
Program: Evaluation and Measurement
Degree: Ph.D., M.Ed., Graduate Certificate
Address: 316 White Hall
Kent State University
Kent, OH 44242

Phone: 330-672-0591

Contact: Dr. Tricia Niesz

Email: tniesz@kent.edu

Web Address: <https://www.kent.edu/ehhs/fla/eval>

Summary: The Evaluation and Measurement Program has been designed to introduce students to theories, skills, and applications in the fields of research methodology, statistical analyses, program evaluation, assessment, and measurement/psychometrics. Students in the program develop the skills to conceptualize, design, evaluate and teach a wide variety of research approaches, methodologies, and applications. They gain knowledge, skills, and experience in statistical analyses, program evaluation, and measurement/psychometrics. They are taught how to communicate effectively with educators and other professionals in the development and application of research and psychometric materials.

Institution: The Ohio State University
Program: Quantitative Research, Evaluation, and Measurement
Degree: Ph.D., M.A.
Address: 127 Arps Hall
1945 N. High Street
The Ohio State University
Columbus, OH 43210

Phone: (614) 688-4007

Contact: Dr. Jerome D'Agostino

Email: dagostino.22@osu.edu

Web Address: <https://ehe.osu.edu/educational-studies/qrem>

Summary: The Quantitative Research, Evaluation and Measurement (QREM) program at Ohio State will prepare you to apply statistics and mathematical principles while measuring and evaluating issues, methods and new ideas in education, government and business settings. You'll receive rigorous training in quantitative techniques and analysis designed to improve your understanding of quantitative research and its applications in education. With a doctorate and master's programs in Quantitative Research, Evaluation and Measurement you will be able to approach your career with an in-depth understanding of quantitative methods. And armed with the strengths to create, identify and evaluate tests, surveys and curriculum programs, you will be able to contribute significantly in an educational setting.

Institution: The University of Toledo
Program: Educational Research/Measurement
Degree: Ph.D., MA
Address: Gillham Hall Room 5000
The University of Toledo
Toledo, OH 43606
Phone: (419) 530-4114
Contact: Dr. Edward Janak
Email: edward.janak@utoledo.edu
Web Address: [http://www.utoledo.edu/education/depts/efl/programs/Research and Measure/](http://www.utoledo.edu/education/depts/efl/programs/Research_and_Measure/)
Summary: Research and Measurement is a graduate-level program in the Department of Educational Foundations and Leadership at the Judith Herb College of Education (JHCOE). The program offers MA and Ph.D. degrees in Educational Research and Measurement with specializations in measurement, program evaluation, qualitative research methods, and statistics.
The core goal of the program is the development of expertise in the design, execution, and interpretation of applied research, both quantitative and qualitative, and a deep understanding of the theoretical foundations of research and measurement. Graduates of the program are employed in a variety of jobs, both academic and professional, that involve research, measurement, program evaluation, and statistical analysis. There is currently significant demand for individuals with this expertise in university teaching and research, educational institutions, business, and government.

Oklahoma

Institution: Oklahoma State University
Program: Research, Evaluation, Measurement, and Statistics
Degree: Ph.D., M.S.
Address: 2444A Main Hall
Oklahoma State University
Stillwater, OK 74078-0254
Phone: (918) 594-8226
Contact: Dr. Jam Khojasteh
Email: jam.khojasteh@okstate.edu
Web Address: <https://education.okstate.edu/remis>
Summary: The School of Educational Studies offers both masters and doctoral degrees in Research, Evaluation, Measurement, and Statistics (REMS) under the Educational Psychology umbrella at the OSU Stillwater and Tulsa campuses. Coursework includes theoretical and applied statistical methods in education, psychology, and social sciences, with additional coursework in educational psychology and a cognate area of the student's choice.

Institution: University of Oklahoma
Program: Quantitative Psychology
Degree: M.A., Ph.D.
Address: Department of Psychology
University of Oklahoma
455 W Lindsey St
Dale Hall Tower, Room 705
Norman, OK 73019
Phone: (405) 325-4511
Contact: Dr. Eric Day
Email: eday@ou.edu
Web Address: <http://www.ou.edu/cas/psychology/research/quantitative-psychology>
Summary: The Department of Psychology houses a nationally recognized program in Quantitative Psychology, which serves many roles within the Department and the University. The program is designed to provide quantitative training to all Psychology Ph.D. students and specifically to students in Quantitative Psychology. The Department has a strong commitment to Psychology as a Quantitative science. The program operates as a de facto Applied Methods program for the whole University, and students from many colleges and departments take our quantitative courses, including Business, Math, Nursing and Public Health, Education, Engineering, Communication, Sociology, Political Science, Computer Science, and many others.

Oregon

Institution: University of Oregon
Program: Educational Leadership, with Quantitative Research Methods specialization
Degree: Ph.D.
Address: 102 Lokey Education Building
University of Oregon
Eugene, OR 97403-5262
Phone: (541) 346-5011
Contact: Dr. Gina Biancarosa
Email: empl@uoregon.edu
Web Address: <https://education.uoregon.edu/program/educational-leadership-phd>
Summary: The doctor of philosophy (PhD) program in Quantitative Research Methods in Education develops expertise in educational research and is intended for those who wish to pursue faculty or research careers. A degree in educational leadership through the Department of Educational Methodology, Policy, and Leadership (EMPL) focuses on the development, implementation, and generation of outcomes in the organization and management of K–12 education. The program is designed to develop researchers and scholars who can apply theoretical frameworks, methodological approaches, and analytical skills to improve educational performance.

Pennsylvania

Institution: Penn State University
Program: Educational Psychology
Degree: M.S., Ph.D.
Address: 226 Cedar Building
Penn State University
University Park, PA 16802
Phone: 814-863-2004
Contact: Dr. Pui-Wa Lei
Email: puiwa@psu.edu
Web Address: <https://ed.psu.edu/epcse/edpsych>
Summary: The goal of the Educational Psychology (EDPSY) program is to engage in research, scholarship, and teaching related to the application of psychology to learning, instruction, and measurement across the life span. As educational psychologists, the faculty engage in scholarly activities such as attending/presenting at conferences and publishing their work in scholarly journals/books. The faculty offer introductory and advanced courses in thematic areas of educational psychology both for those training to become educational psychologists and those in the teacher preparation programs of the College of Education and the University. The goal of the program sequence is to prepare university teachers and researchers in the study of learning, instruction, and measurement. Students are trained in research methodology and doctoral students are expected to engage in research in their area of specialization. Students are also encouraged to engage in the academic dialogue of the field by attending and presenting at conferences and publishing the results of their research.

Institution: University of Pennsylvania Graduate School of Education
Programs: (1) Quantitative Methods & (2) Statistics, Measurement, Assessment, and Research Technology (S.M.A.R.T)
Degree: M.Phil.Ed., Ph.D., M.S.Ed.
Address: 3700 Walnut Street
Philadelphia, PA 19104
Phone: (215) 898-0505
Contact: Christine P. Lee - Program Manager
Email: cplee@gse.upenn.edu
Web Address: Quantitative Methods: <http://www.gse.upenn.edu/hdqm>
Statistics, Measurement, Assessment, and Research Technology (S.M.A.R.T):
<http://www.gse.upenn.edu/qm/smart>
Summary: (1) Quantitative Methods: Engaged scholarship meets practical problem-solving. This vibrant division encompasses two distinct but related areas: human development and quantitative methods. Our eight degree programs provide the opportunity to specialize in human development for students primarily interested in careers in developmental research or policy-making; school and mental health

counseling for students pursuing careers focused on counseling and clinical practice; and quantitative methods for scholars interested in careers in academic institutions, government, and research firms worldwide. (2) Statistics, Measurement, Assessment, and Research Technology (S.M.A.R.T): The SMART Master of Science in Education degree program is designed to prepare individuals for work in research and assessment organizations in the fields of education, psychology, and related human services fields. The program places high value on quality of evidence, statistical analysis, assessment, and psychometrics, as well as the use of research technology in producing evidence to inform policy and practice. The 10-course-unit minimum makes it possible to complete all degree requirements in 1 academic year or 1 academic year plus 1 summer session of full-time study. Part-time study is also an option. In addition to coursework and a written general examination, students in this degree program are strongly encouraged to undertake a research apprenticeship.

Institution: University of Pittsburgh
Program: Research Methodology
Degree: Ph.D., M.A., M.Ed.
Address: Dept. of Psychology in Education
5916 Posvar Hall
University of Pittsburgh
Pittsburgh, PA 15260

Phone: 412-624-9359

Contact: Dr. Suzanne Lane

Email: sl@pitt.edu

Web Address: <https://www.education.pitt.edu/academics/research-methodology-programs>

Summary: The Research Methodology Program prepares professional practitioners in psychometrics and test development, and prepares scholars who make contributions to the study of the methods researchers use when they conduct empirical studies of educational phenomena. The degree programs train students in measurement, research design, and statistical methods. Graduates are prepared for positions in colleges, universities, research centers, testing agencies, school systems, ministries of education and other government agencies, and industry.

South Carolina

Institution: University of South Carolina
Program: Educational Psychology, Research and Foundations
Degree: Ph.D., M.Ed.

Address: Wardlaw College 261
College of Education
University of South Carolina
820 Main Street
Columbia, SC 29208

Phone: 803-777-6585

Contact: Queenie Bell

Email: bellq@mailbox.sc.edu

Web Address: https://www.sc.edu/study/colleges_schools/education/study/advanced_study_in_education/educational_psychology_research/index.php

Summary: If you want to study the intersections of education and politics, explore the factors that shape our ability to understand and use new information, or discuss the anthropological and social contexts of education, then we have a community of like-minded scholars for you. As part of your studies in Educational Psychology and Research, you will work closely and collaboratively with faculty on research projects. You will likely have other opportunities for hands-on experiences, such as teaching an undergraduate educational psychology or assessment course.

South Dakota

Institution: University of South Dakota
Program: Research and Statistics, under Human Development and Educational Psychology
Degree: M.A., Ed.S., Ph.D.
Address: 414 East Clark Street
University of South Dakota
Vermillion, SD 57069
Phone: 605-677-5845
Contact: Dr. Harry Freeman
Email: Harry.Freeman@usd.edu
Web Address: <http://www.usd.edu/education/cpe/human-development-and-educational-psychology>

Summary: We offer a strong, dynamic program, with close mentorship from the faculty. The program provides flexibility for self-directed students to develop expertise in any of the three core fields - human development, cognition and motivation and research and statistics. Human development explores the experiences that shape human growth. Cognition and motivation assesses the complexity of the forces that support learning and motivation. Research and statistics prepares students to evaluate existing research and to conduct their own studies. The program is flexible enough to allow for and encourage an interdisciplinary course of study.

Tennessee

Institution: Tennessee Technological University
Program: Educational Psychology and Counselor Education
Degree: M.A., Ed.S.
Address: Dept. of Counseling and Psychology
Box 5031, Tennessee Technological University
Cookeville, TN 38505
Phone: (931) 372-3457
Contact: Dr. Michael E. Rohr, Chair
Email: mrohr@tntech.edu
Web Address: <https://www.tntech.edu/education/cp/graduate/educational-psychology>

Institution: University of Tennessee, Knoxville
Program: Evaluation, Statistics, and Measurement
Degree: Ph.D.
Address: Educational Psychology and Counseling Department
535 Jane & David Bailey Education Complex
1126 Volunteer Blvd
Knoxville, TN 37996-3452
Phone: (865) 974-8145
Contact: Jennifer Ann Morrow, Program Coordinator
Email: jamorrow@utk.edu
Web Address: <http://epc.utk.edu/evaluation-statistics-measurement/>

Summary: The Ph.D. program in Evaluation, Statistics, and Measurement (ESM) has been carefully designed to provide students with an integrated, sequenced, and experientially-based doctoral program leading to a meaningful professional career. The overall focus of the program is to provide students with the requisite skills and experiences essential for three types of professional careers: 1) as an evaluation, applied statistics, and assessment or measurement faculty member in higher education settings, 2) as an external evaluator employed by an evaluation group or organization providing external evaluation services, or 3) as an internal evaluator or in-house ESM consultant serving the needs of the organization in which they are employed. The ESM program integrates evaluation, statistics, measurement theory, content knowledge, technical skills, and highly relevant and meaningful field experiences to enable graduates to function as esteemed M.Ed. professionals, productive scholars, and leaders in their sub-fields of interest.

Texas

Institution: Baylor University
Program: Department of Statistical Science
Degree: Ph.D., MA
Address: Institute of Statistics
Baylor University, PO Box 97640
Waco, TX 76798
Phone: (254) 710-1699
Contact: Dr. Roger Kirk
Email: jack_tubs@baylor.edu
Web Address: <http://www.baylor.edu/statistics>
Summary: This is a doctoral program in statistics with a concentration available in psychometrics and biostatistics.

Institution: Baylor University
Program: Department of Educational Psychology, Quantitative Methods
Degree: Ph.D., MA
Address: Baylor University
School of Education
Marrs McLean Science 318
One Bear Place #97301
Waco, TX 76798
Phone: (254) 710-7231
Contact: Dr. Grant Morgan
Email: Grant_Morgan@baylor.edu
Web Address: <https://www.baylor.edu/soe/EDP/index.php?id=935207>
Summary: Specializing in Quantitative Methods in Educational Psychology develops in graduates a strong and marketable base in quantitative research methods.

Institution: University of Houston
Program: Measurement, Quantitative Methods, and Learning Sciences; Department of Psychological, Health, and Learning Sciences
Degree: Ph.D.
Address: University of Houston
Department of Psychological, Health, and Learning Sciences
Farish Hall 491
Houston, Texas 77204-5029
Phone: (713) 743-7676
Contact: COE Graduate Studies Office or Dr. Margit Wiesner
Email: coegrad@central.uh.edu or mwiesner@central.uh.edu
Web Address: <http://www.uh.edu/education/degree-programs/mqm-ls-Ph.D./>

Summary: The Ph.D. in Measurement, Quantitative Methods, and Learning Sciences equips graduates with the quantitative research methods skills necessary to design, conduct, and use research to help solve significant societal problems in a diverse, growing population area. A key focus is on quantitative and methodological issues that arise in both basic and applied research. In addition, graduates are provided with the skills necessary to fill a variety of roles in diverse settings in which knowledge of human development, learning theory, research and quantitative methods are essential. The program requires a minimum of 69 hours of coursework and allows students to complete all required coursework in 4 years or less.

Institution: Texas A&M University
Program: Educational Psychology, emphasis in Research, Measurement and Statistics
Degree: M.Ed./MS and Ph.D.
Address: 4225 TAMU
College Station, TX 77843-4225
Phone: (979) 845-1831
Contact: Sally Kallina (Academic Advisor); Myeongsun Yoon (Concentration Coordinator)
Email: skallina@tamu.edu; myoon@tamu.edu
Web Address: <http://epsy.tamu.edu/degrees-and-programs/graduate-degree-programs/doctoral-research-management-and-statistics>

Summary: The graduate program in Educational Psychology with a specialization in Research, Measurement and Statistics (RMS) focuses on a broad range of quantitative and methodological issues, including multivariate statistics, item response theory, generalizability theory, hierarchical linear modeling, structural equation modeling, time series analysis, growth modeling, and Monte Carlo study.

Institution: University of Texas at Austin
Program: Quantitative Methods, Department of Educational Psychology
Degree: M.Ed., Ph.D.
Address: University of Texas at Austin
Educational Psychology Department
1912 Speedway STE 504
Austin, TX 78712-1289
Phone: (512) 471-0672,
Contact: Keenan A Pituch (Area Chair)

Email: kpituch@austin.utexas.edu
Web Address: <https://education.utexas.edu/departments/educational-psychology/graduate-programs/quantitative-methods>

Summary: The Department of Educational Psychology offers both a doctoral (Ph.D.) and master's (M.Ed.) specialization in Quantitative Methods. The master's specialization is designed to provide the knowledge and technical skills that can prepare one for several professional roles including social science researcher or

statistical analyst for testing companies, academic institutions, state and federal agencies, or school districts. In the Quantitative Methods Ph.D. specialization, students are prepared as professional educational researchers who understand and apply advanced quantitative research methods to address social problems and conduct sophisticated methodological research.

Institution: University of North Texas
Program: Educational Psychology, Research, Measurement and Statistics (RMS)
Degree: Ph.D.
Address: University of North Texas
Matthews Hall, Room 316
1300 W. Highland Street
Denton, TX 76203
Phone: (940) 565-4646
Contact: Dr. Darrell Hull
Email: Darrell.Hull@unt.edu
Web Address: <https://www.coe.unt.edu/educational-psychology/graduate-programs/research-measurement-and-evaluation>

Summary: This program will teach you the nature of research design, measurement, and data analysis in the research process as well as the integrated relationships between each area. Coursework and experience in research design will help you put together strong research studies to answer questions across many fields. Measurement will focus on the proper assessment of the things we often wish to study, and the statistics elements will help you develop skills in data analysis and management. With this degree, you will be able to gather, analyze, and judge empirical information to help inform research and policy, and will be prepared to emphasize research and data analysis in a range of settings, including universities, public and private schools, corporations, and governmental roles.

Utah

- Institution: Brigham Young University
Program: Instructional Psychology and Technology (IP&T)
Degree: Ph.D., MS
Address: McKay School of Education
301 MCKB - BYU Provo, UT 84602
Phone: (801) 422-3426
Contact: Stephen C. Yanchar (Program Coordinator)
Email: stephen_yanchar@byu.edu
Web Address: <https://education.byu.edu/ipt/program/Ph.D.>
Summary: Students can select from classes in Instructional Design and Development, Research, Evaluation, Educational Measurement, and Assessment. Students participate in department seminars, interact with other students in group projects and informal study, collaborate with faculty, participate in internship experiences, and participate in comprehensive exam projects. Graduates may take positions as faculty at colleges and universities, administer or direct other instructional designers in private or public institutions, or work as individual consultants.
- Institution: Utah State University
Program: Psychology Department, Quantitative Psychology
Degree: Ph.D.
Address: Department of Psychology
Utah State University
2810 Old Main Hill
Logan, UT 84322-2810
Phone: (435) 797-1460
Contact:
Email: psychology@usu.edu
Web Address: <http://psychology.usu.edu/quantitative-psychology/index>
Summary: The Quantitative Psychology (QP) specialization area within the psychology department deals with the development, application, evaluation, and refinement of quantitative methods for measurement, statistics, and data analysis.

Virginia

Institution: James Madison University
Program: Assessment and Measurement
Degree: Ph.D.
Address: Department of Graduate Psychology
70 Alumnae Dr., MSC 7401
James Madison University
Harrisonburg, VA 22801

Phone: (540) 568-7132

Contact: Deborah L. Bandalos

Email: bandaldl@jmu.edu

Web Address: <http://www.psyc.jmu.edu/assessment/>

Summary: The Doctor of Philosophy (Ph.D) Program in Assessment and Measurement provides high-quality, innovative training that features personalized attention of our faculty. Our program is designed to meet the expanding accountability, quality assurance, and outcome assessment needs of the 21st century. A strong emphasis is placed on real-world applications in higher education, with experiential projects and research integrated throughout the program. The skills students develop in the program can be applied in settings such as education, health services, business, and government. If you are interested in assessment, but you do not yet have a Master's degree, you should apply to the Master of Arts Program in Psychological Sciences at JMU. This program, which has an area of concentration in quantitative methods (assessment, measurement, & statistics), would prepare you for entry-level positions to help colleges, universities, and social service organizations document the effectiveness of their programs and services. Graduates from the Master's program may also apply to the Doctoral Program in Assessment and Measurement for more advanced study.

Institution: University of Virginia
Program: Research, Statistics & Evaluation
Degree: M.Ed., Ph.D.
Address: Curry School of Education
405 Emmet Street,
Charlottesville, VA 22904

Phone: (434) 924-0742

Contact: Timothy Konold (Program Coordinator)

Email: tk2e@virginia.edu

curry-admissions@virginia.edu

Web Address: <https://curry.virginia.edu/academics/research-statistics-evaluation>

Summary: In earning a Ph.D. in Education—Research, Statistics & Evaluation from Curry, you will become an educational scholar who conducts original research and interprets and communicates the results of such research as an author, university professor, or as a governmental or research agency official. The M.Ed. in Educational Psychology—Research, Statistics & Evaluation program prepares you for advanced graduate study in educational research or employment as a data

analyst with an educational research organization. Many of our graduates have been accepted into competitive doctoral programs or employed in school systems, state education departments, testing companies or community colleges. The M.Ed. program features courses that focus on the fundamentals of research design. It also includes elective courses that provide you with a deeper understanding of and expertise in specific inquiry methods and analytic tools. By working with program faculty members, you will learn to apply these methods to actual research problems in education.

Institution: Virginia Tech
Program: Educational Research and Evaluation
Degree: Ph.D.
Address: 1750 Kraft Drive
Corporate Research Center
Blacksburg, VA 24060
Phone: (540) 231-9729
Contact: Gary Skaggs
Email: gskaggs@vt.edu
Web Address: <https://liberalarts.vt.edu/departments-and-schools/school-of-education/academic-programs/educational-research-and-evaluation.html>
Summary: The Educational Research and Evaluation program at Virginia Tech provides students with doctoral-level preparation in the areas of evaluation/assessment, qualitative methods, and quantitative methods (i.e., applied statistics and measurement), as they are applied in education, the behavioral sciences, and the social sciences in general. Graduates of the program are prepared for academic positions as research methodologists, corporate positions in research and testing agencies, or government and nonprofit positions as researchers, evaluators, or administrators in research programs in education and the social sciences in general.

Washington

Institution: University of Washington
Program: Measurement & Statistics
Degree: M.Ed., Ph.D.
Address: 2012 Skagit Lane, 312 Miller Hall, Box 353600
Seattle, WA 98195-3600
Phone: (206) 543-1139
Contact: Dr. Min Li
Email: minli@uw.edu
Web Address: <https://education.uw.edu/programs/graduate/educational-psychology/measurement-and-statistics>

Summary: The Educational Measurement & Statistics (M&S) graduate program at the University of Washington-Seattle prepares students to be leaders in the research and practice of state-of-the-art test development, psychometrics, and applied statistics. Research and practice focus on the following interrelated areas:

- Developing and evaluating assessments/tests
- Developing and evaluating teachers' classroom assessment practices
- Developing and evaluating instruments (e.g., questionnaires, observational protocols, performance-based tasks) for students, teachers, and educational leaders
- Planning and implementing sampling plans/experimental designs
- Planning, implementing, and evaluating statistical models

Reflecting the multidisciplinary history of quantitative research methods, our graduate students come from diverse backgrounds, including education, psychology, M.Ed.icine, sociology, statistics, economics, and engineering. Regardless of prior background, M&S faculty and students share a common mission to improve policy and equity through the practice of high-quality quantitative research methodology. Master's level students engage in foundational coursework in measurement, applied statistics, and learning theory; Ph.D. students (many of which were students in the master's program) work closely with their advisor to create a highly tailored program of study that includes interM.Ed.iate and advanced coursework in measurement and statistics as well as coursework outside M&S to gain broader perspective and deeper insight into specialized topics. Our graduates go on to work in academia, district- or state-level accountability offices, or private testing or market research companies.

Institution: Washington State University
Program: Educational Psychology (Measurement, Evaluation and Research Methods)
Degree: MA, EdM, Ph.D.
Address: Cleveland Hall, P.O. Box 642136
Pullman, WA, 99164-2136
Phone: (509) 335-1738
Contact: Dr. Brian French

Email: frenchb@wsu.edu

Web address: <https://education.wsu.edu/graduate/edpsych/overview/>

Summary: Successful professionals in this field have strong methodological skills, an understanding of researchable topics, the ability to develop a research program, the ability to communicate and work with a wide variety of professionals, and the skills to understand nuance and ambiguity in the work environment. Thus, we seek individuals who will first meet challenging academic standards for entrance and show promise for success in the exciting field of educational research, measurement, and learning sciences. Graduates in educational psychology can expect employment in private firms, school districts, universities, business, industry, or state agencies. For example, graduates work for: test companies as researchers, university as professors and researchers, and assessment offices across the United States. Our Ph.D. program equips students with the knowledge of learning theories and strong methodological, evaluation and assessment skills to conduct research on diverse issues relevant to education and beyond. Students are expected to integrate theoretical understanding with research and internship opportunities offered by the university to solve educational problems and improve policy and practice.

Wisconsin

Institution: University of Wisconsin - Milwaukee
Program: Educational Statistics & Measurement
Degree: MS, Ph.D.
Address: UWM
School of Education
Department of Educational Psychology
P.O. Box 413
Milwaukee, WI 53201

Phone: (414) 229-4767

Contact: Bo Zhang

Email: boz@uwm.edu

Web Address: <https://uwm.edu/education/academics/edu-statistics-measurement/>

Summary: This program is designed to provide you with the knowledge and experience necessary to research existing analytical techniques, as well as to develop and apply new methodologies in educational measurement and statistics. After completing your doctoral studies, you'll be ready to independently conduct research; construct measurement instruments; translate sophisticated research findings; replicate research studies; contribute to the theory of research methodology; and teach basic courses in measurement, statistics, and research design. The master's program will provide you with the knowledge necessary to execute research and evaluate and critique existing research — a valuable asset whether you're planning to put your skills to use in the workforce right away or go on to doctoral studies.

Institution: University of Wisconsin - Madison
Program: Quantitative Methods
Degree: Ph.D., M.S.
Address: University of Wisconsin – Madison
Room 859, Educational Sciences Building
Department of Educational Psychology
1025 West Johnson Street
Madison, WI 53706-1796

Phone: (608) 262-4938/3432

Contact: Dr. Daniel Bolt

Email: dmbolt@facstaff.wisc.edu

edpsych@education.wisc.edu

Web Address: <https://edpsych.education.wisc.edu/academics/quantitative-methods/>

Summary: The graduate program in the quantitative methods area focuses on the study and development of quantitative methods of relevance to research and practice in education and the social sciences. Students in the quantitative methods area pursue research topics that study the methods themselves as opposed to strictly applications. Current areas of interest among area faculty include measurement theory, item response theory, Bayesian inference, longitudinal data analysis,

multilevel modeling, experimental and quasi-experimental design, causality, and structural equation modeling.

Alberta, Canada

Institution: University of Alberta
Program: Measurement, Evaluation, and Data Science (MEDS)
Degree: Ph.D., M.Ed. (thesis and course-based routes)
Address: 6-102 Education North
University of Alberta
Edmonton, Alberta
Canada T6G 2G5
Phone: (780) 492-5245
Contact: Dr. Cheryl Poth (Program Coordinator) Email: cheryl.poth@ualberta.ca
Email: yc@ualberta.ca
Web Address: <https://www.ualberta.ca/educational-psychology/graduate-programs/measurement-evaluation-and-data-sciences>; CRAME Website: <https://sites.google.com/ualberta.ca/crame>

Summary: The graduate program of Measurement, Evaluation, and Data Science (MEDS) in association with the Centre for Research in Applied Measurement and Evaluation (CRAME) provide students with a solid core foundation in in four areas: Psychometrics (designing, analyzing, and interpreting high-quality instruments), Research Methodology (statistical methods and research design), Evaluation (the evaluation of educational and organizational programs), and Data Science (data mining techniques, machine learning algorithms, and learning analytics).

MEDS has six faculty members: Drs. Okan Bulut, Ying Cui, Maria Cutumisu, Mark J. Gierl, Sharla King, and Cheryl Poth.

British Columbia, Canada

Institution: University of British Columbia (Canada)
Program: Measurement, Evaluation, and Research Methodology
Degree: Ph.D., M.Ed., MA
Address: Educational and Counselling Psychology, and Special Education
Vancouver Campus
2125 Main Mall
Vancouver, BC Canada V6T 1Z4
Phone: (604) 822-6371
Contact: Anita Hubley, Ph.D. (Area Coordinator)
Email: anita.hubley@ubc.ca
Web Address: <http://ecps.educ.ubc.ca/measurement-evaluation-and-research-methodology/>
Summary: The graduate program in Measurement, Evaluation, and Research Methodology (MERM) emphasize diverse perspectives in these core areas:
Measurement—educational assessment, psychological measurement, construction & use of standardized tests, item response theory, cross-cultural assessment
Evaluation—program evaluation, curriculum evaluation across the educational spectrum
Research Methodology—quasi-experimental, hierarchical or multi-level models, analysis of growth & change, dialectics, qualitative approaches
We prepare graduate students as methodological and measurement specialists. The programs emphasize advanced research as applied to educational, psychological, health, and social contexts. Measurement, Evaluation and Research Methodology is an evolving field that is trans-disciplinary by nature and is at the core of many of the research activities in ECPS, the Faculty of Education, and in many of the human and health sciences in the University. MERM classes are in high demand by students from across the Faculty of Education, including Human Kinetics, as well as Commerce, Dentistry, Forestry, Health Studies, Nursing, Psychology, and Social Work.