

RESEARCH AND EVALUATION METHODOLOGY

Program Information

The mission of the Research and Evaluation Methodology program is to generate, evaluate, apply and disseminate knowledge about educational research methodology, to prepare exemplary educational research methodologists, and to collaborate with others to provide methodology for the advancement of educational research. This mission aligns with College of Education's and University of Florida's missions because it results in research strategies for knowledge discovery to solve critical educational and human problems in a diverse global community.

- Learn to evaluate educational programs, analyze educational data, develop assessment instruments, and conduct research about the efficacy of research methodologies.
- Work as an educational researcher, an educational data analyst, or a psychometrician (an expert in testing and assessment).
- Find jobs in testing companies; research and evaluation companies; research centers; and assessment centers at universities, school districts, and state and federal agencies.
- Complete a master's degree (M.A.E. or M.Ed.) in two years or a Ph.D. in four years with classes focusing on research methodology, statistics applied to education, program evaluation, and psychometrics.
- We admit students with some undergraduate research experience. Our students come from a variety of backgrounds, including psychology, sociology, statistics, mathematics, mathematics education, political science, marketing, economics, and engineering.

Degrees Offered

Degrees Offered with a Major in Research and Evaluation Methodology

- Doctor of Education
- Doctor of Philosophy
- Master of Arts in Education
- Master of Education

Requirements for these degrees are given in the Graduate Degrees (<http://gradcatalog.ufl.edu/graduate/degrees/>) section of this catalog.

Courses

Research and Evaluation Methodology Courses

Code	Title	Credits
EDF 5441	Assessment in General and Exceptional Student Education	3
EDF 6113	Educational Psychology: Human Development	3
EDF 6211	Educational Psychology: General	3
EDF 6215	Educational Psychology: Learning Theory	3
EDF 6400	Quantitative Foundations of Education Research Overview	3
EDF 6401	Educational Statistics	3

EDF 6402	Quantitative Foundations in Educational Research: Inferential Statistics	3
EDF 6403	Quantitative Foundations of Educational Research	6
EDF 6436	Theory of Measurement	4
EDF 6471	Survey Design and Analysis in Educational Research	3
EDF 6475	Qualitative Foundations of Educational Research	3
EDF 6481	Quantitative Research Methods in Education	4
EDF 6905	Individual Study	1-3
EDF 6910	Supervised Research	1-5
EDF 6938	Special Topics	1-3
EDF 6940	Supervised Teaching	1-5
EDF 6941	Practicum in Educational Research	2-9
EDF 6971	Research for Master's Thesis	1-15
EDF 7412	Structural Equation Models	3
EDF 7413	Advanced Topics in Structural Equation Modeling	3
EDF 7482	Quasi-experimental Design and Analysis in Educational Research	3
EDF 7435	Rating Scale Design and Analysis in Educational Research	3
EDF 7439	Item Response Theory	3
EDF 7474	Multilevel Models	3
EDF 7479	Qualitative Data Analysis: Approaches and Techniques	3
EDF 7483	Qualitative Data Collection: Approaches and Techniques	3
EDF 7486	Methods of Educational Research	3
EDF 7491	Evaluation of Educational Products and Systems	3
EDF 7931	Seminar in Educational Research	3
EDF 7932	Multivariate Analysis in Educational Research	3
EDF 7979	Advanced Research	1-12
EDF 7980	Research for Doctoral Dissertation	1-15
EDP 6052	Cognitive Psychology Applied to Education	3

Human Development and Organizational Studies in Education Departmental Courses

Code	Title	Credits
EDA 6061	Educational Organization and Administration	3
EDA 6069	Educational Policy Analysis	3
EDA 6107	Leading Change in Educational Organizations	3
EDA 6192	Educational Leadership: The Individual	3
EDA 6193	Educational Leadership: Instruction	3
EDA 6195	Educational Policy Development	3
EDA 6215	Communications in Educational Leadership	3
EDA 6222	Administration of School Personnel	3
EDA 6232	Public School Law	3
EDA 6242	Public School Finance	3
EDA 6271	Technology Leadership for Educational Administrators	3
EDA 6326	Turnaround Schools	3
EDA 6370	Mentoring for Career Development	3
EDA 6423	Data-Driven Decision Making in Educational Organizations	3
EDA 6503	The Principalship	3

EDA 6509	The Superintendent	3	EDF 7491	Evaluation of Educational Products and Systems	3
EDA 6905	Individual Work	1-6	EDF 7931	Seminar in Educational Research	3
EDA 6931	Special Topics	1-3	EDF 7932	Multivariate Analysis in Educational Research	3
EDA 6948	Supervised Practice in School Administration	1-15	EDF 7979	Advanced Research	1-12
EDA 6971	Research for Master's Thesis	1-15	EDF 7980	Research for Doctoral Dissertation	1-15
EDA 7206	Organizational Leadership in Education	3	EDG 6285	Evaluation in the School Program	3
EDA 7945	Practicum in Supervision and Administration	1-15	EDH 6006	The College Student	3
EDA 7979	Advanced Research	1-12	EDH 6040	Theory of College Student Development	3
EDA 7980	Research for Doctoral Dissertation	1-15	EDH 6046	Diversity Issues in Higher Education	3
EDA 7985	Research Design in Educational Administration	3	EDH 6051	Educational Outcomes of American Colleges and Universities	3
EDF 5441	Assessment in General and Exceptional Student Education	3	EDH 6053	The Community Junior College in America	3
EDF 6113	Educational Psychology: Human Development	3	EDH 6065	History of American Higher Education	3
EDF 6211	Educational Psychology: General	3	EDH 6066	American Higher Education	3
EDF 6215	Educational Psychology: Learning Theory	3	EDH 6305	College and University Teaching	3
EDF 6400	Quantitative Foundations of Education Research Overview	3	EDH 6360	Foundations and Functions of Higher Education and Student Affairs	3
EDF 6401	Educational Statistics	3	EDH 6361	Theories and Assessment of Higher Educational Environments	3
EDF 6402	Quantitative Foundations in Educational Research: Inferential Statistics	3	EDH 6503	Resource Development in Higher Education	3
EDF 6403	Quantitative Foundations of Educational Research	6	EDH 6632	Current Issues in Community College Leadership	3
EDF 6416	Quantitative Methods for Evaluation in Educational Environments	3	EDH 6637	Crisis Management in Higher Education	3
EDF 6436	Theory of Measurement	4	EDH 6644	Assessment in Higher Education	3
EDF 6463	Culturally Responsive Evaluation in Educational Environments	3	EDH 6664	Public Policy in Higher Education	3
EDF 6464	Reading and Designing Qualitative Research	3	EDH 6665	Leadership and Supervision in Higher Education	3
EDF 6468	Evaluation Management for Grants in Educational Environments	3	EDH 6905	Individual Work	1-3
EDF 6471	Survey Design and Analysis in Educational Research	3	EDH 6931	Special Topics in Higher Education	1-3
EDF 6475	Qualitative Foundations of Educational Research	3	EDH 6935	Capstone Seminar in Student Personnel in Higher Education	3
EDF 6481	Quantitative Research Methods in Education	4	EDH 6947	Practicum in Student Personnel	3
EDF 6492	Evaluation Communication and Ethics in the Educational Environment	3	EDH 6973	Project in Lieu of Thesis	3
EDF 6905	Individual Study	1-3	EDH 7050	Exploration of Research Literature in Higher Education	3
EDF 6910	Supervised Research	1-5	EDH 7225	Seminar: Curriculum in Higher Education	3
EDF 6938	Special Topics	1-3	EDH 7405	The Law and Higher Education	3
EDF 6940	Supervised Teaching	1-5	EDH 7505	The Financing of Higher Education	3
EDF 6941	Practicum in Educational Research	2-9	EDH 7631	Administration of Instruction in Higher Education	3
EDF 6971	Research for Master's Thesis	1-15	EDH 7634	Student Affairs Administration in Higher Education	3
EDF 6973	Project in Lieu of Thesis	1-6	EDH 7635	Higher Education Administration	3
EDF 7405	Advanced Quantitative Foundations of Educational Research	4	EDH 7636	Organizational Theory in Higher Education	3
EDF 7412	Structural Equation Models	3	EDH 7916	Contemporary Research on Higher Education	3
EDF 7413	Advanced Topics in Structural Equation Modeling	3	EDH 7942	Supervised Practice in Student Personnel in Higher Education	1
EDF 7435	Rating Scale Design and Analysis in Educational Research	3	EDH 7948	Internship in Higher Education	3
EDF 7439	Item Response Theory	3	EDH 7979	Advanced Research	1-12
EDF 7474	Multilevel Models	3	EDH 7980	Research for Doctoral Dissertation	1-15
EDF 7479	Qualitative Data Analysis: Approaches and Techniques	3	EDH 7982	Research Proposal Development in Higher Education	3
EDF 7482	Quasi-experimental Design and Analysis in Educational Research	3	EDP 6052	Cognitive Psychology Applied to Education	3
EDF 7483	Qualitative Data Collection: Approaches and Techniques	3	MHS 5005	Introduction to Counseling	3
EDF 7486	Methods of Educational Research	3	MHS 6000	Assessment and Treatment of Family Violence	3
			MHS 6020	Counseling in Community Settings	3
			MHS 6061	Spiritual Issues in Multicultural Counseling	3
			MHS 6071	Diagnosis and Treatment of Mental Disorders	3
			MHS 6200	Assessment in Counseling	3

MHS 6340	Career Development	3
MHS 6401	Counseling Theories and Applications	3
MHS 6421	Play Counseling and Play Process with Children	3
MHS 6428	Multicultural Counseling	3
MHS 6430	Introduction to Family Counseling	3
MHS 6440	Marriage and Couples Counseling	3
MHS 6450	Substance Abuse Counseling	3
MHS 6466	Trauma and Crisis Intervention: Theory and Practice	3
MHS 6471	Sexuality and Mental Health	3
MHS 6480	Developmental Counseling Over the Life Span	3
MHS 6495	Counseling Lesbian, Gay, Bisexual, and Transgender Clients	3
MHS 6500	Group Counseling: Theories and Procedures	3
MHS 6705	Professional, Ethical, and Legal Issues in Marriage and Family Counseling	3
MHS 6720	Professional Identity and Ethics in Counseling	3
MHS 6735	Applied Research in Counseling	3
MHS 6831	Supervision for a Split Internship	3-6
MHS 6910	Supervised Research	1-5
MHS 6940	Supervised Teaching	0-5
MHS 6971	Research for Master's Thesis	1-15
MHS 7407	Advanced Counseling Theories	3
MHS 7431	Advanced Family Counseling	4
MHS 7600	Consultation Procedures	3
MHS 7610	Counseling Supervision Theories and Practice	3
MHS 7730	Advanced Counseling Research	3
MHS 7740	Research in Counseling	3
MHS 7803	Advanced Counseling Practicum	3
MHS 7804	Group Supervision in Agency Counseling	3
MHS 7805	Practicum in Agency Counseling	3
MHS 7806	Practicum in Marriage and Family Counseling	3
MHS 7807	Group Supervision in Marriage and Family Counseling	3
MHS 7809	Counseling Supervision Practicum	3
MHS 7830	Internship in Counseling and Development-600 Hours	6
MHS 7840	Internship 1 in Counselor Education	3
MHS 7941	Internship 2 in Counselor Education	3
MHS 7946	Internship in Agency Program Management	6
MHS 7979	Advanced Research	1-12
MHS 7980	Research for Doctoral Dissertation	1-15
PCO 6939	Seminar: Current Topics in Counseling Psychology	3
PCO 7217	Professional Ethics and Skills in Counseling Psychology	3
PCO 7949	Internship in Counseling Psychology	1
SDS 6401	Counseling Skills for Non-Counselors	3
SDS 6411	Counseling with Children	3
SDS 6436	Family-School Intervention	3
SDS 6620	Organization and Administration of School Counseling Programs	3
SDS 6831	Supervision for a Split Internship	3
SDS 6905	Individual Work	1-4
SDS 6936	Seminar in Counselor Education	3
SDS 6938	Special Topics	1-4
SDS 7800	Practicum in School Counseling	3
SDS 7820	Group Supervision in School Counseling	3

SDS 7830	Internship in Counseling and Development-600 Hours	6
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Student Learning Outcomes

Research & evaluation methodology (Phd)

SLO 1 Knowledge
Majors will identify, define, explain, and describe the concepts, methods and issues in educational measurement and assessment, evaluation, and research methodology.

SLO 2 Skills
Majors will formulate hypotheses, plan and design educational research studies, plan and design methodological research studies, analyze data, and report results at an advanced level.

SLO 3 Professional Behavior
Majors will participate in professional organizations, research presentations, or scholarly publications.

research & evaluation methodology (edd)

SLO 1 Knowledge
Majors will identify, define, explain, and describe the concepts, methods and issues in educational measurement and assessment, evaluation, and research methodology.

SLO 2 Skills
Majors will formulate hypotheses, plan and design educational research studies, plan and design methodological research studies, analyze data, and report results at an advanced level.

SLO 3 Professional Behavior
Majors will participate in professional organizations, research presentations, or scholarly publications.

Research & Evaluation Methodology (MAE)

SLO 1 Knowledge
Majors will identify, define, explain, and describe the concepts, methods and issues in educational measurement and assessment, evaluation, and research methodology.

SLO 2 Skills
Majors will formulate hypotheses, planning and designing educational research studies, planning and designing methodological research studies, analyzing data, and reporting results.

SLO 3 Professional Behavior
Majors will present concepts in research methodology both orally and in writing.

Research & Evaluation Methodology (MEd)

SLO 1 Knowledge
Majors will identify, define, explain, and describe the concepts, methods and issues in educational measurement and assessment, evaluation, and research methodology.

SLO 2 Skills

4 Research and Evaluation Methodology

Majors will formulate hypotheses, planning and designing educational research studies, analyzing data, and reporting results.

SLO 3 Professional Behavior

Majors will present concepts in research methodology both orally and in writing.