

# EDUCATIONAL PSYCHOLOGY (RESEARCH METHODS, MEASUREMENT, AND EVALUATION) (MA)

The Department of Educational Psychology offers two graduate degrees with a concentration in the area of Research Methods, Measurement, and Evaluation (RMME): The Master of Arts (M.A.) and the Doctor of Philosophy (Ph.D.). The M.A. program is designed for practitioners who wish to acquire foundational skills and knowledge in the areas of measurement and assessment, program evaluation, and quantitative research methodology. There is also a completely online option for completing the M.A. degree. Some students who earn an M.A. continue into the Ph.D. program.

## Location

- Storrs Campus

## Modality

- In Person
- Online

## Requirements

Students must complete a minimum of 30 credits while maintaining a GPA of 3.0 or higher across core courses and earn a grade of "B" or better in every core course. M.A. students may choose to earn the degree either under Plan A (thesis) or Plan B (exam). Students who choose Plan A must complete at least 21 credits of required coursework, nine credits of Master's thesis research (GRAD 5950 Master's Thesis Research or GRAD 5960 Full-Time Master's Research), and complete a thesis under the direction of their major advisor. An oral defense of the thesis is required. The thesis is graded pass/fail by the student's advisory committee. Students may not defend the thesis until all required coursework is satisfactorily completed. Students who choose Plan B must complete at least 30 credits of required coursework and pass a comprehensive exam containing questions related to content covered in the core courses listed below. The student's advisor may require oral defense of the exam. The passing grade on the exam is 70%. Students who fail the exam can retake the exam once. Students may not take the exam until all required coursework is satisfactorily completed.

## Required Courses

Course	Title	Credits
EPSY 5601	Principles and Methods in Educational Research	3
EPSY 5602	Educational Tests and Measurements	3
EPSY 5605	Quantitative Methods in Research I	3
EPSY 5607	Quantitative Methods in Research II	3
EPSY 6601	Methods and Techniques of Educational Research	3
EPSY 6621	Program Evaluation	3
<b>Total Credits</b>		<b>18</b>

## Additional Coursework

Students must choose from the following courses or alternative courses that are approved by the student's major advisor, for an additional twelve credits for Plan B or an additional three credits for Plan A.

Course	Title	Credits
EDCI 6000	Qualitative Methods of Educational Research	3
EPSY 5510	Learning: Its Implication for Education	3
EPSY 5610	Applied Regression Analysis for the Education Sciences	3
EPSY 5621	Construction of Evaluation Instruments	3
EPSY 6623	Advanced Program Evaluation	3
EPSY 6636	Measurement Theory and Application	3
EPSY 6637	Item Response Theory	3
EPSY 6651	Introduction to Methods for Causal Inference Using Educational Data	3
EPSY 6494	Doctoral Practicum	1-6
EPSY 6601	Methods and Techniques of Educational Research <sup>1</sup>	3
PP 5377	Qualitative Methods in Public Policy	3
PP 5379	Principles and Methods of Survey Research I	3

<sup>1</sup> If EPSY 5601 Principles and Methods in Educational Research is taken.

## Learning Objectives

1. Apply theories and knowledge of research methodology to educational and social challenges and contexts.
2. Extract insights from educational and social data.
3. Translate research and evaluation methods and findings for practice.