

# EDUCATIONAL PSYCHOLOGY: RESEARCH, M.S.

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

### NAMED OPTION REQUIREMENTS

#### MODE OF INSTRUCTION

Face to Face	Evening/Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

#### Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**Evening/Weekend:** Courses meet on the UW-Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

### CURRICULAR REQUIREMENTS

#### Requirement Detail

Minimum Credit Requirement	36 credits
Minimum Residence Credit Requirement	36 credits
Minimum Graduate Coursework Requirement	18 credits must be graduate-level coursework. Details can be found in the Graduate School's policy: <a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> ( <a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a> )

Overall	3.00 GPA required.
Graduate GPA Requirement	This program follows the Graduate School's policy: <a href="https://policy.wisc.edu/library/UW-1203">https://policy.wisc.edu/library/UW-1203</a> ( <a href="https://policy.wisc.edu/library/UW-1203/">https://policy.wisc.edu/library/UW-1203/</a> ).

Other Grade Requirements n/a

Assessments and Examinations	Human Development and Quantitative Methods pathways - A thesis is required. Learning Sciences pathway - A major area paper is required.
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Language Requirements No language requirements.

### REQUIRED COURSES

#### Human Development Pathway <sup>1</sup>

Code	Title	Credits
ED PSYCH 709	Seminar in Research in Educational Psychology I	3
ED PSYCH 710	Seminar in Research in Educational Psychology II	3
ED PSYCH 712	Educational Psychology Diversity Seminar	1
ED PSYCH 720	Child Development	3
ED PSYCH 721	Adolescent Development	3
ED PSYCH 760	Statistical Methods Applied to Education I	3
ED PSYCH 761	Statistical Methods Applied to Education II	3

#### Human Development Area Course

Select one of the following:		3
ED PSYCH 711	Current Topics in Educational Psychology <sup>*with permission from HD Area Chair</sup>	
ED PSYCH/ COUN PSY 723	Developmental Processes Across the Life Span	
ED PSYCH/ HDFS 725	Theory and Issues in Human Development	
ED PSYCH 731		
ED PSYCH 920		
ED PSYCH 921	Seminar in Adolescent Development	
ED PSYCH 925	Advanced Seminar in Human Development	

#### Elective credits approved by HD faculty <sup>2</sup>

Master's Thesis	14
<b>Total Credits</b>	<b>36</b>

#### 1

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#### 2

ED PSYCH 990 Research or Thesis can not be counted towards coursework requirements, but can count toward elective credits. No more than four credits can be earned in ED PSYCH 999 Independent Reading.

**Learning Sciences Pathway<sup>1</sup>**

Code	Title	Credits
ED PSYCH 709	Seminar in Research in Educational Psychology I	3
ED PSYCH 710	Seminar in Research in Educational Psychology II	3
ED PSYCH 712	Educational Psychology Diversity Seminar	1
ED PSYCH 795	Introduction to Learning Sciences I	3
ED PSYCH 796	Introduction to the Learning Sciences II	3
Two classes (6 credits) in the quantitative methods area not including ED PSYCH 760 or its equivalent. <sup>2</sup>		6
ED PSYCH 711	Current Topics in Educational Psychology (Topic: Current Issues in the Learning Sciences)	4
ED PSYCH 711	Current Topics in Educational Psychology (Topic: Academic Writing in Learning Sciences)	3
One class (3 credits) in qualitative methods.		3
One additional class (3 credits) in the Learning Sciences area. <sup>3</sup>		3
Elective credits approved by LS faculty.		4
Major Area Paper		
<b>Total Credits</b>		<b>36</b>

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**2**

This includes any course in the Quantitative Methods program area or any other approved course by the Learning Sciences faculty as covering appropriate content in quantitative methods.

**3**

This includes any course in the Learning Sciences program area or any other approved course by the Learning Sciences faculty as covering appropriate content in the learning sciences.

**Quantitative Methods Pathway<sup>1</sup>**

The Quantitative Area of the Department of Educational Psychology is divided into two subareas: (1) Educational Statistics and Research Methodology; and (2) Educational Measurement. Below are listed the requirements in each of these subareas.

**• Educational Statistics and Research Methodology subarea**

Code	Title	Credits
ED PSYCH 709	Seminar in Research in Educational Psychology I	3
ED PSYCH 710	Seminar in Research in Educational Psychology II	3
ED PSYCH 712	Educational Psychology Diversity Seminar	1
ED PSYCH 760	Statistical Methods Applied to Education I	3

ED PSYCH 761	Statistical Methods Applied to Education II	3
ED PSYCH 762	Introduction to the Design of Educational Experiments	3
ED PSYCH 763	Regression Models in Education	3
Three courses in the quantitative area (options below or additional courses chosen in consultation with advisor)		9
ED PSYCH 771	Test Construction	
ED PSYCH 773	Factor Analysis, Multidimensional Scaling and Cluster Analysis	
ED PSYCH 871	Test Theory II	
ED PSYCH 960	Structural Equation Modeling	
ED PSYCH 963	Design & Analysis of Quasi-Experiments for Causal Inference	
ED PSYCH 964	Hierarchical Linear Modeling	
ED PSYCH 965	Applied Bayesian Statistics for Education Research	
ED PSYCH 971	Advanced Seminar in Educational Measurement and Statistics	
Elective credits approved by QM faculty		8
Master's Thesis		
<b>Total Credits</b>		<b>36</b>

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**• Educational Measurement subarea**

Code	Title	Credits
ED PSYCH 709	Seminar in Research in Educational Psychology I	3
ED PSYCH 710	Seminar in Research in Educational Psychology II	3
ED PSYCH 712	Educational Psychology Diversity Seminar	1
ED PSYCH 760	Statistical Methods Applied to Education I	3
ED PSYCH 761	Statistical Methods Applied to Education II	3
ED PSYCH 771	Test Construction	3
Four courses in the quantitative area (options below or other chosen in consultation with advisor)		12
ED PSYCH 762	Introduction to the Design of Educational Experiments	
ED PSYCH 763	Regression Models in Education	
ED PSYCH 871	Test Theory II	
ED PSYCH 960	Structural Equation Modeling	
ED PSYCH 963	Design & Analysis of Quasi-Experiments for Causal Inference	
ED PSYCH 964	Hierarchical Linear Modeling	
ED PSYCH 965	Applied Bayesian Statistics for Education Research	
ED PSYCH 971	Advanced Seminar in Educational Measurement and Statistics	

ED PSYCH 773	Factor Analysis, Multidimensional Scaling and Cluster Analysis	
Elective credits approved by QM faculty		8
Master's Thesis		
<b>Total Credits</b>		<b>36</b>

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