

EDUCATIONAL PSYCHOLOGY: RESEARCH, MS

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirements>) and policies (<https://guide.wisc.edu/graduate/#policies>), 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 27 credits

Minimum Graduate Coursework Requirement 18 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall Graduate GPA Requirement 3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <https://policy.wisc.edu/library/UW-1203> (<https://policy.wisc.edu/library/UW-1203/>).

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.

Language Requirements No language requirements.

REQUIRED COURSES

Human Development Pathway¹

Code	Title	Credits
Core		
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 (with permission from Human Development Area Chair)	
ED PSYCH/ COUN PSY 723	Developmental Processes Across the Life Span	
ED PSYCH/ HDFS 725	Theory and Issues in Human Development	
ED PSYCH 921	Seminar in Adolescent Development	
ED PSYCH 925	Advanced Seminar in Human Development	

Elective credits approved by Human Development faculty² 14

Master's Thesis

Total Credits 36

¹ These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathway names do not appear in the Graduate School admissions application, and they will not appear on the transcript.

² ED PSYCH 990 Research or Thesis cannot satisfy coursework requirements, but can satisfy elective credits. No more than four credits can be earned in ED PSYCH 999 Independent Reading.

Learning Sciences Pathway¹

Code	Title	Credits
Core		
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. ²		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. ³		3
Elective credits approved by Learning Sciences faculty.		4
Major Area Paper		
Total Credits		36

¹ These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathway names do not appear in the Graduate School admissions application, and they will not appear on the transcript.

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 Pathway¹

The Quantitative Area of the Department of Educational Psychology is divided into two subareas:

1. Educational Statistics and Research Methodology; and
2. Educational Measurement.

The requirements in each of these subareas are listed below.

Educational Statistics and Research Methodology Subarea

Code	Title	Credits
Core		
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 Quantitative Methods faculty **8**

Master's Thesis

Total Credits **36**

¹ These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathway names do not appear in the Graduate School admissions application, and they will not appear on the transcript.

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 Quantitative Methods faculty		8
Master's Thesis		
Total Credits		36

¹ These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathway names do not appear in the Graduate School admissions application, and they will not appear on the transcript.