

# EDUCATIONAL PSYCHOLOGY AND RESEARCH, PH.D.

## Degree Requirements (60 Hours)

Minimum hours required: 60 post-masters

The total number of hours required may vary depending on prior graduate coursework completed, but must be no less than 60 hours beyond the masters degree. Based on the curriculum described below, a program of study will be developed with the student's advisor and must be approved by the Graduate Director and the Dean of the Graduate School. Courses listed on the program of study must be completed no more than 10 years prior to graduation.

### Core Courses (15 Hours)

Course	Title	Credits
EDRM 710	Educational Statistics I <sup>1</sup>	3
EDRM 711	Educational Statistics II <sup>1</sup>	3
EDPY 752	Research Methods in Educational Psychology <sup>1</sup>	3
EDRM 718	Research and the Statistical Packages <sup>1</sup>	3
EDRM 728	Technical Aspects of Tests and Measurements <sup>1</sup>	3
<b>Total Credit Hours</b>		<b>15</b>

<sup>1</sup> May be used to satisfy the College of Education 18 hour research requirement.

### Area of Concentration- Educational Psychology or Educational Research (18 Hours)

#### Educational Psychology Concentration

Course	Title	Credits
EDPY 704	The Field of Educational Psychology	3
EDPY 751	Learning and Instruction	3
EDPY 741	Basic Processes: Cognition	3
EDPY 785	Motivation and School Learning	3
Select two of the following:		6
EDPY 705	Human Growth and Development	
EDPY 706	Growth and Development: Childhood	
EDPY 707	Growth and Development: Middle Childhood and Adolescence	
EDPY 708	Growth and Development: Adulthood	
<b>Total Credit Hours</b>		<b>18</b>

#### Educational Research Concentration

Course	Title	Credits
EDRM 712	Nonparametric Statistics <sup>1</sup>	3
EDRM 789	Principles and Applications of Structural Equation Modeling <sup>1</sup>	3
EDRM 810	Design and Analysis of Experiments <sup>1</sup>	3
EDRM 812	Hierarchical Linear Modeling <sup>1</sup>	3
EDRM 816	Correlational and Multivariate Methods <sup>1</sup>	3
EDRM 828	Item Response Theory <sup>1</sup>	3
<b>Total Credit Hours</b>		<b>18</b>

<sup>1</sup> May be used to satisfy the College of Education 18 hour research requirement.

### Seminar Courses (6 Hours)

At least one seminar course must be from the student's area of concentration. Students in the Education Psychology concentration must select at least one seminar course from EDPY. Students in the Educational Research concentration must select at least one seminar course from EDRM.

Course	Title	Credits
Select 6 hours from the following:		
EDPY 805	Contemporary Research in Human Development and Education <sup>1</sup>	6
EDPY 835	Educational Psychology	
EDPY 873	Advanced Problems in Educational Psychology	
EDRM 889	Advanced Principles and Application of Latent Variable Modeling <sup>1</sup>	
EDRM 878	Seminar in Research Techniques <sup>1</sup>	
<b>Total Credit Hours</b>		<b>6</b>

<sup>1</sup> May be used to satisfy the College of Education 18 hour research requirement.

### Related Electives (9 Hours)

9 hours of related electives as approved by advisor and program of study committee.

### Electives for Students in the Educational Psychology Concentration

Course	Title	Credits
Educational Psychology students are encouraged to take EDRM 9 electives from one of the research focus areas as follows:		

#### Measurement Focus- 9 hours from:

EDRM 723	Classroom Assessment Methods <sup>1</sup>	
EDRM 724	Design and Analysis of Educational Surveys <sup>1</sup>	
EDRM 789	Principles and Applications of Structural Equation Modeling <sup>1</sup>	
EDRM 828	Item Response Theory <sup>1</sup>	

#### Quantitative Focus- 9 hours from:

EDRM 712	Nonparametric Statistics <sup>1</sup>	
EDRM 810	Design and Analysis of Experiments <sup>1</sup>	
EDRM 812	Hierarchical Linear Modeling <sup>1</sup>	
EDRM 816	Correlational and Multivariate Methods <sup>1</sup>	

#### Qualitative Focus- 9 hours from:

EDFI 731	Qualitative Inquiry <sup>1</sup>	
EDFI 833	Narrative Inquiry <sup>1</sup>	
EDRM 715	Mixed Methods Research <sup>1</sup>	

**Total Credit Hours** 9

<sup>1</sup> May be used to satisfy the College of Education 18 hour research requirement.

### Electives for Students in the Educational Research Concentration

Course	Title	Credits
Educational Research students are encouraged to take EDPY/EDRM 9 electives selected from:		

EDPY 704	The Field of Educational Psychology	3
EDPY 705	Human Growth and Development	3
EDPY 706	Growth and Development: Childhood	3
EDPY 707	Growth and Development: Middle Childhood and Adolescence	3
EDPY 708	Growth and Development: Adulthood	3
EDPY 741	Basic Processes: Cognition	3
EDPY 751	Learning and Instruction	3
EDPY 785	Motivation and School Learning	3
EDPY 805	Contemporary Research in Human Development and Education	3
EDPY 835	Educational Psychology	3
EDPY 873	Advanced Problems in Educational Psychology	3
EDRM 715	Mixed Methods Research <sup>1</sup>	3
EDRM 889	Advanced Principles and Application of Latent Variable Modeling <sup>1</sup>	3
EDRM 878	Seminar in Research Techniques	1-3

Course offerings in other programs (e.g., Statistics, Psychology, Epidemiology, etc.) may be selected with advisor/program of study approval.

<sup>1</sup> May be used to satisfy the College of Education 18 hour research requirement.

### **Dissertation Preparation (12 Hours minimum)**

Students are required to enroll in EDRM 899 while working on the dissertation.