

EDUCATIONAL PSYCHOLOGY
DOCTORAL PROGRAM PLANNER
 DEPARTMENT OF EDUCATIONAL, SCHOOL, AND COUNSELING PSYCHOLOGY
 UNIVERSITY OF MISSOURI-COLUMBIA
Effective: Fall Semester, 2008
 (Revised April 2008)

Student Name _____ Student Number _____

Date planner filed _____

Semester formally admitted to the program _____

Semester first MU coursework taken after admission to Doctoral program _____

	Prior Institutions Attended	Dates	#Semesters	Degree Earned	Major
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____

In-Residence Requirement at MU (Note: Off-campus coursework, web-based courses, and correspondence courses cannot be used to fulfill this requirement.)

Two 9-hour semesters **OR**

Three 6-hour semesters (Completed within an 18-month period or less on the Columbia Campus) **OR**

Two 9-hour summer semesters

<u>Semester or Summer Session</u>	<u># Semester Hours Earned</u>	<u>Advisor</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Committee Members

1. _____
2. _____
3. _____
4. _____

Chairperson/Advisor

5. _____

Outside Member (must be from outside of ESCP)

Candidate's Signature Date: _____

Advisor's Signature Date: _____

DESCRIPTION OF PROGRAM REQUIREMENTS

After meeting acceptance requirements, the student must complete a program comprised of six distinct elements:

- 1) Core coursework
- 2) Required topics within emphasis area (coursework)
- 3) Required electives within emphasis area (coursework)
- 4) One professional accomplishment (Examples are publication in a refereed journal, paper presentation at a national conference, development of a professionally published test or measure that is used nationally.) This requirement is considered a part of the Comprehensive Examination.
- 5) Comprehensive examination (This requirement has two parts: an examination part and the Professional Accomplishment [cf. #4 above])
- 6) Teaching internship (described in Appendix E of Part III of the Graduate Student/ Advisor Handbook. Must be completed at the time of the comprehensive examination)
- 7) Dissertation (written manuscript and oral defense of manuscript)

The program offers students a choice between two areas for academic emphasis: 1) statistics and measurement, or 2) cognition and development. Students must satisfy all requirements of a given emphasis area. The advisor is the final arbiter of the student's program.

Summary:

1) Core courses	36 minimum credit hours
2) Emphasis area topics	18 min
3) Electives within emphasis area*	6 min – 18 max
4) Professional accomplishment	
5) Comprehensive exams	
6) Teaching Internship	
7) Dissertation*	6 min – 18 max

* these two combined must be ≥ 18

72 hours minimum

Illustrative Timeline

Year 1 to 3 coursework

During last year of course work also complete Professional Accomplishment

During the semester after coursework, take Comprehensive Exams

Year 4 to 5 dissertation and oral defense of dissertation

GRADUATION!

1. CORE COURSES

(The following are required for all Ed Psych doctoral students -36 hours)

		<u>Credits</u>	<u>University Name</u>	<u>Semester /Year</u>	<u>Grade</u>
<u>Statistics and Research (15 hours)</u>					
(Note: 4170/7170 or equivalent is prerequisite)					
8020	Overview of Educational Research	3	_____	_____	_____
8610	Quantitative Methods in Ed Research I (8020 prereq)	3	_____	_____	_____
8620	Quantitative Methods in Ed Research: Stats II (8020 prereq., 8610 is not a prereq.)	3	_____	_____	_____
8630	Qualitative Methods in Ed Research I (8020 prereq.)	3	_____	_____	_____
9650	Multivariate (8020, 8610, 8620 prereq.)	3	_____	_____	_____
_____	_____	3	_____	_____	_____
	Substitute only on advisor's approval				
<u>Measurement and Evaluation (3)</u>					
8082	Foundations of Ed & Psych Measurement (4170/7170 prereq)	3	_____	_____	_____
_____	_____	3	_____	_____	_____
	Substitute only on advisor's approval				
<u>Cognition and Learning (6)</u>					
8320	Advanced Human Learning	3	_____	_____	_____
8350	Application of Human Learning Principles	3	_____	_____	_____
_____	_____	3	_____	_____	_____
	Substitute only on advisor's approval				
<u>Psychological Foundations of Behavior (9)</u>					
4100/7100	Foundations of Ed Psych	3	_____	_____	_____
9450	Motivation	3	_____	_____	_____
8015	Child and Adolescent Development	3	_____	_____	_____
_____	_____	3	_____	_____	_____
	Substitute only on advisor's approval				

<u>Human Diversity (3 – choose one of the following:)</u>	<u>Credits</u>	<u>University Name</u>	<u>Semester /Year</u>	<u>Grade</u>
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- a. _____
- e.g., HDFS 7300 The Black Family
 HDFS 8300 Advanced Seminar on MultiCultural Families
 EL9440 Race Gender and Ethnicity in Higher Ed
 EL7458 Sociology of Education (crosslisted Sociology 355)
 EL9464 Theory and Practice in Multicultural Education
 7830 Psychology of Women
 9000 Multicultural Issues in Counseling
 8580 Social and Cultural Identity Development
 8585 Gender Issues in Counseling and Education
- _____
- Substitute only on advisor’s approval

2. EMPHASIS AREA (CHOOSE A OR B)

A. Statistics and Measurement Emphasis Area (18) (The following **topics** are required—at least one course in each topic—for students specializing in statistics and measurement. The courses listed are suggestions that would fulfill the area requirement.) [Recommended prerequisites math content from such classes as Math 7140 (Matrix Theory), Math 4100/7100 (Differential Equations).]

	<u>Credits</u>	<u>University Name</u>	<u>Semester /Year</u>	<u>Grade</u>
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1. Advanced measurement (≥ 3)

- a. _____
- e.g., 9640 Advance Measurement Theory
 8655 Item Response Theory
 8087 Structural Equation Modeling
 P9715 Multilevel Modeling
 Selected graduate level courses in Psychology Department with advisor approval.

2. Advanced Statistics (≥ 3)

- a. _____
- e.g., Selected graduate or advanced undergraduate level courses from Statistics Department with advisor's approval (Bayesian statistics, Linear Models, Stochastic Processes, Nonparametric statistics) selected graduate level courses from Psychology Department with advisor approval

3. Probability theory (≥ 3)

- a. _____
- e.g., Statistics 4710/7710 Introduction to Mathematical Statistics,
 Statistics 4750/7750 Introduction to Probability Theory &
 Statistics 4760/7760 Statistical Inference
 ***note**: A 3 semester Calculus and Analytic Geometry sequence is a required prerequisite for these classes.
 This can be fulfilled by taking Math 1500, 1700 and 2300.

4. Program evaluation (≥ 3)

- a. _____
- e.g., 8690 Educational Planning & Evaluation
 IS< 9455 Formative and Summative Evaluation

5. Specialized topics seminar* (e.g. IRT, Generalizability theory, SEM, HLM) (≥3)

- a. _____
 e.g., 8087 Item Response Theory
 8087 Recent Developments in Measurement & Assessment
 8087 Structural Equation Modeling
 Generalizability Theory

6. Reading in statistics and/or measurement* (≥3)

- a. _____
 To be determined with advisor

* (For this area, advisor approval required prior to registering in any particular class)

B. Cognition and Development Emphasis Area (18) (The following **topics** are required—at least one course in each topic—for students specializing in cognition and learning. The courses listed are suggestions that would fulfill the area requirement.)

	<u>Credits</u>	<u>University Name</u>	<u>Semester /Year</u>	<u>Grade</u>
1. Development (≥3)				
a. _____ e.g., 8580 Social and Cultural Identity Development Psych8410 Psychology of Development HDFS4620/7620 Family Interaction HDFS8440 Social and Emotional Development				
2. Cognition (≥3)				
a. _____ e.g., 8087 Seminar course Psychological Sciences courses				
3. Research Methods (≥3)				
a. _____ e.g., Statistics, measurement, or qualitative methods course Psych9725 The Literature Review 8640 Interviewing, Diagnosis, and Assessment				
4. Technology (≥3)				
a. _____ e.g., Q7466 Computers as Cognitive Tools IS< Designing Constructivist Learning Environments				
5. Specialized topics seminar* (≥3)				
a. _____				

6. Readings in cognition, development, research, or technology* (≥ 3)

a. _____
To be determined with advisor

* (For this area, advisor approval required prior to registering in any particular class)

3. ELECTIVES (CHOOSE ELECTIVES TO MATCH YOUR EMPHASIS AREA)

Elective hours plus dissertation hours must equal at least 18 hours.

A. Electives - Statistics Emphasis Area* (6-18)

B. Electives - Cognition and Learning Emphasis Area* (6-18)

*Note – Electives are to be arranged in consultation with advisor.

4. COMPREHENSIVE EXAM (All coursework must be completed prior to this exam)

A. The comprehensive exam consists of two parts:

1. Written examination and
2. Oral examination

B. Semester planned for exam: _____

C. Teaching internship _____

5. PROFESSIONAL ACCOMPLISHMENT

6. DISSERTATION (9090) (6-18)

A. Semester planned to begin dissertation: _____

B. Semester planned to defend dissertation: _____

C. Anticipated graduation: _____