



Ph.D. in Educational Statistics and Research Methods Program Curriculum Planning Guide and Check Sheet

Student Name: _____ UD ID Number: _____
 Advisor: _____
 Catalog Year (admit term): _____ Expected Graduation Term: _____
 Check out completed by: _____ Date: _____
 Specialization: _____

Core Content Courses (12 credits)

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 805	Proseminar in Education I	3	Year 1, Fall		
EDUC 806	Proseminar in Education II	3	Year 1, Spring		

Methodology Core (minimum 9 credits from the following)

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 850	Qualitative Research in Educational Settings	3	Year 1, Fall		
EDUC 856	Introduction to Statistical Inference	3	Year 1, Spring		
EDUC 812	Regression and Structural Equation Modeling	3	Spring		
EDUC 865	Educational Measurement Theory	3	Spring		
EDUC 874	Applied Multivariate Data Analysis	3	Fall		

Additional Methods Courses

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 863	Principles of Program Evaluation	3	Spring		
EDUC 873	Multilevel Models in Education	3	Fall '21, '24		
EDUC 826	Mixed Methods in Social Science Research	3	Fall '20, '23		



Additional Courses (6 credits):

Choose 6 credits from the following: EDUC 866, EDUC 868, or Electives

Course	Semester planned	Semester Taken	Grade

Colloquium Courses

(minimum of 4 credits)

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 840	Research Colloquium in Education	1	Fall and Spring		
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EDUC 840	Research Colloquium in Education	1	Fall and Spring		

Specialization Area Coursework

(6 credits)

Choose two from the following courses

Learning Sciences

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 804	How People Learn	3	Spring '21, '24		
EDUC 815	Design of Learning Environments	3	Spring '20, '23, '26		
EDUC 819	Disciplinary Knowledge in Learning Sciences	3	Spring '22, '25		

Literacy

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 802	Reading Development and Instruction	3	Fall '20, '23		
EDUC 807	Writing Development and Instruction	3	Fall '21, '24		
EDUC 822	Critical Issues in Literacy Development and Learning Problems	3	Fall '19, '22, '25		



Mathematics Education

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 833	Research and Theory of Mathematics Learning	3	Fall (even-number years)		
EDUC 834	Research and Theory of Mathematics Teaching	3	Spring (odd-number years)		
EDUC 835	Research and Theory of Mathematics Curriculum	3	Fall (odd-number years)		
EDUC 836	Research and Theory of Mathematics Teacher Education and School Improvement	3	Spring (even-number years)		

Sociocultural and Community Approaches

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 853	Culturally Relevant Pedagogies	3	Fall '19, '22, '25		
EDUC 854	Topics in Equity in Education	3	Spring '21, '24		
EDUC 855	Topics in Sociocultural Theories of Education	3	Spring '22, '25		
EDUC 732	Community Based Practicum	3			

*In addition to the requirements for all Ph.D. students above, students in this specialization complete a community-based practicum (EDUC 732).

School Psychology

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 618	Introduction to School Psychology	3	Fall		
EDUC 830	Consultation and Intervention: School Discipline	3	Spring		
EDUC 813	Childhood Psychopathology	3	Fall		
EDUC 651	Diversity and Family School Collaboration	3	Spring		



Dissertation:

(9 credits)

Course Number	Course Title	Credits	Semester Offered	Semester Taken	Grade
EDUC 969	Doctoral Dissertation	3			
EDUC 969	Doctoral Dissertation	3			
EDUC 969	Doctoral Dissertation	3			

Total credits required: 55

Course Subs Needed

Yes No

Transfer Credits Need to be Processed

Yes No

Scholarly Apprenticeship Requirements:

1. Presentation at a national or international conference. Date completed: _____
2. At least one paper submitted for publication to a peer reviewed journal where the student is at least co- author. Date submitted: _____
 - a. Full citation:
3. Participation in School of Education Research Forum.
 - a. First year attendance: _____
 - b. Second year poster: _____
 - c. Third year paper presentation: _____
 - d. Fourth year paper presentation: _____
4. Supervised teaching experience.

(Note: This requirement can be fulfilled by teaching as instructor of record, either as part of a teaching assistantship or s-contract, or by co-teaching or apprentice teaching with a faculty member for credit through independent study. Students who do not have a Teaching Assistantship should consult with their advisors and/or specialization area coordinators in finding appropriate activities to fulfill this requirement. Students also are encouraged to participate in workshops offered by the Delaware Center for Teaching and Learning while fulfilling this requirement.

Description of experience:	Date Completed:



Examination Requirements:

First Year Assessment:

Date student took the exam: _____ Pass? Y N

Retake date (if needed): _____

Fourth Year Exam:

Date taken: _____ Pass? Y N

Retake date (if needed): _____

Proposal Defense and Advancement of Candidacy:

All students must pass an oral defense of their dissertation proposal in order to advance to doctoral candidacy.

Date of successful proposal defense: _____

Residency Requirement:

University Policy requires all doctoral students to complete one-year full-time study (9 credit hours), either in a fall-spring or spring-fall sequence.

Dates of residency: _____