Ph.D. in Education Program of Study

CHERYL ANNE BURRIS **FALL 2024 / *FUTURE**

COURSE CREDITS: 87 credits

Core Courses:	30 (including 12 dissertation credits)
Specialization Courses:	57 (including 9 credits from M.Ed.)

Course Work

1. General Culture: 3 credits

EDUC 800 Ways of Knowing

2. Research Methods: 15 credits

EDRS 810 Problems and Methods in Educational Research
EDRS 811 Quantitative Methods in Educational Research
EDRS 812 Qualitative Methods in Educational Research
EDRS 821 Advanced Applications of Quantitative Methods
*EDRS 824 Mixed Methods Research: Integrating QUAL & QUANT Approaches

3. Specialization: 57 credits

Primary Specialization (21): Learning Technologies Design Research

EDIT 801 Nature and Process of Design
EDIT 802 Cognition and Technology: A Multidisciplinary Approach
EDIT 803 Design-Based Research
EDIT 895 Emerging Trends in Learning Technology
EDIT 891-1 Design Research: AI Approaches to Learning Gaps
EDIT 891-2 Design Research: Planning Supports for Neurodiverse (ND) Learners in Digital Learning Environments (DLE)
*EDIT 891-3 Design Research: AI Approaches to Learner-Centered Design

Secondary Specialization (18): Educational Psychology

EDEP 820 Teaching, Learning, and Cognition
*EDEP 821 Sociocultural Processes in Learning, Instruction, and Motivation
EDEP 822 Advanced Learning, Motivation, and Self-Regulation
*EDEP 823 Research Project: Design Your Study
*EDEP 824 Research Project: Analyzing Your Data and Disseminating Findings
EDEP 825 Motivation in Learning & Teaching

Additional Coursework: 9 Credits

AIT 790 Advanced Special Topics in Applied Information Technology: AI in ED
EDUC 890 Doctoral Internship in Education

Applicable Coursework from Master's Degree (9): Learning, Design, & Technology

LDT 527 Designing Constructivist Learning Environments
LDT 581 Theoretical Foundations of Learning, Design, and Technology
LDT 832 E-Learning Design

4. Dissertation Proposal and Research: 12 credits

*EDUC 998 Doctoral Dissertation Proposal
*EDUC 999-1 Doctoral Dissertation Research
*EDUC 999-2 Doctoral Dissertation Research
*EDUC 999-3 Doctoral Dissertation Research

PROPOSED DATE FOR COMPREHENSIVE PORTFOLIO ASSESSMENT: May 2027

PROGRAM RATIONALE:

My proposed program of study directly supports my PhD research goals by organizing coursework and specializations to build strong expertise in instructional design, learning technology, and educational psychology. This plan supports my goal of developing a scaffolded instructional design framework informed by cognitive, behavioral, and neuroeconomics, and prepares me for research, design, and leadership in learner-centered cognitive accessibility within AI-mediated digital learning environments. This program of study supports this goal with the following objectives: aligns with my research interests at the intersection of instructional design, artificial intelligence, and educational psychology; centers neurodivergent learners by selecting courses that support research aimed at closing latency in behavior gaps between task awareness and task engagement for higher education learners; offers a comprehensive set of essential methods courses to ensure I can conduct rigorous research, implement accessible interventions, and develop effective engagement protocols; and lays the groundwork for doctoral study to generate practical impacts, especially for ADHD and Autistic learners.

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Student Signature **Date**

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Chair **Date**
Doctoral Advising Committee

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PhD Director **Date**
PhD in Education Program

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Member **Date**
Doctoral Advising Committee
(secondary specialization)

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Member **Date**
Doctoral Advising Committee

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Member **Date**
Doctoral Advising Committee