

LEARNING OUTCOMES: EDUCATIONAL PSYCHOLOGY, PHD

Learning Outcomes for the degree of Doctor of Philosophy in Educational Psychology

Counseling Psychology Division

1. Counseling Psychology students will possess a broad knowledge of the core areas of psychology.
2. Counseling Psychology students will have an understanding of the basic statistical analytical methods, research designs, measurement models, and research approaches.
3. Counseling Psychology students will demonstrate skills at independently designing, conducting, writing, and presenting research studies.
4. Counseling Psychology students will be skilled in psychological assessment in all aspects (design, psychometric evaluation, administering, and communicating results) as well as in a variety of contexts (e.g., both environmental and individual assessment).
5. Counseling Psychology students will have the ability to conceptualize clients from a variety of theoretical and scientifically-informed frameworks, present such a conceptualization to others and establish means and methods to evaluate its accuracy
6. Counseling Psychology students will possess theoretical and scientific knowledge regarding skills in the provision of interventions.
7. Counseling Psychology students will value and develop competence in aspects of diversity and individual differences.
8. Counseling Psychology students will have knowledge and appreciation of the ethical issues involved in being a psychologist.
9. Counseling Psychology students will adopt a critical, scientific approach to professional activities.

Developmental Sciences Division

1. Developmental Sciences students will obtain a broad knowledge of the core areas of developmental research across the lifespan. This includes but is not limited to: a) social and emotional development; b) language and mathematical development; c) academic motivation and future planning/orientation; d) bullying and peer harassment; and e) identity formation with respect to gender, race, and ethnicity.
2. Developmental Sciences students will develop a deep expertise in a relevant specialized topic within or across these core areas. This includes mastering research findings in a topic area selected by the student, understanding the relevant theoretical perspectives related to this topic and learning about the appropriate methodological approaches to understanding the core area.
3. Developmental Sciences students will obtain a sophisticated knowledge base of research approaches and analytic tools necessary for contribution to scholarly literature in Developmental Sciences broadly and their specialized topic in particular. Specifically, they will develop skills to independently design, conduct, write, and present/publish research studies related to their area of focus/career path.

Cognitive Science of Teaching and Learning (CSTL) Division

1. CSTL students will obtain a broad knowledge of the core areas related to the cognitive science of teaching and learning. This includes knowledge of theoretical perspectives, methodological approaches, and key research findings in the core areas of (a) cognition and learning across the lifespan, (b) learning and the psychology of language, (c) multimodal information processing, and (d) sociocultural dimensions of learning.
2. CSTL students will obtain a deep expertise in a relevant topic within or cutting across these core areas. This involves mastering theoretical perspectives, methodological approaches, and key research findings in a topic selected by the student. In addition, they will develop skills at independently designing, conducting, writing, and presenting/publishing research studies.
3. CSTL students will obtain a sophisticated knowledge base of research approaches and analytic tools necessary for contribution to the professional literature and their chosen professional identity/career path. This involves understanding the basic statistical analytical methods, research designs, measurement models, and research approaches.

Studies in Interpretive, Statistical, Measurement, and Evaluative Methodologies for Education (QUERIES) Division

1. QUERIES students will obtain a broad basic knowledge of the core areas of educational research methodologies, quantitative, qualitative, and evaluative research methods.
2. QUERIES students will obtain a sophisticated knowledge base of quantitative and/or qualitative research approaches and analytic tools necessary for contribution to the professional literature.
3. QUERIES students in Measurement will become skilled in the development and use of techniques for collecting and analyzing 'test' data through the study of measurement methods.
4. QUERIES students in Statistics will be skilled in traditional and modern quantitative analytic methods.
5. QUERIES students in Evaluation will have the skills required for Evaluation scholars –in education, social welfare, health services, community development, human resource development, and other domains.