INTERDISCIPLINARY RESEARCH PROGRAMS

Programs

• Contemporary Learning and Interdisciplinary Research, PhD

Courses

EDGE 6100. ISSUES AND TRENDS IN AMERICAN EDUCATION. (3 Credits)
The course is designed to provide students with the opportunity to become familiar with the important movements, trends, and innovations that are shaping the education profession.

EDGE 6101. RACE AND MULTICULTURAL EDUCATION IN AMERICAN SOCIETY. (3 Credits)
Examines the concept of cultural pluralism—the values, traditions, and aspirations of various immigrant and ethnic groups; examines the institutionalized nature of prejudice and its impact on the cultural, economic, social status, and mobility patterns of selected ethnic groups.

EDGE 6106. HRE PRACTICUM I. (3 Credits)
This course integrates the knowledge and skills acquired during the program. In this first practicum, students identify an organizational problem and begin the consultation process. They must identify a sponsor, contract for the assignment, collect data and provide feedback to the appropriate organizational members.

EDGE 6107. HRE PRACTICUM II. (3 Credits)
This course continues the process begun in Practicum I. In partnership with the organization, students design and implement an intervention based on the data collected earlier in the consultation process. They must evaluate the performance outcomes associated with the intervention.

EDGE 6226. DESIGN OF INTERACTIVE LEARNING SYSTEMS. (3 Credits)
Cognitive theory and programming skills are taught that enable students to develop multimedia instructional software in a variety of paradigms (for example, simulation, coaching, hypertext, multimedia, tutorial, and drill and practice). To ensure instructional effectiveness, emphasis is placed on building instructional strategies (based on cognitive theory) into the design. To ensure usability, human-computer interaction issues are considered (again, based on cognitive theory). Prerequisite: PSGE 5220 or consent of instructor.

EDGE 6703. MEAS HUM RES ED. (3 Credits)
Focuses on understanding, using and developing assessment tools in the workplace. Students design an instrument, collect and analyze data, and write and present their findings. Measurement concepts of reliability and validity are discussed in relation to developing or purchasing assessment tools.

EDGE 8001. DOCTORAL RESEARCH APPRENTICESHIP. (0 Credits)
A seminar (two consecutive semesters and a summer) in which the student is required to attend monthly seminars. The student is required to undertake research with a faculty member, culminating in a research project that demonstrates the student’s ability to do doctoral work. Prerequisite: Permanent Matriculation Status.

EDGE 9990. INDEPENDENT STUDY. (0 to 4 Credits)
Designed to enable students to study selected topics in depth and to conduct research. For matriculated students only. An outline of the proposed work must be approved by the adviser. Registration only by approval of professor directing study, chairman of the student’s division, and director of graduate studies.

EDGE 9995. DOCTORAL MAINTENANCE OF MATRICULATION. (0 Credits)
Doctoral Maintenance of Matriculation (0 credit) (DOCTORAL MAINTENANCE)

EDGE 9999. DISSERTATION MENTORING. (0 Credits)
Consultation with mentor and dissertation committee on defense of completed dissertation work.