

Received by the Graduate Council through an electronic vote--April 1, 2019

GRADUATE COUNCIL CURRICULUM COMMITTEE
Fourth Meeting 2018-19 Academic Year
March 25, 2019
Held Electronically

SECTION A – Recorded for inclusion in the 2019-20 Graduate Catalog

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COLLEGE OF HEALTH AND HUMAN SCIENCES

School of Interdisciplinary Health Professions

New Course

Page 188, 2018-19 Graduate Catalog

CIP Code: 51.0701

HSCI 660. APPLIED HEALTH DISPARITIES RESEARCH METHODS (3). Study of health research and interventions to reduce health disparities. In-depth analysis of health disparities in student-selected topics and populations. Application of quantitative and qualitative methods in health disparities research. Exposure to community organizations serving diverse populations. Development of an evidence-based intervention proposal to promote health equity. PRQ: HSCI 560, ETR 520, or graduate-level research methods course or consent of school.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Biological Sciences

Course Revisions

Page 211, 2018-19 Graduate Catalog

533. BEHAVIORAL ECOLOGY (3). Examples and theories of how behaviors influences survival and reproduction in different environments evolve. Practice in critical analysis, decision-making, and reasoning skills, such as weighing costs, benefits, and tradeoffs. Many key ideas apply not only to biology, but also to anthropology, economics, and psychology.

554. DEVELOPMENTAL BIOLOGY (4). Mechanisms of eukaryotic Examines the developmental process that guide the transition of a fertilized embryo to an adult animal. Core topics include the basic patterns of embryonic development, establishment of the three germ layers, organogenesis, morphogenesis, tissue regeneration and mechanisms that control these processes at the cellular and molecular levels. Human developmental disorders will also be discussed in the context of these principles. Emphasis on model animal systems. Two hours of lecture and four hours of laboratory per week.

561. ENDOCRINOLOGY (3). Classic mammalian Investigation of endocrine systems examined with emphasis on cellular and molecular mechanisms of action through a comparative systems approach. Topics Concepts include endocrine cell signaling coordination of physiological processes, cellular and molecular mechanisms of hormonal action, and some discussion of endocrine pathology evolution of hormonal regulation. Lecture material and readings from the current professional literature. Competencies include creative problem solving, modeling and simulating systems, interdisciplinary communication, experimental design and critique, and teamwork.

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