

GRADUATE MAJOR CHANGE BULLETIN NO. 3

Fall 2023

Course information under the heading titled *Current* will show strikethroughs for deletions, and text under *Proposed* will show underlines for additions. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	New Revise	Current	Proposed	Effective Date
CE	521	New	--N/A--	Data Science in the Built Environment 3 Fundamentals of modern data science and its applications in built environments including transportation, water, and other distributed civil infrastructure systems, including principles, skills, and tools of data wrangling, exploratory data analysis, and data-driven modeling to tackle real-world problems. Typically offered Spring.	1-24
CHE	596	Revise	Research Methods and Presentation 3 Establish sound practices for responsible conduct of graduate research and ethics; techniques used for performing thorough literature searches, establishing and testing research hypotheses, and successful presentation of research results. Typically offered Fall.	<u>Research Methods and Communications I 2</u> Establish sound practices for responsible conduct of graduate research and ethics; techniques used for performing thorough literature searches, establishing and testing research hypotheses, and successful presentation of research results. Typically offered Fall.	8-24
CHE	597	Revise	Research Methods and Presentation II 2 Establishing sound practices for presentation of research programs and research results. Typically offered Spring.	<u>Research Methods and Communications II 1 Course</u> <u>Prerequisite: CHE 596.</u> Establishing sound practices for presentation of research programs and research results. Typically offered Spring.	8-24
NURS	510	New	--N/A--	Role of the Nurse Scientist 1 Course Prerequisite: Admission to Nursing graduate program. Transition to doctoral study and future professional role as a nurse scientist, addressing professional stewardship, cross-disciplinary teamwork, scientific communication, and required skills.	8-24

NURS	539	New	--N/A--	Advancing Health Equity and Social Justice: Toward Evidence-Informed Solutions 3 Course Prerequisite: NURS 536. Theories, frameworks, research approaches and methods, and systems solutions that improve health equity; topics include trauma-informed care, social and political determinants of health, social justice, racism and anti-racism in healthcare.	8-24
NURS	541	New	--N/A--	Individual/Family Systems Nursing and Healthcare 3 Course Prerequisite: NURS 539. Theories, research methods, and substantive areas of focus in individual and family nursing and healthcare.	8-24
NURS	579	New	--N/A--	Systems and Organizational Change: Theory and Methods 3 Course Prerequisite: NURS 539. The meta-theoretical perspective of complex systems science, including contributing theories (e.g., systems theory, complex adaptive systems, network theory, and nonlinear dynamics); topics include organizational change theories, methods, and metrics.	8-24
WGSS	541	New	--N/A--	Feminist and Queer Approaches to Research 3 A survey of qualitative research methods from queer and feminist perspectives including applications and practice. Typically offered Spring.	1-25
WGSS	561	New	--N/A--	Topics in Feminist and Queer Studies 3 Specialized coursework on contemporary debates and inquiry in feminist and queer studies to provide breadth and depth in the interdisciplinary field of women's, gender, and sexuality studies. Typically offered Fall.	8-24
WGSS	581	New	--N/A--	Feminist and Queer Theories and Frameworks 3 Seminar on contemporary works by major theorists and scholar-activists in feminist and queer studies, providing fundamental theoretical	8-24

				background and conceptual vocabulary in the interdisciplinary field of women's, gender, and sexuality studies. Typically offered Fall.	
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