

GRADUATE MAJOR CHANGE BULLETIN NO. 1

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
ANIM SCI	503	New	--N/A--	Advanced Animal Biology and Genomics 3 Advanced concepts and biological processes regulating animal behavior, physiology, and endocrinology; genetic and epigenetic principles fundamental to animal production; integration of biological and genomic knowledge to solve animal production problems. Recommended preparation: ANIM SCI 440 or equivalent; BIOLOGY 330 or equivalent. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	1-24
CE	529	New	--N/A--	Fundamentals of Environmental Engineering 3 Course Prerequisite: Graduate standing in Engineering or Sciences. Mass balance, reaction kinetics, chemical equilibria, chemical transport, atmospheric pollution, lithospheric pollution, and hydrospheric pollution with special reference to groundwater. Typically offered Fall.	1-24
CHE	575	New	--N/A--	Biochemical Engineering 3 Application of chemical engineering principles to the processing of biological and biochemical materials. (Crosslisted course offered as CHE 475, BIO ENG 475.) Credit not granted for both CHE 475/BIO ENG 475 and CHE 575. Offered at 400 and 500 level. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	8-24
ECONS	529	Revise	Research Methods V 1-2 May be repeated for credit; cumulative maximum 3 credits. Prepare and	<u>Research Methods 3</u> Prepare and communicate professional-quality research with an emphasis on	1-24

			communicate professional-quality research with an emphasis on learning how to identify, develop, write, and present research. Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	learning how to identify, develop, write, and present research. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	
ENGR	581	New	--N/A--	Graduate Research Methods 1 Responsible conduct of research and other topics required to be successful in the Engineering graduate program. Typically offered Fall and Spring.	8-24
TCH LRN	535	New	--N/A--	Indigenous Language Reclamation and Learning 3 Engage in hands-on language reclamation by studying one regional Indigenous language (e.g., Nez Perce language, Coeur d'Alene language, or another regional Native American language), including its linguistic and sociocultural foundations and the overarching processes and underlying tenets of Indigenous language reclamation broadly conceived. Taught or co-taught by members or regional tribes; the specific regional language offered each semester may vary depending on the availability of tribal language expert instructors. Credit not granted for both TCH LRN 435 and 535. Offered at the 400 and 500 level. Typically offered Fall and Summer	1-24
VET PATH	542	Revise	Advanced Diagnostic Pathology 1 (0-3) May be repeated for credit; cumulative maximum 8 credits. Course Prerequisite: Enrollment in Immunology and Infectious Diseases Ph.D. program. Necropsy laboratory for techniques and skills in performing and interpreting necropsy material. Typically offered Fall and Spring. S, F grading.	Advanced Diagnostic Pathology 3 (0-9) May be repeated for credit; cumulative maximum 18 credits. Course Prerequisite: Enrollment in Master of Veterinary Anatomic Pathology program. Necropsy laboratory for techniques and skills in performing and interpreting necropsy material. Typically offered Fall and Spring.	1-24
VET PATH	582	New	--N/A--	Introduction to Histopathology 1 Course Prerequisite: Enrollment in	1-24

				<p>the Combined MS/Anatomic Pathology Residency Program or Clinical Microbiology Residency Program. Histological tissue identification, prototypical lesions associated with injury, and terminology of common diseases in domestic and non-domestic animals; emphasis on pattern recognition, diagnoses, written descriptions, tissue processing techniques. Typically offered Fall and Spring.</p>	
VET PATH	701	New	--N/A--	<p>Master's Independent Capstone Project and /or Examination V 2-4 May be repeated for credit. Capstone project or final examination for professional master's degree under the Graduate School. The credits will include a balloted evaluation of the student's completion of the program's capstone/examination requirements by the program's graduate faculty. Students must have graduate degree-seeking status and obtain approval from their major advisor/committee chair before enrolling for 701 credit. Cooperative: Open to UI degree-seeking students. S, U grading.</p>	1-24