

UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 1

Fall 2025

---COURSES---

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 Drop	Current	Proposed	Effective Date
CE	446 / 546	New	--N/A--	<p>Biochemical Processes in Environmental Engineering 3 Course Prerequisite: CE 341. Principles of biochemical operations used in wastewater treatment including biochemical energetics, kinetics, activated sludge and fixed film reactors, nutrient removal, and sludge handling and treatment. Credit not granted for both CE 446 and CE 546. Offered at 400 and 500 level. Typically offered Even Years - Fall. Cooperative: Open to UI degree-seeking students.</p> <p>Syllabus: https://wsu.instructure.com/courses/1818352</p>	1-26
CHEM	361	New	--N/A--	<p>Health Physics and Radiation Shielding 3 (2-3) Course Prerequisite: Concurrent enrollment in CHEM 101 or CHEM 105. Effects of ionizing radiation on the environment and the human body, with an emphasis on radiation safety, including atoms and energy, discoveries in radiation physics, interactions with matter, nuclear fission, naturally occurring radiation and radioactivity, environmental dispersion, radiation shielding, internal radiation doses, nuclear criticality, statistics in radiation physics, and health physics scenarios. Typically offered Fall.</p> <p>Syllabus: https://wsu.instructure.com/courses/1850344</p>	8-26

CHEM	365	New	--N/A--	<p>Radioanalytical Chemistry 3 (2-3) Course Prerequisite: CHEM 105; CHEM 220; CHEM 361. The safe isolation and measurement of radioactive materials, including laboratory safety, radiation detection principles, analytical and radioanalytical chemistry principles, radioactive sample collection and preparation, applied radiation measurements, radionuclide identification, quality assurance, laboratory design and management principles, and chemistry beyond the actinides. Typically offered Spring.</p> <p>Syllabus: https://wsu.instructure.com/courses/1850354</p>	1-26
CRM J	498	Revise	<p>The Complex Social Interaction Bodycam Research Lab V 1 (0-3) to 4 (0-12) Course Prerequisite: By instructor permission; CRM J 101. Experimental research conducted under the jurisdiction of an approving faculty member; may include analysis of individual, situational, and environmental factors on police interactions, examination of the influence of various contextual factors on community policing dynamics, and critical examination of police decision-making and accountability in complex social interactions. Typically offered Fall, Spring, and Summer. S, F grading.</p>	<p>The Complex Social Interaction Bodycam Research Lab V 1 (0-3) to 4 (0-12) <u>May be repeated for credit.</u> Course Prerequisite: By instructor permission; CRM J 101. Experimental research conducted under the jurisdiction of an approving faculty member; may include analysis of individual, situational, and environmental factors on police interactions, examination of the influence of various contextual factors on community policing dynamics, and critical examination of police decision-making and accountability in complex social interactions. Typically offered Fall, Spring, and Summer. S, F grading.</p> <p>Syllabus: none</p>	1-26
E E / CPT S	439 / <u>539</u>	Revise	<p>Cybersecurity of Critical Infrastructure Systems 3 Course Prerequisite: CPT S 327 and admitted major or minor in CPT S, Software Engr, Cybersecurity, or Data Analytics; OR E E 234 and 361 and admitted major or minor in E E; OR CPT S 327 and E E 234 and admitted major or minor in Cpt Engr. Security topics as they relate to critical</p>	<p>Cybersecurity of Critical Infrastructure Systems 3 Course Prerequisite: CPT S 327 and admitted major or minor in CPT S, Software Engr, Cybersecurity, or Data Analytics; OR E E 234 and 361 and admitted major or minor in E E; OR CPT S 327 and E E 234 and admitted major or minor in Cpt Engr. Security topics as they relate to critical infrastructure systems vital to any</p>	1-26

			<p>infrastructure systems vital to any nation including industrial control systems, cyber physical systems, SCADA, DCS, IoT, IIoT, and the knowledge to secure such systems. (Crosslisted course offered as E E 439, CPT S 439.) Typically offered Spring.</p>	<p>nation including industrial control systems, cyber physical systems, SCADA, DCS, IoT, IIoT, and the knowledge to secure such systems. (Crosslisted course offered as E E 439, CPT S 439.) <u>Credit not granted for both E E/CPT S 439 and 539.</u> Offered at 400 and 500 level. Typically offered Spring.</p> <p>Syllabus: https://wsu.instructure.com/courses/1792707</p>	
ECONS / SOC	326 / 375	Revise	<p>Aspects of Sustainable Development 3 Course Prerequisite: ECONS 101 or 198. Ecological, economical, and sociological aspects of sustainable development. (Crosslisted course offered as ECONS 326, SOC 375.) Typically offered Spring and Summer.</p>	<p>Environmental Economics and Policy 3 Course Prerequisite: ECONS 101 or 198. <u>Application of economic principles to environmental issues, especially the application of economic theory to environmental valuation, the regulation of pollution, and different ways to achieve sustainable development.</u> (Crosslisted course offered as ECONS 326, SOC 375.) Typically offered Spring and Summer.</p> <p>Syllabus: https://wsu.instructure.com/courses/1836153</p>	1-26
MUS	256	Revise	<p>Music Composition 2 (0-6) May be repeated for credit; cumulative maximum 8 credits. Course Prerequisite: MUS 251 or concurrent enrollment. By Interview Only. Original writings in small forms. Typically offered Fall and Spring.</p>	<p>Music Composition V 2 (0-6) to 4 (0-12) May be repeated for credit; cumulative maximum 8 credits. Course Prerequisite: MUS 251 or concurrent enrollment. By Interview Only. Original writings in small forms. Typically offered Fall and Spring.</p> <p>Syllabus: https://wsu.instructure.com/courses/1824528</p>	8-26
MUS	456	Revise	<p>Music Composition 4 May be repeated for credit. Course Prerequisite: MUS 351. By Interview Only. Original writing in small and large forms (traditional and experimental). Typically offered Fall and Spring.</p>	<p>Music Composition 4 (0-12) May be repeated for credit. <u>Course Prerequisite: MUS 351 or concurrent enrollment.</u> By Interview Only. Original writing in small and large forms (traditional and experimental). Typically offered Fall and Spring.</p> <p>Syllabus: https://wsu.instructure.com/courses/1824557</p>	8-26