

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 3**

**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.

<b>Subject</b>	<b>Course Number</b>	<b>New Revis e Drop</b>	<b>Current</b>	<b>Proposed</b>	<b>Effective Date</b>
<b>BIOLOGY / SOE</b>	<b>455</b>	<b>New</b>	--N/A--	<p><b>[CAPS] [M] Urban Ecology 3</b> Course Prerequisite: BIOLOGY 370 or BIOLOGY 372 or SOE 300; junior standing. The study of the ecology of humans, organisms, and their environments in urban ecosystems. Typically offered Spring.</p> <p>Syllabus:  <a href="https://wsu.instructure.com/courses/1874983">https://wsu.instructure.com/courses/1874983</a></p>	<b>1-26</b>
<b>BIOLOGY</b>	<b>485</b>	<b>Revis e</b>	<p><b>Biology of the Oceans 3</b> Course Prerequisite: BIOLOGY 372; junior standing. Interdisciplinary capstone course that explores the ocean world from molecules to ecosystems in the context of scientific discovery and society.</p>	<p><b>[CAPS] [M] Biology of the Oceans 3</b> Course Prerequisite: BIOLOGY 370 or 372; junior standing. Interdisciplinary capstone course that explores the ocean world from molecules to ecosystems in the context of scientific discovery and society. Typically offered Even Years - Spring.</p> <p>Syllabus:  <a href="https://wsu.instructure.com/courses/1874277">https://wsu.instructure.com/courses/1874277</a></p>	<b>1-26</b>
<b>CE</b>	<b>464</b>	<b>New</b>	--N/A--	<p><b>Integrated Civil Engineering Design I 2 (1-6)</b> Course Prerequisite: Department consent; admitted to the major in Civil Engineering; senior standing. Civil engineering applications to planning and preliminary design; problem synthesis, data analysis, considering ethical, social, environmental and economic impacts, analyzing risk potential, decision making and reporting; planning and scoping of projects that include local and world-wide problems through interdisciplinary teams. The first course in the two</p>	<b>8-26</b>

				part capstone series. Typically offered Fall and Spring.  Syllabus: <a href="https://wsu.instructure.com/courses/1795488/assignments/syllabus">https://wsu.instructure.com/courses/1795488/assignments/syllabus</a>	
<b>CE</b>	<b>494</b>	<b>New</b>	<b>--N/A--</b>	<b>CEE Student Club Involvement 1 (0-3)</b> Leadership in a student club related to Civil and Environmental Engineering. Typically offered Fall and Spring. S, F grading.  Syllabus: <a href="https://wsu.instructure.com/courses/1795431">https://wsu.instructure.com/courses/1795431</a>	<b>8-26</b>
<b>CE</b>	<b>496</b>	<b>New</b>	<b>--N/A--</b>	<b>CEE Undergraduate Teaching Assistant 3 (0-9)</b> Undergraduate Teaching Assistant position in the Civil and Environmental Engineering Department. Typically offered Fall and Spring. S, F grading.  Syllabus: <a href="https://wsu.instructure.com/courses/1795432">https://wsu.instructure.com/courses/1795432</a>	<b>8-26</b>
<b>CE</b>	<b>497</b>	<b>New</b>	<b>--N/A--</b>	<b>CEE Undergraduate Research Assistant 3 (0-9)</b> Undergraduate Research Assistant position related to Civil and Environmental Engineering. Typically offered Fall and Spring. S, F grading.  Syllabus: <a href="https://wsu.instructure.com/courses/1795433">https://wsu.instructure.com/courses/1795433</a>	<b>8-26</b>
<b>DATA</b>	<b>461</b>	<b>New</b>	<b>--N/A--</b>	<b>Mathematical Foundations of AI 3</b> Course Prerequisite: DATA 121 or MATH 171. Foundational AI topics including linear algebra, optimization, graph theory, graph neural networks, manifold learning, kernel methods, function spaces, probabilistic and decision-theoretic models, and ethical considerations. Typically offered Fall and Spring.  Syllabus: <a href="https://wsu.instructure.com/courses/1874460">https://wsu.instructure.com/courses/1874460</a>	<b>1-26</b>
<b>DATA</b>	<b>462</b>	<b>New</b>	<b>--N/A--</b>	<b>Prompt Engineering for Data Analytics 3</b> Course Prerequisite: DATA 219; STAT/DATA 360. Designing and refining prompts for LLMs to clean, transform, visualize, and narrate data; emphasizing hands-on projects, ethical considerations, and evaluation of outputs using open-source tools and collaborative platforms. Typically offered Fall and Spring  Syllabus:	<b>1-26</b>

				<a href="https://wsu.instructure.com/courses/1874776">https://wsu.instructure.com/courses/1874776</a>	
<b>ENGR</b>	<b>498</b>	<b>New</b>	<b>--N/A--</b>	<p><b>Special Topics V 1-3</b> May be repeated for credit; cumulative maximum 6 credits. Course Prerequisite: By department permission only. Peer coordinator under the instructor of record for ENGR 101, 102, or 107; may include leadership role or development of a technical workshop. Typically offered Fall and Spring. S, F grading.</p> <p>Syllabus:  <a href="https://wsu.instructure.com/courses/1871144">https://wsu.instructure.com/courses/1871144</a></p>	<b>1-26</b>
<b>ENTOM</b>	<b>210</b>	<b>New</b>	<b>--N/A--</b>	<p><b>[BSCI] Insects and Death: Exploring the Scientific Method through Forensic Entomology 4 (3-3)</b> How insects can help scientists solve crimes, including insect biology, evidence collection, and scientific analysis with hands-on labs, case studies, and fieldwork. Typically offered Spring.</p> <p>Syllabus:  Reviewed by UCORE committee</p>	<b>1-26</b>
<b>ENTOM</b>	<b>465</b>	<b>New</b>	<b>--N/A--</b>	<p><b>Native Bee Biology and Identification 3</b> Introduction to the study and identification of native bees, with a focus on bees that can be found in the Pacific Northwest. Credit not granted for both ENTOM 465 and ENTOM 565. Offered at 400 and 500 level. Typically offered Spring.</p> <p>Syllabus:  <a href="https://wsu.instructure.com/courses/1874763">https://wsu.instructure.com/courses/1874763</a></p>	<b>1-26</b>
<b>MUS</b>	<b>473</b>	<b>New</b>	<b>--N/A--</b>	<p><b>Marching Band and Jazz Band Pedagogy 1 (0-3)</b> Course Prerequisite: MUS 190; MUS 251. Twice-weekly sessions on the topics of jazz band pedagogy and marching band techniques. Typically offered Spring.</p> <p>Syllabus:  <a href="https://wsu.instructure.com/courses/1873311">https://wsu.instructure.com/courses/1873311</a></p>	<b>8-26</b>
<b>NEP</b>	<b>101</b>	<b>New</b>	<b>--N/A--</b>	<p><b>[BSCI] Modern Concepts in Human Health: Food, Fitness, and You 3</b> Why we need food, which nutrients support wellness, and how the body uses nutrients with a focus on eating well and being active to maintain a healthy lifestyle.</p> <p>Syllabus:  Reviewed by UCORE committee</p>	<b>1-26</b>
<b>PSYCH</b>	<b>203</b>	<b>New</b>	<b>--N/A--</b>	<p><b>Techniques in Stress Management and Mindfulness 1</b> An exploration of stress management and mindfulness practices. Recommended</p>	<b>8-26</b>

				<p>preparation: PSYCH 105. Typically offered Fall and Spring.</p> <p>Syllabus:  <a href="https://wsu.instructure.com/courses/1874461">https://wsu.instructure.com/courses/1874461</a></p>	
<b>SOE</b>	<b>415</b>	<b>New</b>	<b>--N/A--</b>	<p><b>Antarctica: Human Impacts on a Fragile Environment</b> 3 Interdisciplinary study abroad course offering a rare opportunity to explore the biophysical and human dimensions of Earth's most remote and least understood continent. Enrollment is limited to students who have applied and been accepted through the WSU Study Abroad Program. Independent travel arrangements to and from Ushuaia are required. Typically offered Even Years - Fall.</p> <p>Syllabus:  <a href="https://wsu.instructure.com/courses/1874905">https://wsu.instructure.com/courses/1874905</a></p>	<b>8-26</b>