GRADUATE MAJOR CHANGE BULLETIN NO. 3

Fall 2025

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
CPT S	**541**	**New**	--N/A--	**Computer Vision** 3 Introduction to computer vision covering classical image analysis, fundamental machine learning, and modern deep neural networks, with applications to object detection, segmentation, video understanding, and generative models. Typically offered Fall. Syllabus: https://wsu.instructure.com/courses/1874611	**8-26**
CPT S	**544**	**New**	--N/A--	**Generative AI** 3 Course Prerequisite: CPT S 570. Introduction to the foundations and modern advances of generative artificial intelligence, covering core models such as variational autoencoders, generative adversarial networks, normalizing flows, diffusion models, flow matching, and large language models, with emphasis on theoretical principles, algorithmic design, and real-world applications. Typically offered Spring. Syllabus: https://wsu.instructure.com/courses/1873524	**8-26**
CPT S	**545**	**New**	--N/A--	**AI in the Real World** 3 Course Prerequisite: CPT S 570. Advanced artificial intelligence (AI) tools to solve real-world problems in science, engineering, and industrial domains including both modern AI methods and how to deploy, evaluate, and govern AI systems in practice with an emphasis on case studies and hands-on projects. Typically offered Spring.	**8-26**

				Syllabus: https://wsu.instructure.com/courses/1873481	
ED PSYCH	**525**	**New**	--N/A--	**User Experience Research** 3 An examination of current research methods employed by user experience researchers and how to apply them. Typically offered Even Years - Fall. Syllabus: https://wsu.instructure.com/courses/1837487	**8-26**
ED PSYCH	**526**	**New**	--N/A--	**Advanced Academic Writing - The Literature Review** 3 Course Prerequisite: ED PSYCH 505; ED RES 563. Development of skills in crafting comprehensive, argument-driven literature reviews for educational research. Typically offered Even Years - Fall. Syllabus: https://wsu.instructure.com/courses/1837489	**8-26**
ED PSYCH	**580**	**New**	--N/A--	**Missing Data Analysis** 3 Course Prerequisite: ED RES 565. Classical and novel methods for handling missing data and their applications in broad educational contexts. Recommended preparation: ED PSYCH 569. Typically offered Even Years - Fall. Syllabus: https://wsu.instructure.com/courses/1837474	**8-26**
ED PSYCH	**581**	**New**	--N/A--	**Machine Learning Applications in Education** 3 Course Prerequisite: ED RES 565. Classical and novel machine learning methods and their applications in broad educational contexts. Recommended preparation: ED PSYCH 569. Typically offered Even Years - Spring. Syllabus: https://wsu.instructure.com/courses/1837484	**1-26**
ED PSYCH	**582**	**New**	--N/A--	**Latent Variable Models and Structure Equations** 3 Course Prerequisite: ED RES 565. Classical	**8-26**

				and novel methods in covariance structure analysis and latent variable modeling and their applications in broad educational contexts. Recommended preparation: ED PSYCH 569. Typically offered Even Years - Fall. Syllabus: https://wsu.instructure.com/courses/1837486	
ENTOM	**565**	**New**	--N/A--	**Native Bee Biology and Identification** 3 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. Syllabus: https://wsu.instructure.com/courses/1874763	**1-26**
MUS	**582**	**New**	--N/A--	**Psychology of Music Learning** 2 Psychological foundations of music learning with applications to teaching, performance, and well-being; topics include perception, cognition, brain function, motivation, emotion, and social context. Typically offered Even Years - Fall. Syllabus: https://wsu.instructure.com/courses/1873298	**8-26**
SPEC ED	**531**	**New**	--N/A--	**Self-Determination, Family Involvement, and Independent Living** 3 Course Prerequisite: SPEC ED 503. Independent living, self-determination, and family involvement for transition-age youth with disabilities, including theoretical and applied foundations, and evidence-based, inclusive, and culturally responsive practices and strategies. Typically offered Odd Years - Summer Session. Syllabus: https://wsu.instructure.com/courses/1872400	**5-26**

SPEC ED	532	New	--N/A--	**Career Development and Employment of Individuals with Disabilities** 3 Course Prerequisite: SPEC ED 503. Strategies for supporting transition-age youth with disabilities in career development and employment, including evidence-based methods for improving outcomes. Typically offered Even Years - Summer Session. Syllabus: https://wsu.instructure.com/courses/1868274	**5-26**
SPEC ED	533	New	--N/A--	**College and Postsecondary Education for Students with Disabilities** 3 Course Prerequisite: SPEC ED 503. Effective transition planning focused on college and postsecondary education options for students with disabilities. Typically offered Even Years - Summer Session. Syllabus: https://wsu.instructure.com/courses/1872403	**5-26**