

UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 7

Fall 2022

---COURSES---

The courses listed below reflect the undergraduate and professional major curricular changes approved by the Catalog Subcommittee. The 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. Note: Items marked {S} have been streamlined and do not require Catalog Subcommittee review.

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
DATA	219	New	--N/A--	Data Structures for Data Analytics 3 Course Prerequisite: CPT S 121, CPT S 131, or CS 121. Programming techniques including data structures, sorting and searching, object-oriented design, and an introduction to algorithmic analysis. Typically offered Fall and Spring.	1-23
DATA	301	New	--N/A--	Introduction to R 1 Hands-on knowledge and skills for programming, handling different types of data, data cleaning, and visualization; excellent foundation for courses or projects that involve coding in R. Typically offered Fall and Spring. S, F grading.	1-23
DATA	302	New	--N/A--	Introduction to Python 1 Hands-on knowledge and skills for working with real data and the Python programming language; an excellent foundation for later coursework in the Data Analytics major. Typically offered Fall and Spring. S, F grading.	1-23
DATA	303	New	--N/A--	Introduction to SQL - The Structured Query Language 1 Hands-on knowledge and skills for basic-to-advanced aspects of the SQL system. Typically offered Fall, Spring, and Summer. S, F grading.	1-23

DATA	319	New	--N/A--	Model-based and Data-based Methods for Data Analytics 3 Course Prerequisite: DATA 219; MATH 220 or MATH 225; STAT 360. Modeling methods for data analysis with high dimensional data, including theoretical and practical concerns. Typically offered Fall and Spring.	1-23
FS	202	New	--N/A--	[BSCI] Science on Your Plate - Laboratory 1 Course Prerequisite: FS 201 or current enrollment. Basic processing and analysis of common foods; tour of WSU Creamery and Dairy Farm; how to make cheese, ice cream, yogurt, and kefir. Typically offered Fall.	8-23
HISTORY	285	New	--N/A--	US-Indian Wars 3 Examination of the history of U.S. warfare against Indigenous nations from colonial era to Native American citizenship in 1924. Typically offered Fall.	8-23
HUMANITY	280	New	--N/A--	[ARTS] Quests and Callings 3 Creative expression and critical interpretation of the hero's journey and the pursuit of one's calling across cultures in literature, art, mythology, and film. Typically offered Fall and Spring.	1-23
PHARMEDS	490	New	--N/A--	[CAPS] Senior Seminar: Capstone Experience 3 Course Prerequisite: Admitted to the Pharmaceutical and Medical Sciences BS program. Culminating and integrative experience with senior thesis; discussion of current topics in biomedicine and presentation of senior projects. Typically offered Spring.	8-23
SHS	371	Revise	Language Development 3 Normal development of the cognitive, linguistic, and pragmatic components of language; introduction to language disorders in children.	[M] Language Development 4 Normal development of the cognitive, linguistic, and pragmatic components of language; introduction to language disorders in children.	8-23

SHS	461	Revise	Clinical Methods 2 Course Prerequisite: Concurrent enrollment in SHS 480 or SHS 478. Pre-practicum preparation; observation of and assisting in therapy; state laws; clinical methods.	Clinical Methods 3 Course Prerequisite: Concurrent enrollment in SHS 480 or SHS 478. Pre-practicum preparation; observation of and assisting in therapy; state laws; clinical methods.	8-23
SHS	465	New	--N/A--	Skills Lab 3 Development of skill sets necessary for generalist speech-language pathologists' and audiologists' practice across the broad range of practice areas and client systems including individuals, families, groups, organizations, communities, community groups, legislative groups, and boards.	8-23
SOE	300	Revise	Natural Resource Ecology 3 Ecology as applied to management of natural resource ecosystems; biological diversity, conservation biology, global climate change in natural resource ecology. Field trips required.	[M] Natural Resource Ecology 3 Ecology as applied to management of natural resource ecosystems; biological diversity, conservation biology, global climate change in natural resource ecology. Field trips required.	1-23
SOE	411	Revise	[M] Limnology and Aquatic Ecosystem Management 3 (2-3) Course Prerequisite: BIOLOGY 106; CHEM 101 or 105. Introduction to the science and management of aquatic ecosystems, emphasizing lakes. Typically offered Fall.	[M] Limnology and Aquatic Ecosystem Management 4 (3-3) Course Prerequisite: BIOLOGY 106; CHEM 101 or 105. Introduction to the science and management of aquatic ecosystems, emphasizing lakes. Typically offered Odd Years - Fall.	8-23
SOE	480	Revise	How to Build a Habitable Planet 3 An introduction to the origin and evolution of Earth including the effects of water, CO ₂ , and humans on the planet; exploration of radioactive decay, geochronology, radiogenic and stable isotope geochemistry, and chemical proxies in dynamic systems. Typically offered Spring.	[CAPS] How to Build a Habitable Planet 4 (3-3) An introduction to the origin and evolution of Earth including the effects of water, CO ₂ , and humans on the planet; exploration of radioactive decay, geochronology, radiogenic and stable isotope geochemistry, and chemical proxies in dynamic systems. Typically offered Summer.	1-23

