

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 8
Fall 2019**

---COURSES---

Faculty Senate approved February 20, 2020

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. 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	Current	Proposed	Effective Date
{S} B A	499	New	--N/A--	Special Problems V 1-4 May be repeated for credit. Course Prerequisite: By department permission. Independent study conducted under the jurisdiction of an approving faculty member; may include independent research studies in technical or specialized problems; selection and analysis of specified readings; development of a creative project; or field experiences. S, F grading.	1-20
BIOLOGY	489	New	--N/A--	[CAPS] [M] Synthesis and Communication of Independent Research 3 Course Prerequisite: 2 credits BIOLOGY 499; admitted to major in Biology or Zoology; junior standing; by permission only. Integration of broad topics from biology and other science fields to inform scientific writing and presentation of independent research projects.	8-20
{S} DATA		New	--N/A--	New subject "DATA" for Data Analytics	8-20
<u>DATA</u> /CPT S/ CS/STAT	115	Revise	Introduction to Data Analytics 3 Basic concepts, principles, and tools used in data analytics. (Crosslisted course offered as CPT S 115, CS 115, STAT 115).	Introduction to Data Analytics 3 Basic concepts, principles, and tools used in data analytics. (<u>Formerly crosslisted as CPT S 115, CS 115, STAT 115</u>).	8-20
<u>DATA</u> /CPT S/ CS/STAT	424	Revise	[CAPS] [M] Data Analytics Capstone 3 Course Prerequisite: CPT S/CS 315; STAT 360; STAT 436 or concurrent	[CAPS] [M] Data Analytics Capstone 3 Course Prerequisite: CPT S/CS 315; STAT 360; STAT 436 or concurrent enrollment;	8-20

			enrollment; CPT S 451/CS 351 or concurrent enrollment; certified major in Data Analytics; junior standing. Team-based project that integrates the main aspects of data analytics. (Crosslisted course offered as CPT S 424, CS 424, STAT 424).	CPT S 451/CS 351 or concurrent enrollment; <u>admitted to the major in</u> Data Analytics; junior standing. Team-based project that integrates the main aspects of data analytics. (<u>Formerly crosslisted as CPT S 424, CS 424, STAT 424</u>).	
DTC	204	New	N/A	Introduction to Text Analysis 3 Introduction to computational and statistical text analysis using the open source programming language R; designed for students with no prior experience with programming but who wish to extend their methodological tool kit to include quantitative and computational approaches to the study of text. Typically offered: Fall, Spring, and Summer.	8-20
DTC	209	New	--N/A--	Introduction to Data Visualization 3 An introduction to the tools and methods of data visualization in multiple contexts. Typically offered Fall.	8-20
LND ARCH	150	New	--N/A--	[HUM] Landscapes of the Palouse 3 Explorations of relationships between people and place in the Palouse landscape and connections between local and global issues; includes community engagement component.	8-20
PHYSICS	322	New	--N/A--	[PSCI] Sound Waves and Music 4 (3-3) Course Prerequisite: MATH 103 or higher with a C or better or a minimum ALEKS math placement score of 45%. Multi-disciplinary introduction to the acoustics of musical sound with a hands-on approach, including human hearing and perception. Typically offered Fall.	8-20
SCIENCE/ BIOLOGY /MBIOS	210	Revise	Your Future in Life Sciences 2 Exploration of career options in biological sciences with faculty and outside speakers; guide to	Your Future in Life Sciences 2 Exploration of career options in biological sciences with faculty and outside speakers; guide to	8-20

			preparing resume and career plans. (Crosslisted course offered as SCIENCE 210, BIOLOGY 210, MBIOS 210). S, F grading.	preparing resume and career plans. (Crosslisted course offered as SCIENCE 210, BIOLOGY 210).	
SOC	311	New	--N/A--	Visual Presentation and Data Management in Social Science 3 Investigate and communicate with social science data; techniques of visual data display using Excel and other tools. Typically offered Spring.	8-20
TCH LRN	417	Revise	Coding for Teachers 3 Course Prerequisite: TCH LRN 445 or 466. Elements of coding and programming for elementary and secondary classrooms.	Coding for Teachers 3 Course Prerequisite: TCH LRN 445 or 466. Elements of coding and programming for elementary and secondary classrooms. <u>Credit not granted for both TCH LRN 417 and 517. Offered at 400 and 500 level. Typically offered Fall.</u>	8-20