

MEMORANDUM

Faculty Senate approved September 20, 2018

TO: Deans and Chairs
 FROM: Becky Bitter, Sr. Assistant Registrar
 DATE: September 11, 2018
 SUBJECT: Minor Change Bulletin No. 2

The courses listed below reflect the minor curricular changes approved by the catalog editor since approval of the last Minor Change Bulletin. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	Revise Drop	Current	Proposed	Effective Date
BIOLOGY	402	Revise	[M] Beneficial Microbes in Nature and Society 3 Course Prerequisite: BIOLOGY 106; BIOLOGY 107; BIOLOGY 372 or BIOLOGY 403 AND 405; junior standing. In-depth investigations of interdisciplinary topics addressing the importance of beneficial microbes to organisms, natural systems, and society from across the disciplines of microbiology, medicine, evolutionary ecology, and agricultural science. Typically offered Odd Years - Spring.	[M] Beneficial Microbes in Nature and Society 3 Course Prerequisite: BIOLOGY 372, 403, or 405; junior standing. In-depth investigations of interdisciplinary topics addressing the importance of beneficial microbes to organisms, natural systems, and society from across the disciplines of microbiology, medicine, evolutionary ecology, and agricultural science. Typically offered Odd Years - Spring.	1-19
BIOLOGY / MBIOS / TCH LRN	430 /480 /430	Revise	Methods of Teaching Secondary Science I 3 Course Prerequisite: Junior standing. Application of learning and theory and philosophy and structure of science in teaching middle and secondary school science courses. (Crosslisted course offered as BIOLOGY 430, TCH LRN 430). Typically offered Fall.	Methods of Teaching Secondary Science I 3 Course Prerequisite: Junior standing. Application of learning and theory and philosophy and structure of science in teaching middle and secondary school science courses. (Crosslisted course offered as BIOLOGY 430, <u>MBIOS 480</u> , TCH LRN 430). Typically offered Fall.	1-19

BIOLOGY / MBIOS / TCH LRN	431/ 481 / 431	Revise	Methods of Teaching Secondary Science II 3 Course Prerequisite: BIOLOGY/TCH LRN 430; junior standing. Integration of assessment, curricular, and technological tools into instruction that aligns with learning theory and the philosophy/structure of science. (Crosslisted course offered as BIOLOGY 431, TCH LRN 431). Typically offered Spring.	Methods of Teaching Secondary Science II 3 Course Prerequisite: BIOLOGY 430, MBIOS 480, or TCH LRN 430; junior standing. Integration of assessment, curricular, and technological tools into instruction that aligns with learning theory and the philosophy/structure of science. (Crosslisted course offered as BIOLOGY 431, MBIOS 481, TCH LRN 431). Typically offered Spring.	1-19
BIOLOGY	485	Revise	[CAPS] Biology of the Oceans 3 Course Prerequisite: BIOLOGY 322 or 410; certified major in Biology or Zoology ; junior standing. Interdisciplinary capstone course that explores the ocean world from molecules to ecosystems in the context of scientific discovery and society.	[CAPS] Biology of the Oceans 3 Course Prerequisite: BIOLOGY 106; junior standing. Interdisciplinary capstone course that explores the ocean world from molecules to ecosystems in the context of scientific discovery and society.	1-19
CHEM	101	Correction	[PSCI] Introduction to Chemistry 4 (3-3) Course Prerequisite: MATH 103, or a minimum ALEKS math placement score of 45%, or concurrent enrollment in or credit for MATH 105, 106, 107, 108, 140, 171, 172, 182, 201, 202, ENGR 107, STAT 205 or 212. Atomic and molecular structure, elementary organic nomenclature and reactions, quantitative relationships, periodicity, states of matter, solutions, acids, bases, pH, equilibrium, applications to life sciences. Not recommended as preparation for CHEM 105. Typically offered Fall, Spring, and Summer.	[PSCI] Introduction to Chemistry 4 (3-3) Course Prerequisite: MATH 103, or a minimum ALEKS math placement score of 45%, or credit for <u>or concurrent enrollment in</u> MATH 105, 106, 107, 108, 140, 171, 172, 182, 201, 202, ENGR 107, STAT 205 or 212. Atomic and molecular structure, elementary organic nomenclature and reactions, quantitative relationships, periodicity, states of matter, solutions, acids, bases, pH, equilibrium, applications to life sciences. Not recommended as preparation for CHEM 105. Typically	8-18

				offered Fall, Spring, and Summer.	
CHEM	106	Correction	Principles of Chemistry II 4 (3-3) Course Prerequisite: CHEM 105 with a grade of C or better; one of MATH 106, 107, or 108 with a grade of C or better, or concurrent enrollment in MATH 108 or concurrent enrollment, or a minimum ALEKS math placement score of 80%. Intermolecular forces, solutions, kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, radiochemistry. Credit not granted for both CHEM 106 and 116. Typically offered Fall, Spring, and Summer.	Principles of Chemistry II 4 (3-3) Course Prerequisite: CHEM 105 with a grade of C or better; one of MATH 106, 107, or 108 with a grade of C or better, or concurrent enrollment in MATH 108 or concurrent enrollment , or a minimum ALEKS math placement score of 80%. Intermolecular forces, solutions, kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, radiochemistry. Credit not granted for both CHEM 106 and 116. Typically offered Fall, Spring, and Summer.	8-18
ECONS	329	Revise	The Economics of Gaming 3 Course Prerequisite: ECONS 101 or 102; minimum ALEKS math placement score of 45%. Exploration of the critical role that economics plays in the design, development, and success of modern electronic games. Typically offered Spring.	The Economics of Gaming 3 Course Prerequisite: ECONS 101, 102, <u>198</u> , or minimum ALEKS math placement score of 45%. Exploration of the critical role that economics plays in the design, development, and success of modern electronic games. Typically offered Spring.	1-19
ECONS	428	Revise	[DIVR] Global Capitalism Today: Perspectives and Issues 3 Course Prerequisite: ECONS 101 or 102. Logic and consequences of capitalism as global system; multinational corporations; underdevelopment and overdevelopment; external debt, population, and environmental crisis.	[DIVR] Global Capitalism Today: Perspectives and Issues 3 Course Prerequisite: ECONS 101, 102, <u>or 198</u> . Logic and consequences of capitalism as global system; multinational corporations; underdevelopment and overdevelopment; external debt, population, and environmental crisis. Typically offered Fall.	8-19
NEP	585	Revise	Clinical Exercise Physiology 4 Exercise and nutrition	Clinical Exercise Physiology <u>3</u> Exercise and nutrition	1-19

			assessment/prescription and program management in rehabilitation for populations in various disease states.	assessment/prescription and program management in rehabilitation for populations in various disease states.	
NEUROSCI / VET PH	590	Revise	Seminar 1 May be repeated for credit; cumulative maximum 7 hours. Presented by advanced graduate students and faculty (both in INP and around WSU) on their research areas. Typically offered Fall and Spring. S, F grading.	Seminar 1 May be repeated for credit; cumulative maximum 7 hours. Presented by advanced graduate students and faculty (both in INP and around WSU) on their research areas. (<u>Crosslisted course offered as NEUROSCI 590, VET PH 590.</u>) Typically offered Fall and Spring. S, F grading.	8-18
VET MICR	535	Drop	Advanced Readings in Veterinary Microbiology 1 May be repeated for credit. Course Prerequisite: Admission to the MS or PhD in Veterinary Science program. Supervised reading program which peruses publications of intermediate technical difficulty and advanced textbooks. Typically offered Fall, Spring, and Summer.	--N/A--	1-19
VET PATH	525	Drop	Introductory Readings in Veterinary Pathology 1 (0-3) May be repeated for credit; cumulative maximum 2 hours. Supervised introductory readings of publications, books, and research proposals. Typically offered Fall and Spring.	--N/A--	1-19