M E M O R A N D U M

Faculty Senate approved March 26, 2020

TO: Deans and Chairs

FROM: Becky Bitter, Sr. Assistant Registrar

DATE: March 18, 2020

SUBJECT: Minor Change Bulletin No. 10

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 / WOMEN ST	**307**	**Revise**	**[DIVR] Biology of Women** 3 Course Prerequisite: BIOLOGY 102 or 106; junior standing. Biological basis of sex and its relationship to body function, women and health care, and the impact of social and cultural perspectives on the experience of being female. Typically offered Spring.	**[DIVR] Biology of Women** 3 Course Prerequisite: BIOLOGY 102 or 106; junior standing. Biological basis of sex and its relationship to body function, women and health care, and the impact of social and cultural perspectives on the experience of being female. (Crosslisted course offered as BIOLOGY 307, WOMEN ST 307). Typically offered Spring.	**5-20**
ED AD	**518**	**Drop**	**Media Literacy and Educational Technology** 3 Relates research and theory of media literacy to instructional resources and current leadership practices; problems of planning and administering programs.	**--N/A--**	**8-20**
ED AD	**537**	**Drop**	**Advanced Qualitative Research in Education** 3 Course Prerequisite: ED RES 564 or ED AD 536. Advanced theory and methods of qualitative research; theoretical foundations, data collection and analysis, and reporting. Typically offered Spring.	**--N/A--**	**8-20**

ED AD	**538**	**Drop**	**Special Topics in Qualitative Research in Education** V 1-3 May be repeated for credit; cumulative maximum 6 hours. Course Prerequisite: ED RES 564 or ED AD 536.	**--N/A--**	**8-20**
ED AD	**560**	**Drop**	**Student Personnel Services in Higher Education** V 2-3 Philosophy, structure, functions, and organization of student affairs administration. Typically offered Fall.	**--N/A--**	**8-20**
ED AD	**562**	**Drop**	**Professional Issues in Student Affairs Administration** 3 Course Prerequisite: ED AD 560; ED AD 561. The organization, programs and professional issues related to selected student affairs programs and units. Typically offered Spring.	**--N/A--**	**8-20**
ED AD	**563**	**Drop**	**Research in College Student Development** 3 Course Prerequisite: ED AD 561; admission to EdD program. Critique, understand, and apply college social identity models as they relate to teaching, advising, and working with diverse student populations. Typically offered Spring.	**--N/A--**	**8-20**
ED AD	**565**	**Drop**	**Practicum in Higher Education** 3 (0-9) Course Prerequisite: Graduate student with 15 hours of completed course work in TCH LRN, ED AD, ED PSYCH, or ED RES courses. Selected supervised experiences in general higher education and student affairs settings provide for the investigation/application of theory/methods gained through formal course work. Typically offered Fall and Spring.	**--N/A--**	**8-20**
ED AD	**567**	**Drop**	**Diversity in Higher Education** 3 Reflection on experience and examination of	**--N/A--**	**8-20**

			the theory of practice or organizational leadership in the context of diversity.		
ED AD	**568**	**Drop**	**Finance and Budgeting in Higher Education** 3 Course Prerequisite: By instructor permission. Exposes students to the fundamentals of higher education budgeting and finance. Typically offered Fall and Spring.	**--N/A--**	**8-20**
ED AD	**570**	**Drop**	**Community and Technical Colleges** 3 For teachers and administrators. Development and function of community and technical colleges. Typically offered Spring.	**--N/A--**	**8-20**
ED AD	**571**	**Drop**	**College Teaching** 3 Concepts, principles, issues, and procedures in college curriculum development, and college teaching. Typically offered Spring.	**--N/A--**	**8-20**
ED AD	**572**	**Drop**	**History of Higher Education** 3 History, philosophy, objectives, and issues of colleges and universities as social institutions. Typically offered Fall.	**--N/A--**	**8-20**
ED AD	**573**	**Drop**	**Issues in Higher Education** 3 Selected contemporary issues in higher education.	**--N/A--**	**8-20**
ED AD	**578**	**Drop**	**Higher Education Law and Ethics** 3 Legal and ethical aspects of higher education with special reference to administrators, faculty, and students in higher education institutions. Typically offered Spring.	**--N/A--**	**8-20**
ED AD	**579**	**Drop**	**Administration of Higher Education** 3 Organization, administration and leadership of universities, colleges, and community colleges. Typically offered Spring.	**--N/A--**	**8-20**

ENGLISH / HUMANITY	**205**	**Revise**	**[HUM] Introduction to Shakespeare** 3 Shakespeare plays with emphasis on stage productions and film adaptations in various cultural contexts. Typically offered Fall and Spring.	**[HUM] Introduction to Shakespeare** 3 Shakespeare plays with emphasis on stage productions and film adaptations in various cultural contexts. (Crosslisted course offered as ENGLISH 205, HUMANITY 205). Typically offered Fall and Spring.	**8-20**
ENGLISH / WOMEN ST	**260**	**Revise**	**Rhetoric and Gender** 3 Historical survey of women writers whose contributions distinguish them as rhetoricians of their time. Typically offered Spring.	**Rhetoric and Gender** 3 Historical survey of women writers whose contributions distinguish them as rhetoricians of their time. (Crosslisted course offered as ENGLISH 260, WOMEN ST 260). Typically offered Spring.	**8-20**
FS	**430 /530**	**Revise**	**Dairy ~~Products~~ Lab** 1 (0-3) Course Prerequisite: FS 429 or concurrent enrollment. Hands-on ~~skills formulating,~~ processing~~, evaluating and analyzing~~ dairy products ~~using communication and critical thinking skills~~. Offered at 400 and 500 level. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	**Dairy Processing Lab** 1 (0-3) Course Prerequisite: FS 429 or concurrent enrollment. Hands-on training in processing of various dairy products (e.g., fluid milk, butter, ice cream, cheese, and yogurt); milk pick-up and raw milk quality; cleaning and sanitation of dairy plants. Credit not granted for both FS 430 and FS 530. Offered at 400 and 500 level. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	**8-20**
KINES / ATH T	**305**	**Revise**	**Nutrition Related to Fitness and Sport** 3 Course Prerequisite: BIOLOGY 140 with a C or better, or 333 with a C or better; admitted to the major in ~~Sport Science~~ or Sports Medicine. Current and evidence-based knowledge regarding the application and compliance of sound nutritional and diet considerations within special active populations. (Crosslisted course offered as KINES 305, ATH T 305.)	**Nutrition Related to Fitness and Sport** 3 Course Prerequisite: BIOLOGY 140 with a C or better, or 333 with a C or better; admitted to the major in Kinesiology or Sports Medicine. Current and evidence-based knowledge regarding the application and compliance of sound nutritional and diet considerations within special active populations. (Crosslisted course offered as KINES 305, ATH T 305.)	**8-20**
KINES	**311**	**Revise**	**Strength Training** 3 Course Prerequisite: BIOLOGY 315	**Strength Training** 3 Course Prerequisite: BIOLOGY 315	**8-20**

			with a C or better, or KINES 262 with a C or better; KINES 264 with a C or better; admitted to the major in ~~Sport Science~~ or Sports Medicine. Basic information and guidelines for enhancement of athletic performance, injury prevention, rehabilitation and general fitness.	with a C or better, or KINES 262 with a C or better; KINES 264 with a C or better; admitted to the major in Kinesiology or Sports Medicine. Basic information and guidelines for enhancement of athletic performance, injury prevention, rehabilitation and general fitness.	
KINES	**313**	**Revise**	**Psychological Aspects of Physical Movement** 3 Course Prerequisite: PSYCH 105 with a C or better, or SOC 101 with a C or better; admitted to the major in ~~Sport Science~~ or Sports Medicine. Social and psychological factors related to participation and performance in physical activity (e.g., sport, exercise, recreation, rehabilitation).	**Psychological Aspects of Physical Movement** 3 Course Prerequisite: PSYCH 105 with a C or better, or SOC 101 with a C or better; admitted to the major in Kinesiology or Sports Medicine. Social and psychological factors related to participation and performance in physical activity (e.g., sport, exercise, recreation, rehabilitation).	**8-20**
KINES	**361**	**Revise**	**Health and Wellness** 3 Course Prerequisite: Admitted to the major in ~~Sport Science~~ or Sports Medicine. Knowledge of the multi-dimensional aspects of wellness and concepts necessary for a positive lifestyle through self-assessment.	**Health and Wellness** 3 Course Prerequisite: Admitted to the major in Kinesiology or Sports Medicine. Knowledge of the multi-dimensional aspects of wellness and concepts necessary for a positive lifestyle through self-assessment.	**8-20**
KINES	**362**	**Revise**	**Qualitative Biomechanics** 3 Course Prerequisite: C or better in BIOLOGY 315 or KINES 262; admitted to the major in ~~Sport Science~~ or Sports Medicine. Qualitative analysis of human movement in everyday activities; introduction to physics principles and how they contribute to functional movements.	**Qualitative Biomechanics** 3 Course Prerequisite: C or better in BIOLOGY 315 or KINES 262; admitted to the major in Kinesiology or Sports Medicine. Qualitative analysis of human movement in everyday activities; introduction to physics principles and how they contribute to functional movements.	**8-20**
KINES	**380**	**Revise**	**Introduction to Exercise Physiology** 3 Course Prerequisite: BIOLOGY 251 with a C or better; admitted to the major in ~~Sport Science~~ or	**Introduction to Exercise Physiology** 3 Course Prerequisite: BIOLOGY 251 with a C or better; admitted to the major in Kinesiology or	**8-20**

			Sports Medicine. Introduction to exercise physiology as it relates to sport, physical training, and performance.	Sports Medicine. Introduction to exercise physiology as it relates to sport, physical training, and performance.	
KINES	**390**	**Revise**	~~**Sport Science**~~ **Practicum or Research** V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Course Prerequisite: KINES 264 with a C or better; admitted to the major in ~~Sport Science.~~ Supervised practicum or research. S, F grading.	**Kinesiology Practicum or Research** V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Course Prerequisite: KINES 264 with a C or better; admitted to the major in Kinesiology. Supervised practicum or research. S, F grading.	**8-20**
KINES	**461**	**Revise**	**[M] Motor Learning and Control** 3 Course Prerequisite: BIOLOGY 251 with a C or better; BIOLOGY 315 with a C or better, or KINES 262 with a C or better; admitted to the major in ~~Sport Science~~ or Sports Medicine; completion of writing portfolio. Motor learning and motor control areas; neural mechanisms, practice, feedback, retention, and transfer application of theoretical concepts.	**[M] Motor Learning and Control** 3 Course Prerequisite: BIOLOGY 251 with a C or better; BIOLOGY 315 with a C or better, or KINES 262 with a C or better; admitted to the major in Kinesiology or Sports Medicine; completion of writing portfolio. Motor learning and motor control areas; neural mechanisms, practice, feedback, retention, and transfer application of theoretical concepts.	**8-20**
KINES	**484**	**Revise**	**[CAPS] Exercise Prescription and Medical Conditions** 3 Course Prerequisite: BIOLOGY 251 with a C or better; BIOLOGY 315 with a C or better, or KINES 262 with a C or better; admitted to the major in ~~Sport Science~~ or Sports Medicine; junior standing. An integrated culmination of the knowledge, understanding, and skills for teaching movement activities to individuals with medical conditions.	**[CAPS] Exercise Prescription and Medical Conditions** 3 Course Prerequisite: BIOLOGY 251 with a C or better; BIOLOGY 315 with a C or better, or KINES 262 with a C or better; admitted to the major in Kinesiology or Sports Medicine; junior standing. An integrated culmination of the knowledge, understanding, and skills for teaching movement activities to individuals with medical conditions.	**8-20**
KINES	**485**	**Revise**	**Kinesiology Internship** V 10-12 Course Prerequisite: Admitted to the major in ~~Sport Science;~~ completed with a C or better all course work for the	**Kinesiology Internship** V 10-12 Course Prerequisite: Admitted to the major in Kinesiology; completed with a C or better all course work for	**8-20**

			~~Sport Science~~ major; completion of all UCORE requirements. Supervised practicum in fitness or health agency or business. KINES 485 cannot be taken concurrently with other coursework. Students must comply with all internship policies and procedures. S, F grading.	the Kinesiology major; completion of all UCORE requirements. Supervised practicum in fitness or health agency or business. KINES 485 cannot be taken concurrently with other coursework. Students must comply with all internship policies and procedures. S, F grading.	
MSE / ME / MATSE	**513**	**Revise**	**~~Crystal~~ Plasticity** 3 ~~Dislocation theory; slip; climb; mechanical properties of polycrystalline materials and application to important deformation processes.~~ (Crosslisted course offered as MSE 513, ME 513, MATSE 513). Typically offered Fall. Cooperative: Open to UI degree-seeking students.	**Theory of Plasticity and its Physical Foundations** 3 Phenomenological plasticity and viscoplasticity of polycrystalline metals and alloys, polymers and granular media; deformation mechanisms; dislocation mechanics and interactions; dislocation motion; slip and climb; crystal plasticity; size effects and gradient models. (Crosslisted course offered as MSE 513, ME 513, MATSE 513). Typically offered Spring. Cooperative: Open to UI degree-seeking students.	**8-20**
ME / MSE	**531**	**Revise**	**Theory of Plasticity** 3 The fundamentals of the theory of plasticity; the classical theory of plasticity; the classical theory and modern continuum theories of large elasto-plastic deformations. (Crosslisted course offered as ME 531, MSE 531). Typically offered Spring. Cooperative: Open to UI degree-seeking students.	**--N/A--**	**8-20**
MED CLIN	**541**	**Revise**	**Clinical Rotation in Imaging/Radiology 4** Course Prerequisite: MED CLIN 524. Medical imaging modalities and imaging-guided treatments, including patient preparation, risks, costs, and accuracies. H, S, F grading.	**Clinical Rotation in Imaging/Radiology** V 2-4 Course Prerequisite: MED CLIN 524. Medical imaging modalities and imaging-guided treatments, including patient preparation, risks, costs, and accuracies. H, S, F grading.	**1-20**
MED CLIN	**542**	**Revise**	**Clinical Rotation in Dermatology 4** Course	**Clinical Rotation in Dermatology** V 2-4 Course	**1-20**

			Prerequisite: MED CLIN 524. Disorders of the skin, mucous membranes, hair, and nails, including common skin problems such as acne, atopic dermatitis, contact dermatitis, psoriasis, cutaneous infections, benign skin lesions, and malignant lesions. H, S, F grading.	Prerequisite: MED CLIN 524. Disorders of the skin, mucous membranes, hair, and nails, including common skin problems such as acne, atopic dermatitis, contact dermatitis, psoriasis, cutaneous infections, benign skin lesions, and malignant lesions. H, S, F grading.	
MED CLIN	**543**	**Revise**	**Clinical Rotation in Physical Medicine and Rehabilitation 4** Course Prerequisite: MED CLIN 524. Diagnosis and treatment of patients with acute or chronic pathology of the neuromusculoskeletal systems. H, S, F grading.	**Clinical Rotation in Physical Medicine and Rehabilitation** V 2-4 Course Prerequisite: MED CLIN 524. Diagnosis and treatment of patients with acute or chronic pathology of the neuromusculoskeletal systems. H, S, F grading.	**1-20**
MED CLIN	**551**	**Revise**	**Clinical Rotation in Pathology 4** Course Prerequisite: MED CLIN 524. Anatomic and clinical pathology including surgical pathology, cytopathology, hematopathology, and laboratory medicine. H, S, F grading.	**Clinical Rotation in Pathology** V 2-4 Course Prerequisite: MED CLIN 524. Anatomic and clinical pathology including surgical pathology, cytopathology, hematopathology, and laboratory medicine. H, S, F grading.	**1-20**
MED CLIN	**553**	**Revise**	**Clinical Rotation in a Pediatric Sub-Specialty 4** May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: MED CLIN 524. Identifying and caring for pediatric patients in need of sub-specialty care, with emphasis on medications and interventions. H, S, F grading.	**Clinical Rotation in a Pediatric Sub-Specialty** V 2-4 May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: MED CLIN 524. Identifying and caring for pediatric patients in need of sub-specialty care, with emphasis on medications and interventions. H, S, F grading.	**1-20**
MED CLIN	**598**	**Revise**	**Research Experience in Medicine 4** May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: By department permission. In-depth research experience including data-gathering, statistical analyses, and writing research results in preparation for publication. H, S, F grading.	**Research Experience in Medicine** V 2-4 May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: By department permission. In-depth research experience including data-gathering, statistical analyses, and writing research results in preparation for publication. H, S, F grading.	**1-20**

MED CLIN	**599**	**Revise**	**Special Projects 4** May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: By department permission. Laboratory research, clinical research, or comprehensive review of selected subjects. H, S, F grading.	**Special Projects** V 2-4 May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: By department permission. Laboratory research, clinical research, or comprehensive review of selected subjects. H, S, F grading.	**1-20**
MUS	**437 / 537**	**Revise**	**[ARTS] Wind ~~Symphony~~** 1 (0-4) May be repeated for credit. Course Prerequisite: By audition only; see http://libarts.wsu.edu/music/audition/index.htm for details. Large ensemble; public performances each semester. Credit not granted for both MUS 437 and MUS 537. Offered at 400 and 500 level. Typically offered Fall and Spring.	**[ARTS] Symphonic Wind Ensemble** 1 (0-4) May be repeated for credit. Course Prerequisite: By audition only; see http://libarts.wsu.edu/music/audition/index.htm for details. Large ensemble; public performances each semester. Credit not granted for both MUS 437 and MUS 537. Offered at 400 and 500 level. Typically offered Fall and Spring.	**8-20**
NURS	**465**	**Revise**	**~~Nursing Practice: Community and Psychiatric Mental~~ Health** 3 (0-9) Course Prerequisite: NURS 462 or concurrent enrollment; NURS 440 or concurrent enrollment. Application of community ~~health~~, public ~~health~~, and psychiatric/mental health nursing concepts to ~~individuals, families, and~~ communities with identified health needs. Typically offered Spring and Summer.	**Application of Population Health Principles** 3 (0-9) Course Prerequisite: NURS 462 or concurrent enrollment; NURS 440 or concurrent enrollment. Application of community, public, and psychiatric mental health nursing concepts to communities, populations, groups, families, and individuals with identified health needs. Typically offered Spring and Summer.	**8-20**
PHYSICS	**101**	**Revise**	**[PSCI] General Physics** 4 (3-3) Course Prerequisite: MATH 107 or 108 with a grade of C or better, a minimum ALEKS math placement score 75%, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in mechanics, wave phenomena, temperature, and heat; oriented toward non-physical science	**[PSCI] General Physics** 4 (3-3) Course Prerequisite: MATH 107 or 108 with a grade of C or better, a minimum ALEKS math placement score 75%, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in mechanics, wave phenomena, temperature, and heat; oriented	**8-20**

			majors. ~~Credit not granted for more than one of PHYSICS 101, 201, or 205.~~	toward non-physical science majors.	
PHYSICS	**102**	**Revise**	**[PSCI] General Physics** 4 (3-3) Course Prerequisite: PHYSICS 101 with a grade of C or better; MATH 107 or 108 with a grade of C or better, a minimum ALEKS math placement score 75%, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in electricity, magnetism, optical phenomena, relativity, and quantum theory; oriented toward non-physical science majors. ~~Credit not granted for more than one of PHYSICS 102, 202, or 206.~~	**[PSCI] General Physics** 4 (3-3) Course Prerequisite: PHYSICS 101 with a grade of C or better; MATH 107 or 108 with a grade of C or better, a minimum ALEKS math placement score 75%, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in electricity, magnetism, optical phenomena, relativity, and quantum theory; oriented toward non-physical science majors.	**8-20**
PHYSICS	**201**	**Revise**	**[PSCI] Physics for Scientists and Engineers I** 4 (3-3) Course Prerequisite: MATH 171 with a C or better, MATH 172 or concurrent enrollment, MATH 182 or concurrent enrollment, MATH 273 or concurrent enrollment, or MATH 315 or concurrent enrollment. Calculus-based physics; topics in motion and dynamics of particles and rigid bodies, vibrations, wave phenomena, and the laws of thermodynamics. ~~Credit not granted for more than one of PHYSICS 101, 201, or 205.~~	**[PSCI] Physics for Scientists and Engineers I** 4 (3-3) Course Prerequisite: MATH 171 with a C or better, MATH 172 or concurrent enrollment, MATH 182 or concurrent enrollment, MATH 273 or concurrent enrollment, or MATH 315 or concurrent enrollment. Calculus-based physics; topics in motion and dynamics of particles and rigid bodies, vibrations, wave phenomena, and the laws of thermodynamics.	**8-20**
PHYSICS	**202**	**Revise**	**[PSCI] Physics for Scientists and Engineers II** 4 (3-3) Course Prerequisite: PHYSICS 201 with a C or better or PHYSICS 205 with a C or better; MATH 172 with a C or better or MATH 182 with a C or better. Calculus-based physics, topics in electricity, magnetism, electromagnetics, D/C and A/C circuits, optics,	**[PSCI] Physics for Scientists and Engineers II** 4 (3-3) Course Prerequisite: PHYSICS 201 with a C or better or PHYSICS 205 with a C or better; MATH 172 with a C or better or MATH 182 with a C or better. Calculus-based physics, topics in electricity, magnetism, electromagnetics, D/C and A/C circuits, optics,	**8-20**

			reflection, refraction, interference, diffraction, polarization. ~~Credit not granted for more than one of PHYSICS 102, 202, or 206.~~	reflection, refraction, interference, diffraction, polarization.	
PHYSICS	**205**	**Revise**	**[PSCI] Physics for Scientists and Engineers I - Honors** 5 (3-5) Course Prerequisite: MATH 171 with a C or better, MATH 172 or concurrent enrollment, MATH 182 or concurrent enrollment, MATH 273 or concurrent enrollment, or MATH 315 or concurrent enrollment. Calculus-based physics, honors section; mechanics, sound, and thermodynamics. ~~Credit not granted for more than one of PHYSICS 101, 201, or 205.~~	**[PSCI] Physics for Scientists and Engineers I - Honors** 5 (3-5) Course Prerequisite: MATH 171 with a C or better, MATH 172 or concurrent enrollment, MATH 182 or concurrent enrollment, MATH 273 or concurrent enrollment, or MATH 315 or concurrent enrollment. Calculus-based physics, honors section; mechanics, sound, and thermodynamics.	**8-20**
PHYSICS	**206**	**Revise**	**[PSCI] Physics for Scientists and Engineers II - Honors** 5 (3-5) Course Prerequisite: PHYSICS 201 with a C or better or PHYSICS 205 with a C or better; MATH 172 with a C or better or MATH 182 with a C or better. Calculus-based physics, honors section; electricity, magnetism, light, topics in modern physics. ~~Credit not granted for more than one of PHYSICS 102, 202, or 206.~~	**[PSCI] Physics for Scientists and Engineers II - Honors** 5 (3-5) Course Prerequisite: PHYSICS 201 with a C or better or PHYSICS 205 with a C or better; MATH 172 with a C or better or MATH 182 with a C or better. Calculus-based physics, honors section; electricity, magnetism, light, topics in modern physics.	**8-20**
SHS	**576**	**Revise**	**Voice Disorders** 2 Functional and organic voice disorders resulting from various etiologies. SHS graduate student; all undergraduate prerequisite courses completed.	**Voice <u>and Resonance</u> Disorders** 2 Functional and organic voice disorders resulting from various etiologies. SHS graduate student; all undergraduate prerequisite courses completed.	**1-21**