

## MEMORANDUM

Faculty Senate approved February 22, 2018

TO: Deans and Chairs  
 FROM: Becky Bitter, Sr. Assistant Registrar  
 DATE: February 14, 2017  
 SUBJECT: Minor Change Bulletin No. 8

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
<b>CROP SCI / HORT / PLP</b>	<b>545</b>	<b>Revise</b>	<b>Statistical Genomics 3 (2-3)</b> Develop concepts and analytical skills for modern breeding by using Genome-Wide Association Study and genomic prediction in framework of mixed linear models and Bayesian approaches. Recommended preparation: BIOLOGY 474; MBIOS 478. Typically offered Spring.	<b>Statistical Genomics 3 (2-3)</b> Develop concepts and analytical skills for modern breeding by using Genome-Wide Association Study and genomic prediction in framework of mixed linear models and Bayesian approaches. (Crosslisted course offered as <u>CROP SCI 545, HORT 545, PL P 545.</u> ) Recommended preparation: BIOLOGY 474; MBIOS 478. Typically offered Spring.	<b>8-18</b>
<b>NEP</b>	<b>362</b>	<b>Revise</b>	<b>Biomechanical Analysis 3</b> Applied sport, clinical and occupational biomechanics.	<b>Biomechanical Analysis 3 Course</b> <u>Prerequisite: Certified major in Nutrition and Exercise Physiology.</u> Applied sport, clinical and occupational biomechanics.	<b>8-18</b>
<b>NEP</b>	<b>427</b>	<b>Revise</b>	<b>[M] Nutritional Assessment and Lifestyle Counseling 3 (2-3)</b> Course Prerequisite: <del>Certified major in nutrition and exercise physiology, or admitted to the Master of Science in Coordinated Program in Dietetics,</del> Nutrition; and Exercise Physiology. Basic skills and concepts of nutrition assessment and lifestyle counseling of ambulatory adults using dietary intakes, menu planning and communication skills. Typically offered Spring.	<b>[M] Nutritional Assessment and Lifestyle Counseling 3 (2-3)</b> Course Prerequisite: <u>Concurrent enrollment required in NEP 402 and NEP 435; NEP 340; NEP 400;</u> certified major in Nutrition and Exercise Physiology . Basic skills and concepts of nutrition assessment and lifestyle counseling of ambulatory adults using dietary intakes, menu planning and communication skills. Typically offered Spring.	<b>8-18</b>

NEP	450	Revise	<b>Management and Facilities 3</b> Course Prerequisite: Certified major in <del>nutrition and exercise physiology, or admitted to the Master of Science in Coordinated Program in Dietetics</del> , Nutrition, and Exercise Physiology. Essential skills and guidelines for those in the health facility industry in establishing and maintaining a safe and proper facility.	<b>Management and Facilities 3</b> Course Prerequisite: Certified major in Nutrition and Exercise Physiology. Essential skills and guidelines for those in the health facility industry in establishing and maintaining a safe and proper facility.	8-18
NEP	458	Revise	<b>Nutrition and Exercise Throughout the Life Cycle 3</b> Physical activity relating to nutritional needs and dietary patterns from infancy through old age and including maternal nutrition.	<b>Nutrition and Exercise Throughout the Life Cycle 3</b> Course Prerequisite: NEP 400; <u>NEP 402; NEP 435; certified major in Nutrition and Exercise Physiology</u> . Physical activity relating to nutritional needs and dietary patterns from infancy through old age and including maternal nutrition.	8-18
NEP	463	Revise	<b>Exercise Physiology 4 (3-3)</b> Course Prerequisite: Certified major in <del>nutrition and exercise physiology, or admitted to the Master of Science in Coordinated Program in Dietetics</del> , Nutrition, and Exercise Physiology. Advanced undergraduate exercise physiology with emphasis on mechanisms regulating physiological responses to exercise across the life span.	<b>Exercise Physiology 4 (3-3)</b> Course Prerequisite: Certified major in Nutrition and Exercise Physiology. Advanced undergraduate exercise physiology with emphasis on mechanisms regulating physiological responses to exercise across the life span.	8-18
NEP	476	Revise	<b>Exercise Testing and Prescription 3 (2-3) Course</b> Prerequisite: Certified major in <del>nutrition and exercise physiology, or admitted to the Master of Science in Coordinated Program in Dietetics</del> , Nutrition, and Exercise Physiology. Principles of exercise testing and prescription based on current practices in physical education, physiology, and rehabilitation.	<b>Exercise Testing and Prescription 3 (2-3) Course</b> Prerequisite: <u>NEP 320; NEP 463;</u> certified major in Nutrition and Exercise Physiology. Principles of exercise testing and prescription based on current practices in physical education, physiology, and rehabilitation.	8-18
NEP	478	Revise	<b>Electrocardiography, Medications and Procedures 3 (2-3)</b> Development of ECG	<b>Electrocardiography, Medications and Procedures 3 (2-3)</b> <u>Course Prerequisite: NEP 435;</u>	8-18

			interpretation skills, including 12-leads, with emphasis on procedures and impact of medication in resting and exercising persons.	<u>NEP 463; NEP 476; certified major in Nutrition and Exercise Physiology.</u> Development of ECG interpretation skills, including 12-leads, with emphasis on procedures and impact of medication in resting and exercising persons.	
NEP	479	Revise	<b>Nutrition and Exercise Practicum I 3 (1-6) Course</b> Prerequisite: NEP 427; NEP 476. Supervised experience in applying exercise and nutrition assessment techniques and developing exercise and nutrition prescription for normal and diseased subjects. Typically offered Fall.	<b>Nutrition and Exercise Practicum I 3 (1-6) Course</b> Prerequisite: NEP 427; <u>NEP 435; NEP 476; certified major in Nutrition and Exercise Physiology.</u> Supervised experience in applying exercise and nutrition assessment techniques and developing exercise and nutrition prescription for normal and diseased subjects. Typically offered Fall.	8-18
NEP	480	Revise	<b>Cardiopulmonary Rehabilitation 4 (3-3) Course</b> Prerequisite: Certified major in Nutrition and Exercise Physiology. Principles and applications of exercise assessment/prescription and nutrition recommendations and program management to cardiopulmonary and rehabilitation situations and populations.	<b>Cardiopulmonary Rehabilitation 4 (3-3) Course</b> Prerequisite: <u>NEP 435; NEP 463; NEP 476; NEP 478;</u> certified major in Nutrition and Exercise Physiology. Principles and applications of exercise assessment/prescription and nutrition recommendations and program management to cardiopulmonary and rehabilitation situations and populations.	8-18
NEP	482	Revise	<b>Nutrition and Exercise Practicum II 2 (0-6) Course</b> Prerequisite: <del>NEP 427; NEP 476;</del> NEP 479. Supervised experience in applying exercise and nutrition assessment techniques for normal and diseased subjects. Typically offered Spring.	<b>Nutrition and Exercise Practicum II 2 (0-6) Course</b> Prerequisite: NEP 479; <u>certified major in Nutrition and Exercise Physiology.</u> Supervised experience in applying exercise and nutrition assessment techniques for normal and diseased subjects. Typically offered Spring.	8-18
NEP	489	Revise	<b>Exercise Internship Seminar 1</b> Course prerequisite: <del>Senior standing or graduate student in</del> Nutrition and Exercise Physiology. Learn and complete the process for an exercise internship. Typically offered Fall. S, F grading.	<b>Exercise Internship Seminar 1</b> Course prerequisite: <u>NEP 463; NEP 476; certified major in</u> Nutrition and Exercise Physiology. Learn and complete the process for an exercise internship. Typically offered Fall. S, F grading.	8-18
NEP	490	Revise	<b>Exercise and Nutrition Internship V 10 (0-30) to 15 (0-45) Course</b> Prerequisite: <del>By</del>	<b>Exercise and Nutrition Internship V 10 (0-30) to 15 (0-45) Course</b> Prerequisite: <u>NEP 489;</u>	8-18

			department permission. Supervised offsite exercise field experience to assess normal and diseased populations and develop/apply exercise prescriptions and nutrition recommendations. S, F grading.	<u>certified major in Nutrition and Exercise Physiology</u> . Supervised offsite exercise field experience to assess normal and diseased populations and develop/apply exercise prescriptions and nutrition recommendations. S, F grading.	
<b>SOC</b>	<b>332</b>	<b>Revise</b>	<del>[SSCI] <b>Society and Environment</b></del> 3 <del>Society-environment relations, including environmental attitudes and behavior; the environmental movement and environmental politics and policy-making.</del> Recommended preparation: SOC 101.	<del>[SSCI] <b>Sustainability and Society</b></del> 3 <u>The study of human-environment relationships and the connections between environmental, economic, and social systems.</u> Recommended preparation: SOC 101.	<b>8-18</b>