

CAHNR Curricula and Courses Committee
Meeting Minutes Final Approved
1:30 Pm September 16, 2016
WBY 209

I. The meeting was called to order by Chair Mike Darre at 1:33 pm.

Members present: Emma Bojinova, Mark Brand, Rhonda Brownbill, Mike Darre, Sal Frasca, Pat Jepson, Gary Kazmer, Stephanie Mazerolle, Tom Meyer, Jon Rizzo, and Bruce Blanchard (for Lauren Wilson.)

II. Old Business:

The Departments of Agriculture and Natural Resources, and Extension propose the following:

1. ADD: AGNR 5500 Leadership Development in Extension Education. Effective Fall 2016

Discussion: The syllabus does not delineate the difference in requirements for the graduate students as opposed to the undergraduates taking this joint taught course with AGNR 4500. The catalog description needs to add the statement "Not open to students who have passed AGNR 4500"

MOTION TABLED CAHNR CC 15-16-121 **TABLED again.**

III. New Business:

A. The Department of Kinesiology proposes the following:

1. ADD KINS 2227 Exercise Prescription. Effective Fall 2017 (Stephanie and Gary)

Proposed Title and Catalog Copy:

KINS 2227 Exercise Prescription Three credits.

Addresses the Frequency, Intensity, Time, and Type or FITT principle of exercise prescription for apparently healthy adults; healthy populations with special considerations such as children, older adults, and women who are pregnant; and special populations with chronic disease and health conditions such as overweight and obesity, and cardiovascular, pulmonary, metabolic, and musculoskeletal disease.

MOTION PASSED (With suggested changes to catalog copy as printed here. Fix the catalog copy on the CAR form. And make sure the syllabus is correct also.) CAHNR CC 16-17-001

2. ADD KINS 3205 Health and Fitness Assessment. Effective Spring 2017. (Stephanie and Sal)

Proposed Title and Catalog Copy:

KINS 3205 Health Fitness Assessment. Three credits.

Fundamental principles of physical fitness assessment of apparently healthy individuals. These assessments will emphasize the health-related components of physical fitness including body composition, cardiorespiratory fitness, anaerobic capacity, muscular strength and endurance, neuromotor fitness, and flexibility. This will be a laboratory based course focused on the application of principles of exercise testing and prescription for health, fitness, and sport.

MOTION PASSED (with suggested changes to catalog copy printed here) CAHNR CC 16-17-002

3. ADD KINS 3201 Research Methods and Statistical Analysis for Kinesiology. Effective Spring 2017 (Stephanie and Gary)

Proposed Title and Catalog Copy:

KINS 3201 Research Methods and Statistical Analyses for Kinesiology. Three credits.. Introduces Kinesiology students to a biopsychosocial model of health and disease. The selection of research methods, including statistical procedures most appropriate for research questions related to prevention, intervention and diagnosis forms the core of the course. Students will gain experiences using software to analyze data germane to Kinesiologists and the interpretation of data through frequentist and Bayesian reasoning.

MOTION PASSED (with suggested changes to catalog copy printed here) CAHNR 16-17-003

4. ADD KINS 3523 Motor Control. Effective Spring 2017 (Stephanie and Gary)

Proposed Title and Catalog Copy:

KINS 3523: Motor Control. Three credits.

Prerequisites: PNB2264, PNB, 2265, KINS 3522. Departmental consent required. Contemporary theories of motor control. Basic concepts of motor learning and reviews research on normal, developmental, and aging-related processes governing motor control. Particular attention is given to the requirements for the fundamental achievements of the human action system: postural control, locomotion, and manual dexterity. Pathological changes in motor control in the context of discussing motor impairments associated with stroke.

(Discussion: Changes to the catalog copy (as printed here) were suggested. Also complete the letter grading scheme in the syllabus to go from A to F.

MOTION PASSED with changes. CAHNR CC 16-17-004

5. ADD KINS 1100 Exercise and Wellness for Everyone. Effective Spring 2017. (Stephanie and Sal)

Proposed Title and Catalog Copy:

KINS 1100, Exercise Wellness for Everyone. Three credits.

Overview of the five pillars of health (exercise, nutrition, sleep, stress and relationships), specifically emphasizing the role that exercise plays in health promotion and disease

prevention across the lifespan by presenting the impacts of exercise in multiple domains including leisure time, culture, community, careers, and the workplace.

(Discussion: The title on CAR in the box for Complete Title and Catalog Copy does not match the final title as shown above. Also minor changes in catalog copy were made as reflected here, use this in the copy in the revised CAR form. Make sure there is a letter grading scheme on the syllabus.)

MOTION PASSED with changes. CAHNR CC 16-17-05

6. REVISE : KINS 3320 Introduction to Sport and Exercise Physiology, change name to: Exercise Psychology. Remove prerequisite? Effective Spring 2017 (Stephanie and Sal)

Current Title and Catalog Copy:

KINS 3320. Introduction to Sport and Exercise Psychology

(Formerly offered as EKIN 3320.) Three credits. Prerequisite: Open only to Kinesiology majors.

Examines psychological theories and research related to sport and exercise behavior. Explores the study of how personality and situational variables affect motivation, anxiety, and aggression in sport. Additional topics to be examined include group processes in sport, performance enhancement and psychological development through sport.

Proposed Title and Catalog Copy:

KINS 3320: Exercise Psychology Three credits. Open only to Kinesiology majors.

Examines psychological theories and research related to exercise and sport behavior. Explores the study of how personality and situational variables affect motivation, anxiety, and aggression in **exercise** and sport. Additional topics to be examined include group processes in sport, performance enhancement and psychological development through **exercise** and sport.

MOTION PASSED CAHNR CC 16-17-006

7. REVISE: KINS 3530/ 3530W Physiological Assessment of Competitive Athletics, change name to: Aerobic and Resistance Training for Performance. Effective Spring 2017 (Stephanie and Emma)

Current Title and Catalog Copy:

3530. Physiological Assessment of Competitive Athletes

(Formerly offered as EKIN 3530.) Three credits. Prerequisite: Open only to students in Kinesiology programs. *Van Heest*

Focuses on the development of analysis techniques of human physiology specific to competitive athletes. The course will include both laboratory and field methods to evaluate aerobic ability, anaerobic ability, flexibility, muscular strength and power and body composition. It requires a strong foundation in musculoskeletal anatomy and physiology. The course is designed to better prepare the student for development of scientifically sound coaching practices.

3530W. Physiological Assessment of Competitive Athletes

(Formerly offered as EKIN 3530.) Prerequisite: Open only to students in Kinesiology programs; [ENGL 1010](#) or [1011](#) or [2011](#).

Proposed Title and Catalog Copy:

KINS 3530: Aerobic and Resistance Training for Performance. Three credits.

Focuses on the development of analysis techniques of human physiology specific to sport performance. The course will include both laboratory and field methods to evaluate aerobic ability, anaerobic ability, flexibility, muscular strength and power and body composition. It requires a strong foundation in musculoskeletal anatomy and physiology. The course is designed to better prepare the student for development of scientifically sound coaching practices.

KINS 3530W Aerobic and Resistance Training for Performance.

Prerequisite: Open only to students in Kinesiology programs; [ENGL 1010](#) or [1011](#) or [2011](#).

MOTION PASSED CAHNR CC 16-17-007

8. REVISE: KINS 4500 Physiological Systems in Human Performance, change name to: Exercise Physiology I Effective Fall 2017 (Stephanie and Gary)

Current Title and Catalog Copy:

KINS 4500. Physiological Systems in Human Performance

(Formerly offered as EKIN 4500.) Three credits. Prerequisite: [PNB 2264–2265](#); open only to students in Kinesiology programs. *Armstrong, Lee*

An organ systems approach to optimal human performance including metabolism, energy transfer, nerve transmission, muscle contraction, endocrine control, and cardiopulmonary physiology.

Proposed Title and Catalog Copy:

KINS 4500: Exercise Physiology I. Three credits. Prerequisite: [PNB 2264–2265](#); open only to students in Kinesiology programs.

An organ systems approach to optimal human performance including metabolism, energy transfer, nerve transmission, muscle contraction, endocrine control, and cardiopulmonary physiology.

MOTION PASSED CAHNR CC 16-17-008

9. REVISE: KINS 4510/4510W Mechanisms and Adaptations in Sport and Exercise, change name to Exercise Physiology II. Effective Fall 2018 (Stephanie and Rhonda)

Current Title and Catalog Copy:

4510. Mechanisms and Adaptations in Sport and Exercise

(Formerly offered as EKIN 4510.) Three credits. Prerequisite: [PNB 2264–2265](#); open only to students in Kinesiology programs. *Armstrong, Lee*

An applied approach to the physiological mechanisms and adaptations influencing sport and exercise: optimal nutrition, body composition, exercise training, ergogenic aids, aging, cardiovascular health, and environmental factors.

4510W. Mechanisms and Adaptations in Sport and Exercise

(Formerly offered as EKIN 4510.) Prerequisite: [PNB 2264–2265](#); [ENGL 1010](#) or [1011](#) or [2011](#); open only to students in Kinesiology programs.

Proposed Title and Catalog Copy:

KINS 4510 Exercise Physiology II Three credits. Prerequisite: [PNB 2264–2265](#); open only to students in Kinesiology programs.

An applied approach to the physiological mechanisms and adaptations influencing sport and exercise: optimal nutrition, body composition, exercise training, ergogenic aids, aging, cardiovascular health, and environmental factors.

KINS 4510W. Exercise Physiology II

Prerequisite: [PNB 2264–2265](#); [ENGL 1010](#) or [1011](#) or [2011](#); open only to students in Kinesiology programs.

MOTION PASSED CAHNR CC 16-17-009

B. The Department of Agricultural Resources and Economics proposes the following:

1. REVISE: ARE 1150. Principles of Agricultural and Resource Economics. Change in title to: Principles of Applied and Resource Economics. Effective Spring 2017 (Emma and Gary)

Current Title and Catalog Copy:

ARE 1150. Principles of Agricultural and Resource Economics

Three credits. Taught concurrently with SARE 450.

An introduction to agricultural economics, the role of agriculture in today's United States economic system, and relationships that regulate the entire economic environment. CA 2.

Proposed Title and Catalog Copy:

ARE 1150. Principles of Applied and Resource Economics

Three credits. Taught with SARE 450.

An introduction to applied and resource economics, the role of food and resources in today's United States economic system, and relationships that regulate the entire economic environment. CA 2.

MOTION PASSED CAHNR CC 16-17-010

2. REVISE: ARE 2150 Applied Resource Economics. Change name to Intermediate Applied and Resource Economics. Effective Spring 2017.

NOTE: FROM MARCH 4 Minutes:

Proposed Catalog Description:

ARE 2150. Intermediate Applied and Resource Economics

Three credits. Prerequisite: ARE 1150 or ECON 1200 or ECON 1201.

Applications of intermediate level microeconomic theory to problems and policy issues in agriculture, natural resources, and the environment. Topics include supply, demand, market equilibrium, consumer and producer behavior, perfect competition, ~~externalities, common property resources, public goods~~, and welfare economics. Emphasis will be placed on using the theory in applied and computational exercises.

(Note: after discussion, the committee felt that the title should be revised to Intermediate Applied and Resource Economics, since the major is being called Applied and Resource Economics, to avoid the idea that one course would cover the entire major)

MOTION PASSED CAHNR CC 15-16-94 (Revisions accepted, see catalog copy above)

C. The Department of Pathobiology and Veterinary Science proposes the following:

1. REVISE: PVS 3700 Emerging Infectious Diseases. Drop the prerequisite of Microbiology (MCB 2610). Effective Spring 2017 (Sal and Gary)

Current Title and Catalog Copy:

PVS 3700. Emerging Infectious Diseases Three credits. Prerequisite or corequisite: MCB 2610. Szczepanek
Mechanisms of emergence that different pathogens have used to cause disease in new hosts.

Proposed title and Catalog Copy:

3700. Emerging Infectious Diseases Three credits. Szczepanek
Mechanisms of emergence that different pathogens have used to cause disease in new hosts.

MOTION PASSED CAHNR CC 16-17-11

2. REVISE: PVS 5401. Immunobiology. Change in credits from 3 to 4, and pre-requisites and recommended preparation. Effective Fall 2017 (Sal and Gary)

Current Title and Catalog Copy:

PVS 5401 Immunobiology. Three credits.

Principles of basic and clinical immunobiology; phylogeny and ontogeny of the immune response, characteristics of the immune response, cellular and humoral immunity; central and peripheral lymphoid tissues; mechanisms of immunologic injury and immunologic diseases; comparative and veterinary immunology; transplantation and tumor immunology.

Proposed Title and Catalog Copy:

PVS 5401 Immunobiology. Four credits. Prerequisites: Open with consent of instructor to graduate students, upper-level Honors students, and senior undergraduate students with recommended preparation.

Recommended Preparation: Previous coursework in Biochemistry, Genetics, Cell Biology, and Microbiology.

Principles of basic and clinical immunobiology; phylogeny and ontogeny of the immune response, characteristics of the immune response, cellular and humoral immunity; central and peripheral lymphoid tissues; mechanisms of immunologic injury and immunologic diseases; comparative and veterinary immunology; transplantation and tumor immunology.

MOTON PASSED CAHNR CC 16-17-012.

IV. Report from Academic Programs: Pat Jepson handed out a new flyer for the College. Also noted that the Fall Open House is this Sunday, Sept 18, 2016

V. Other Business:

VI. Time and Place of next meeting. October 7, 2016 209 WBY

VII. Adjourn The meeting adjourned at 2:45 pm.