

CAHNR Curricula and Courses Committee
Meeting Minutes *Final*
1:30 pm March 3, 2017
WBY 209

I. Welcome - Call to order by Chair Mike Darre 1:38 pm.

Members present: Emma Bojinova, Mark Brand, Rhonda Brownbill, Mike Darre, Sal Frasca, Pat Jepson, Gary Kazmer, Stephanie Mazerolle, and Lauren Wilson. Guest: Julianna Barrett.

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**

2. REVISE: SPSS 3240 Plant Breeding and Biotechnology. Change in title, prerequisites, and Catalog copy. (CAR 2843) Effective Spring 2018 (Mark and Sal)

Discussion: Because of the extensive changes to the title, prerequisites and catalog copy, the committee suggest that this course be dropped and then add with a new number. Similar action should be taken with PLSC 5240, SPSS 3250 and PLSC 5250, making sure to differentiate the academic rigor required of the graduate level from the undergraduate level of the courses

MOTION TABLED CAHNR CC 16-17-73

On March 3, 2017 Sal and Mark Moved to take the motion from the table.

MOTION PASSED CAHNR CC 16-17-73A

The original motion to Revise SPSS 3240 was take up again.

MOTION DENIED CAHNR 16-17-73

III. New Business:

A. The Department of Natural Resources and the Environment proposes the following:

1. ADD NRE 4694 Special Topics. Climate Resilience and Adaptation: Municipal Policy and Planning. Effective Fall 2017. 1st time offering. (Gary and Lauren)
Proposed Catalog Copy:

NRE 4695 Special Topics: Climate Resilience and Adaptation: Municipal Policy and Planning. Three credits. Recommended Preparation: NRE 1000 Environmental Science.

An interdisciplinary study of climate change focusing on the local, municipal scale: impacts, policy, vulnerability and adaptation with emphasis on tools such as vulnerability assessments that help local communities determine priorities for adaptation efforts.

MOTION PASSED CAHNR CC 16-17-76

B. The Department of Allied Health Sciences proposes the following:

1. REVISE: DGS 4246 Contemporary Issues in Human Genetics. Remove cross listing with AH 4246 Contemporary Issues in Human Genetics. (CAR 3059) Effective Fall 2017. (Laura and Rhonda)

Current Catalog Copy:

DGS 4246 Contemporary Issues in Human Genetics Three credits. Also offered as AH 4246. Prerequisite: Open to Junior and Senior AHS and DGS majors only; others by instructor permission. Exploration of historical and contemporary issues relevant to human genetics through readings, feature, and documentary films. Includes the layperson's understanding of genetic testing and diagnosis; and the ethical, legal, and social issues associated with them.

Proposed Catalog Copy:

DGS 4246 Contemporary Issues in Human Genetics Three credits. Prerequisite: Open to Junior and Senior AHS and DGS majors only; others by instructor consent. Historical and contemporary issues relevant to human genetic, including the layperson's understanding of genetic testing and diagnosis; and the ethical, legal, and social issues associated with them.

MOTION PASSED CAHNR CC 16-17-77

2. REVISE: The Standard Plan and Health Sciences concentration in the AHS major: remove AH 4246 Contemporary Issues in Human Genetics. Effective Fall 2017. (Lauren and Gary)

Current Catalog Copy

Standard Plan

Group A major courses

A-1: AH 4239 and 4240W;

A-2: AH 2001;

A-3: minimum of 14 credits (or five additional courses) from the following list of CAHNR course options, three of which must be AH-coded: AH 3000, 3005, 3021, 3101, 3121, 3133, 3175, 3203, 3234, 3302, 3303, 3320, 3571, 3574, 4092, 4225, 4242, 4243, 4244, 4246, 4297W, 4501, 4503; DIET 3230; DGS 3222, 3226, 4224, 4234, 4246; NUSC 2200, 4236, 4250; PVS 3100, 4300. Other courses may be used to meet this requirement pending advisor and department head approval.

Health Sciences Plan

Group A major courses

A-1: AH 4239 and 4240W;

A-2: AH 2001 plus two of the following: AH 3000, AH 4242, AH 4244; and

A-3: minimum of 8 credits (or three additional courses) from the following list of CAHNR course options: AH 3005, 3021, 3101, 3121, 3175, 3203, 3320, 4092, 4225, 4243, 4246, 4297W; DGS 3222, 3226, 4224, 4234, 4246; NUSC 4236, 4250; PVS 3100, 4300. Courses cannot also be used to meet Group A-2 requirements. Other courses may be used to meet this requirement pending advisor and department head approval.

Revised Catalog Copy

Standard Plan

Group A major courses

A-1: AH 4239 and 4240W;

A-2: AH 2001;

A-3: minimum of 14 credits (or five additional courses) from the following list of CAHNR course options, three of which must be AH-coded: AH 3000, 3005, 3021, 3101, 3121, 3133, 3175, 3203, 3234, 3302, 3303, 3320, 3571, 3574, 4092, 4225, 4242, 4243, 4244, 4246, 4297W, 4501, 4503; DIET 3230; DGS 3222, 3226, 4224, 4234, 4246; NUSC 2200, 4236, 4250; PVS 3100, 4300. Other courses may be used to meet this requirement pending advisor and department head approval.

Health Sciences Plan

Group A major courses

A-1: AH 4239 and 4240W;

A-2: AH 2001 plus two of the following: AH 3000, AH 4242, AH 4244; and

A-3: minimum of 8 credits (or three additional courses) from the following list of CAHNR course options: AH 3005, 3021, 3101, 3121, 3175, 3203, 3320, 4092, 4225, 4243, 4246, 4297W; DGS 3222, 3226, 4224, 4234, 4246; NUSC 4236, 4250; PVS 3100, 4300. Courses cannot also be used to meet Group A-2 requirements. Other courses may be used to meet this requirement pending advisor and department head approval.

MOTION PASSED CAHNR CC 16-17-78

3. DROP: AH 4246 Contemporary Issues in Human Genetics. (CAR 3058) Effective Fall 2017. (Lauren and Rhonda)

MOTION PASSED CAHNR CC 16-17-79

4. REVISE: DIET 3272 Food Service Systems Management I . Add the prerequisite of NUSC 2200 and open only to Dietetics majors and Nutritional Sciences students; juniors or higher. (CAR 3011) Effective Spring 2018. (Lauren and Emma)

Current Catalog Copy:

DIET 3272. Food Service Systems Management I

(Also offered as NUSC 3272.) Two credits. Two class periods. Recommended preparation: NUSC 3233, 3234. Not open to students who have passed NUSC 3270.

Quantity food procurement, preparation and distribution; recipe standardization and menu development; sanitation and safety; portion and quality control; systems approach and delivery systems.

Revised Catalog Copy:

DIET 3272. Food Service Systems Management I

(Also offered as NUSC 3272.) Two credits. Two class periods. Prerequisite: NUSC 2200. Recommended preparation: NUSC 3233, 3234; open only to Dietetics majors and Nutritional Sciences students; juniors or higher. Not open to students who have passed NUSC 3270.

Quantity food procurement, preparation and distribution; recipe standardization and menu development; sanitation and safety; portion and quality control; systems approach and delivery systems.

Comment: add the letter grading scheme to the syllabus.

MOTION PASSED CAHNR CC 16-17-80

5. REVISE: AH 2001 Medical Terminology. Change the prerequisite to: Prerequisite: Open to all CAHNR, BIOL, HCMI, HDFS, MCB, NURS, PHAR, PNB, PSYC, and SLHS majors; others by instructor consent. (CAR 3019) Effective Fall 2017. (Lauren and Sal)

Current Catalog Copy:

AH 2001 Medical Terminology. One credit. Prerequisite: Open to students in the Department of Allied Health Sciences and Health Systems Management majors, others by instructor consent.

Introduction and mastery of medical terminology through presentation of word roots, prefixes and suffixes.

Revised Catalog Copy:

AH 2001 Medical Terminology. One credit. Prerequisite: Open to all CAHNR, BIOL, HCMI, HDFS, MCB, NURS, PHAR, PNB, PSYC, and SLHS majors; others by instructor consent.

Introduction and mastery of medical terminology through presentation of word roots, prefixes and suffixes.

MOTION PASSED CAHNR CC 16-17-81

C. The Department of Nutritional Sciences proposes the following:

1. REVISE: NUSC 3272 Food Service Systems Management I . Add the prerequisite of NUSC 2200 and open only to Dietetics majors and Nutritional Sciences students; juniors or higher. (CAR 3011) Effective Spring 2018 (Rhonda and Lauren)

Current Catalog Copy:

NUSC 3272. Food Service Systems Management I

(Also offered as DIET 3272.) Two credits. Two class periods. Recommended preparation: NUSC 3233, 3234. Not open to students who have passed NUSC 3270.

Quantity food procurement, preparation and distribution; recipe standardization and menu development; sanitation and safety; portion and quality control; systems approach and delivery systems.

Revised Catalog Copy:

NUSC 3272. Food Service Systems Management I

(Also offered as DIET 3272.) Two credits. Two class periods. Prerequisite: NUSC 2200. Recommended preparation: NUSC 3233, 3234; open only to Dietetics majors and Nutritional Sciences students; juniors or higher. Not open to students who have passed NUSC 3270.

Quantity food procurement, preparation and distribution; recipe standardization and menu development; sanitation and safety; portion and quality control; systems approach and delivery systems.

MOTION PASSED CAHNR CC 16-17-82

2. ADD: NUSC 5398 Special Topics: Obesity Assessment, Prevention and Treatment throughout the Lifecycle. Effective Fall 2017. (Rhonda and Gary) 1st time offering.

Proposed Catalog Copy

NUSC 5398 Special Topics: Obesity Assessment, Prevention and Treatment throughout the Lifecycle. 3 credits. Recommended Preparation: Previous coursework in nutrition (e.g. introductory). Open to graduate students in NUSC or related disciplines. Advanced undergraduates (senior status) permitted with consent of instructor.

Comprehensive overview of research evidence and practice guidance as it relates assessment, prevention and management of obesity throughout the life cycle.

MOTION PASSED CAHNR CC 16-17-83

D. The Department of Kinesiology proposes the following:

1. REVISE: Exercise Science Major. Change in requirements. Effective Spring 2017. (Stephanie and Gary)

Current Catalog Copy

Exercise Science

The Department of Kinesiology provides students with the opportunity to pursue an undergraduate degree in areas emphasizing exercise science and exercise research. It has well-equipped laboratories in Exercise Physiology, Exercise Biochemistry, and Sport Biomechanics.

The Department of Kinesiology offers majors in Athletic Training and Exercise Science.

Most students participate in the services offered by the Academic Center for Exploratory Students (ACES) during their freshman and sophomore years. Students who intend to pursue a kinesiology major declare as pre-kinesiology.

Admission

During sophomore year, students must submit an application and all supporting materials by February 1.

Successful applicants to the Department of Kinesiology generally have completed sufficient credits to be eligible for consideration, have applied by the annual deadline, have competitive aptitude test scores, have accumulated sufficient experience related to their career choice, have written acceptable essays, have submitted required personal recommendations confirming their professional potential, and have earned the most competitive grade point average.

Requirements

Exercise Science prepares students to analyze sport and exercise performance in a physiological context. The majority of students use this major to prepare for graduate study in exercise physiology. Other students have used this major in preparation for medical school, physician assistant programs, and physical therapy. Students complete coursework in general education, cognate areas, and kinesiology. Requirements include: [BIOL 1107](#), [1108](#); [CHEM 1127Q](#), [1128Q](#); [CHEM 2241](#) or [2443](#); [COMM 1100](#); [MATH 1060Q](#) or [1131Q](#); [MCB 2000](#) or [3010](#); [NUSC 1165](#); [PHYS 1201Q](#), [1202Q](#); [PNB 2264–2265](#); [PSYC 1100](#); [STAT 1000Q](#) or [1100Q](#); [KINS 1160](#) (credits and topics as approved by advisor), [3099](#) (credits and topics as approved by advisor), [3320](#), [3522](#), [3525](#), [3530W](#), [3545](#), [4500](#), [4510W](#).

Related Electives

Students select a minimum of 12 credits from the following courses: [CHEM 2444](#) (if [CHEM 2443](#) was taken), [CHEM 2445](#) (if [CHEM 2444](#) was taken or taken concurrently); [MCB 2210](#), [2410](#), [2610](#), [3011](#), [3201](#), [3219](#), [4211](#); [NUSC 4250](#); [PVS 4300](#); [PNB 2250](#), [3251](#), [3262](#); [PSYC 2200](#), [3601](#) (if [PSYC 1101](#) or [1103](#) was taken).

All students in the Department of Kinesiology will be required to successfully complete two writing intensive courses within the College of Agriculture, Health and Natural Resources. The W courses in each of the major program fields will develop writing skills specific to the content area domain as well as be consistent with the practices of

professionals in the areas of athletic training and exercise physiology. Courses that will satisfy the W requirement include: [KINS 3099W](#), [3155W](#), [3165W](#), [3530W](#), [3697W](#), and [4510W](#). The information literacy competency requirement for students in the Department of Kinesiology will be satisfied by the successful completion of the W courses within each major.

Revised Catalog Copy

Exercise Science

The Department of Kinesiology provides students with the opportunity to pursue an undergraduate degree emphasizing exercise science and exercise research. The department has well-equipped laboratories in Exercise Physiology, Exercise Biochemistry, and Sport Biomechanics.

The Department of Kinesiology offers a major in Exercise Science. Effective for students entering the University of Connecticut as freshmen in 2017 and thereafter, Athletic Training will not be offered as a major. Athletic Training will be offered as a graduate program beginning in 2019.

Admission

New students will be admitted to the Exercise Science major as freshmen. Admission is highly competitive, with preference being given to students with strong preparation in mathematics and science.

Requirements

Exercise Science prepares students to analyze sport and exercise performance in a physiological context. The majority of students use this major to prepare for graduate study in exercise physiology. Other students have used this major in preparation for medical school, physician assistant programs, and physical therapy. Students complete coursework in general education, cognate areas, and kinesiology. Requirements include: BIOL 1107, 1108; CHEM 1127Q, 1128Q; 2241 or 2443; COMM 1100; MATH 1060Q or 1131Q; MCB 2000 or 3010; NUSC 1165; PHYS 1201Q, 1202Q; PNB 2264, 2265; PSYC 1100; STAT 1000Q or 1100Q; KINS 1100 (when taken as Free Weight Training), KINS 1160 (when taken as First Aid and CPR), 2227, 3205, 3320, 3522, 3525, 3530/W, 3545, 4205, 4500, 4510/W; UNIV 1810 taken as Kinesiology Freshman Year Experience.

Related Electives: Students select a minimum of 12 credits from the following courses: CHEM 2444 (if CHEM 2443 prerequisite), CHEM 2445 (if CHEM 2444 was taken or taken concurrently); MCB 2210, 2410, 2610, 3011, 3201, 3219, 4211; NUSC 4250; PVS 4300; PNB 2250, 3251, 3262; PSYC 2200, 3601 (PSYC 1101 or 1103 prerequisite)

All students in the Department of Kinesiology will be required to successfully complete two writing intensive courses within the College of Agriculture, Health and Natural Resources. The W courses in each of the major program fields will develop writing skills specific to the content area domain and will be consistent with the practices of professionals in the areas of athletic training and exercise physiology. Courses that will

satisfy the W requirement include: KINS 3099W, 3155W, 3165W, 3530W, 3697W, 3530W, 3697W, and 4510W. The information literacy competency requirement for students in the Department of Kinesiology will be satisfied by the successful completion of the W courses within each major.

Students enrolled in the Exercise Science major who intend to join the Athletic Training graduate program should seek specific course advice from their major advisors during the first year.

At least 3 credits of courses numbered at the 2000-level or above in the major must be successfully completed.

Supplemental Dismissal Standards

To remain in the Exercise Program students are expected to attain a cumulative GPA of 2.5 or higher at the end of the semester in which they reach 56 credits, and a GPA of 2.7 or higher the end of the semester in which they reach 84 credits.

MOTION PASSED CAHNR CC 16-17-84

E. The Department of Agricultural Resource Economics proposes the following:

1. ADD: ARE 6311 Applied Econometrics I (CAR 3236) Effective Fall 2017 (Emma and Sal)

Proposed Catalog Copy:

ARE 6311. Applied Econometrics I. Three credits. Taught with ARE 5311. Expose students to techniques in applied economics research. Students will learn models - derivations, assumptions, and issues. The models will be practiced utilizing empirical data and interpreting results in light of economic and econometric theory.

MOTION PASSED CAHNR CC 16-17-85 (One abstention)

F. The Department of Plant Science and Landscape Architecture proposes the following:

1. ADD: SPSS 3245 Plant Breeding and Biotechnology (CAR 2843) Effective Spring 2018 (Mark and Gary)

Proposed Catalog Copy:

SPSS 3245. Plant Breeding and Biotechnology. Three credits. Prerequisites: One of BIOL 1108, BIOL 1102, BIOL 1110, MCB 2410, SPSS 3210, SPSS 3230, SPSS 4210. Not open for credit to students who have passed PLSC 3240. *Li*

Principles and applications, economic, social and environmental impacts, advantages, potentials and limitations of major traditional and modern plant breeding technologies including crossing/hybridization, mutagenesis, genetic engineering and genome editing.

MOTION PASSED CAHNR CC 16-17- 86

2. ADD: PLSC 5245 Plant Breeding and Biotechnology (CAR 2853) Effective Spring 2018 (Mark and Emma)

Proposed Catalog Copy:

PLSC 5245 Plant Breeding and Biotechnology Three credits. Prerequisites: One of BIOL 1108, BIOL 1102, BIOL 1110, MCB 2410, SPSS 3210, SPSS 3230, SPSS 4210, or instructor consent. Not open for credit to students who have passed PLSC 3240 or PLSC 5240 *Li*

Principles and applications, economic, social and environmental impacts, advantages, potentials and limitations of major traditional and modern plant breeding technologies including crossing/hybridization, polyploidy, mutagenesis, genetic engineering and genome editing.

MOTION PASSED CAHNR CC 16-17-87

3. ADD: SPSS 3255 Modern and Traditional Plant Breeding Techniques (CAR 2865)
Effective Spring 2019 (Mark and Emma)

Proposed Catalog Copy:

SPSS3255. Modern and Traditional Plant Breeding Techniques Three credits.
Prerequisites: One of BIOL 1108, BIOL 1102, BIOL 1110, MCB 2410, SPSS 3210, SPSS 3230, SPSS 3245, SPSS 4210, or instructor consent. Not open for credit to students who have passed PLSC 3250. *Li*

Hands-on experiments for traditional and modern plant breeding techniques, including artificial crossing/hybridization, polyploidy induction, plant tissue culture and transgenic plant production, and radiation- and genome editing-mediate mutagenesis. \$50 lab fees.

MOTION PASSED CAHNR CC 16-17-88

4. ADD: PLSC 5255 Modern and Traditional Plant Breeding Techniques (CAR 2874)
Effective Spring 2019 (Mark and Gary)

Proposed Catalog Copy:

PLSC 5255. Modern and Traditional Plant Breeding Techniques Three credits.
Prerequisites: One of BIOL 1108, BIOL 1102, BIOL 1110, MCB 2410, SPSS 3210, SPSS 3230, SPSS 3245, SPSS 4210, PLSC 5245 or instructor consent. Not open for credit to students who have passed PLSC 3250 or PLSC 5250. *Li*

Hands-on experiments for traditional and modern plant breeding techniques, including artificial crossing/hybridization, polyploidy induction, plant tissue culture and transgenic plant production, and radiation- and genome editing-mediate mutagenesis. A fee of \$50 is charged for this course.

MOTION PASSED CAHNR CC 16-17-89

IV. Report from Academic Programs:

Reminder to check for holds. Registration Starts on March 20. Last day to drop is March 27.

Sandy Bushmich is new Associate Dean for AP. Summer School registration starts on March 22.

V. Other Business:

VI. Time and Place of next meeting. April 7, 2017 209 WBY ?

VII. Adjourn