

CAHNR Curricula and Courses Committee
Meeting Minutes - Final
November 20, 2015
WBY 209

I. **Welcome** - Call to order by Chair Mike Darre at 1:33 pm

Members present: Emma Bojinova, Rhonda Brownbill, Mike Darre, Sal Frasca, Gary Kazmer, Stephanie Mazarolle, Tom Meyer, Kristin Schwab and Lauren Wilson (excused: Pat Jepson)

II. **Old Business: None**

III. **New Business:**

A. The Department of Kinesiology proposes the following:

1. ADD: KINS 1160 Intermediate Swimming. Effective Spring 2017 (Stephanie and Gary)

Proposed Title and Complete Catalog Copy:

KINS 1160 (Section 042) Intermediate Swimming; Spring; 1.0; Tuesday and Thursday from 9:30-10:45am; Prerequisite: KINS 1160 Section 041 (Or Instructor permission); As per other KINS 1160 courses in the Lifetime Sports Program, this course may be repeated with change of activity and/or skill level, not to exceed 3 credits toward graduation of combined AH 1200 and KINS 1160 credits; Graded; Course description: A variety of lifetime sports and skills are offered.

The teaching of each activity will be geared to individual, dual, and team activities. Students who have physical disabilities in the least restrictive environment possible. Participants requiring accommodations should contact the Program Coordinator.

MOTION PASSED CAHNR CC 15-16-46

2. ADD: KINS 1100 Health and Exercise for Everyone. Effective Fall 2016. (Stephanie and Lauren)

Proposed Title and Catalog Copy:

KINES 1100, Health and Exercise for Everyone. Fall, Three credits, lecture and discussion. Prerequisite: Open only to students in Kinesiology programs.

This course provides an 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 impacts of exercise in multiple domains including leisure time, culture, community, careers and the workplace.

MOTION PASSED CAHNR CC 15-16-47

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

1. DROP: Remove the Landscape Design Major. Effective Spring 2016 (Kristin and Gary)

Rationale: Along with the realignment and consolidation of our department's majors, we are doing the same with our minors. This minor has very few students and no one to teach one of its main courses, HORT 3710 Design of Small Spaces. We have 5 other active minors, which we want to focus on: Agricultural Biotechnology, Integrated Pest Management, Ornamental Horticulture, Sustainable Food Crop Production, Turfgrass Management.

MOTION PASSED CAHNR CC 15-16-48

2. DROP: HORT 3705 Site Plan Graphics. Effective Spring 2016 (Kristin and Lauren)

Rationale: HORT 3705 Site Plan Graphics has not been taught for at least 10 years and is not a part of any current curriculum.

MOTION PASSED CAHNR CC 15-16-49

3. DROP: HORT 3710 Design of Small Spaces. Effective Spring 2016 (Kristin and Gary)
Rationale: HORT 3710 has not been taught for 3 years and per the above motion to drop the Landscape Design minor, the department does not have the resources to teach the course.

MOTION PASSED CAHNR CC 15-16-50

4. REVISE: LAND 3510 European Urban Form Materials. Adopt the course to fit the study abroad program in Florence and allow for variable credits. (Kristin and Gary)
Rationale: This course has never been taught and is being revised to shift the location focus to Florence and to allow for variable credits.
NOTE: The syllabus needs to be revised to include a full grading scheme and contact information.

MOTION PASSED CAHNR CC 15-16-51

5. REVISE: PLSC 3081 Summer Internship Zero Credit. Clarify the relationship between PLSC 3081 and PLSC 3990 Field Study. (This was requested by the University Senate CC.) (Kristin and Gary)
Rationale: Minor Revisions to PLSC 3081 Summer Internship and PLSC 3990 Field Study to make a clearer connection between the two, per the Senate C&C review.

MOTION PASSED CAHNR CC 15-16-52

6. For the information of the committee: To be submitted to the RHSA CC Committee:
Revise SAPL 670 Greenhouse Operations. Eliminate the lab component and change from 4 to 3 credits. Effective Spring 2016. This course is taught jointly with HORT 3670, which was recently revised to eliminate the lab component and reduce to a three credit lecture.

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

1. REVISE: NRE 2215 Introduction to Water Resources. Add an online version and change catalog copy to add a statement requiring two virtual field trips if the course is taken online. Effective Summer 2016 (Tom and Stephanie)

Current Catalog Copy:

NRE 2215. Introduction to Water Resources

(Formerly offered as NRE 3218 and as NRME 3218.) Three credits. Three class periods and two field trips. Prerequisite: Open to sophomores or higher. Recommended preparation: NRE 1000 and GSCI 1050. Robbins

Introduction to surface and ground water resource assessment, development and management. Integration of scientific, legal, environmental and human factors that enter into developing and maintaining sustainable water resources. Examines current and future plight of water shortages and water quality issues here and abroad.

Proposed Catalog Copy:

2215. Introduction to Water Resources

(Formerly offered as NRE 3218 and as NRME 3218.) Three credits. Three class periods and two field trips (**two virtual field trips if taken online**). Prerequisite: Open to sophomores or higher.

Recommended preparation: NRE 1000 and GSCI 1050. Robbins

Introduction to surface and ground water resource assessment, development and management. Integration of scientific, legal, environmental and human factors that enter into developing and

maintaining sustainable water resources. Examines current and future plight of water shortages and water quality issues here and abroad.

MOTION PASSED CAHNR CC 15-16-53

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

1. REVISE: Change the Cytogenetics and Molecular concentrations in the DGS program by dropping CHEM 2444 (Organic Chemistry II) from the prerequisite and graduation requirements. Effective Fall 2015. (Lauren and Rhonda)

Rationale: The DGS Program's accrediting agency (NAACLS) no longer requires 2 semesters of organic chemistry. One semester of organic chemistry will fulfill the requirement.

MOTION PASSED CAHNR CC 15-16-54

2. ADD: MLSC 4500 (Laboratory Operations and Professional Practice). Effective Spring 2017. (Lauren and Rhonda)

Proposed Catalog Copy:

MLSC 4500: Laboratory Operations and Professional Practice. Spring semester. Two credits. Two hours of lecture. Open to Medical Laboratory Sciences and Diagnostic Genetic Sciences majors, others with consent of instructor.

Professionalism and basic management practice in the clinical laboratory. Human resource management, continuous quality improvement/performance improvement, financial management. Educational methodology and terminology and communication skills.

MOTION PASSED CAHNR CC 15-16-55

3. REVISE: The graduation and program requirement for the Medical Lab Sciences and Diagnostic Genetic Sciences major (Cytogenetics and Molecular concentrations) to include MLSC 4500 (Laboratory Operations and Professional Practice). Effective Spring 2017. (Lauren and Rhonda)

MOTION PASSED CAHNR CC 15-16-56

4. REVISE: Change the graduation requirement for the MLS and DGS major by removing AH 4244 Management. Effective Spring 2017. (Lauren and Stephanie)

Rationale: Content of this course will be covered in the new MLSC 4500 (Laboratory Operations and Professional Practice).

MOTION PASSED CAHNR CC 15-16-57

5. REVISE: Change the MLS graduation and program requirement to include MCB 2610. Effective Fall 2016. (Lauren and Sal)

MOTION PASSED CAHNR CC 15-16-58

6. REVISE: Change the Graduation requirement for the MLS major by removing MLSC 3130 Intro to Clinical Micro and 3132 Micro Lab as graduation requirements. Effective Fall 2016. (Lauren and Emma)

MOTION PASSED CAHNR CC 15-16-59

7. DROP: MLSC 3130 Intro to Clinical Micro. Effective Fall 2016 (Lauren and Emma)

MOTION PASSED CAHNR CC 15-16-60

8. DROP: MLSC 3132 Micro Lab. Effective Fall 2016. (Lauren and Gary)

Rationale: The microbiological theory content covered in MCB 2610 is similar and more in depth than the content in MLSC 3130. Currently certificate students do not take MLSC 3130, but take MCB 2610 instead; they are not at any advantage or disadvantage over the undergraduate MLS students. Dropping the MLSC 3130 and 3132 courses would free up faculty and lab space for other courses in the MLS and DGS programs

MOTION PASSED CAHNR CC 15-16-61

Current Catalog Copy (For Motions 1-8 above from AHS)

Medical Laboratory Sciences

Mathematics and Science Courses - CHEM 1124Q and 1125Q or CHEM 1127Q and 1128Q; CHEM 2241 or CHEM 2443 and 2444; BIOL 1107; MATH 1040Q or 1060Q or 1125Q or above; STAT 1000Q or 1100Q; MCB 2000; 2400 or 2410; PVS 4300 or PNB 2264 and 2265 or 2274 and 2275.

Professional Courses - AH 2001, 3121, 4241, 4244; DGS 4234, 4235; MLSC 3130, 3132, 3301, 3333, 3365, 4094W, 4301, 4302, 4311, 4312, 4321, 4322, 4341, 4342, 4351, 4352, 4366, 4371, 4372

Diagnostic Genetic Sciences

Mathematics and Science Courses - CHEM 1124Q and 1125Q or CHEM 1127Q and 1128Q; CHEM 2241 or CHEM 2443 and 2444; BIOL 1107; MATH 1040Q or 1060Q or 1125Q or above; MCB 2400 or MCB 2410, 2610; STAT 1000Q or 1100Q. Professional Courses - AH 2001, 3121, 4241, 4244; DGS 3222, 3223, 3225, 4224, 4234W, 4235, 4236, 4246, 4248;

Cytogenetics Concentration Clinical Courses: 4810, 4820, 4830, 4850 or 4997; Molecular Concentration Practicum Courses: 4501, 4502, 4503, DGS 4850 or 4997; and one of the following: 4510, 4512, 4513, 4514, 4515.

Revised catalog copy

Medical Laboratory Sciences

Mathematics and Science Courses - CHEM 1124Q and 1125Q or CHEM 1127Q and 1128Q; CHEM 2241 or CHEM 2443 and 2444; BIOL 1107; MATH 1040Q or 1060Q or 1125Q or above; STAT 1000Q or 1100Q; MCB 2000 and 2610; 2400 or 2410; PVS 4300 or PNB 2264 and 2265 or 2274 and 2275.

Professional Courses - AH 2001, 3121, 4241, 4244; DGS 4234, 4235; MLSC 3130, 3132, 3301, 3333, 3365, 4094W, 4301, 4302, 4311, 4312, 4321, 4322, 4341, 4342, 4351, 4352, 4366, 4371, 4372, 4500

Diagnostic Genetic Sciences

Mathematics and Science Courses - CHEM 1124Q and 1125Q or CHEM 1127Q and 1128Q; CHEM 2241 or CHEM 2443 ~~and 2444~~; BIOL 1107; MATH 1040Q or 1060Q or 1125Q or above; MCB 2400 or MCB 2410, 2610; STAT 1000Q or 1100Q. Professional Courses - AH 2001, 3121, 4241, ~~4244~~; DGS 3222, 3223, 3225, 4224, 4234W, 4235, 4236, 4246, 4248; MLSC 4500;

Cytogenetics Concentration Clinical Courses: 4810, 4820, 4830, 4850 or 4997; Molecular Concentration Practicum Courses: 4501, 4502, 4503, DGS 4850 or 4997; and one of the following: 4510, 4512, 4513, 4514, 4515.

9. ADD: AH 3320 Introduction to Infectious Diseases. Effective Fall 2016. (Lauren and Sal)
Proposed Catalog Copy:

AH 3320: Introduction to Infectious Diseases

Fall semester, 2 credits. Prerequisite: BIOL 1107; Recommended: CHEM 2241 or 2443 and 2444.

Open only to Allied Health majors, junior or higher, others with consent of instructor.

The role of the healthcare professional in dealing with infectious diseases. Epidemiology and public health, healthcare epidemiology, pathogenesis and diagnosing of infectious diseases, overview of the major infectious diseases of humans.

MOTION PASSED CAHNR CC 15-16-62

10. REVISE: AHS major requirement to include AH 3320 Introduction to Infectious Diseases as a course option for the group A-3 for the standard plan, Health Sciences and Public Health and Health Promotion concentrations. Effective Fall 2016. (Lauren and Sal)

Current Catalog copy:

Allied Health Sciences (no concentration)

Group A major Courses (no concentration): (A-1) AH 4239 and 4240W; and **(A-2)** AH 2001; and **(A-3)** a 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, 3571, 3574, 4092, 4225, 4242, 4243, 4244, 4297W, 4503; DIET 3230; DGS 3222, 3226, 4224, 4234, 4246; MLSC 3130; NUSC 2200, 4236, 4250; PVS 3100, 4300. Other courses may be used to meet this requirement pending advisor and department head approval.

Public Health and Health Promotion Concentration

Group A Major courses: (A-1) AH 4239 and 4240W; **(A-2)** all of the following: AH 2001, 3005, 3175, 3231 and 4244; and **(A-3)** minimum of 6 credits (or two additional courses) from the following list of CAHNR course options: AH 3000, 3021, 3101, 3133, 3203, 3234, 3571, 4225, 4242, 4243, 4297W, 4503; DIET 3230; NUSC 2200, 4250. Other courses may be used to meet this requirement pending advisor and department head approval. Courses cannot **also** be used to meet Group A-2 requirements.

Health Sciences Concentration

Group A major courses: (A-1) AH 4239 and 4240W; **(A-2)** AH 2001 plus two of the following: AH 3000, 4242, 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, 4092, 4225, 4243, 4297W; DGS 3222, 3226, 4224, 4234, 4246; MLSC 3130; 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:

Allied Health Sciences (no concentration)

Group A major Courses (no concentration): (A-1) AH 4239 and 4240W; and **(A-2)** AH 2001; and **(A-3)** a 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, **3320**, 3571, 3574, 4092, 4225, 4242, 4243, 4244, 4297W, 4503; DIET 3230; DGS 3222, 3226, 4224, 4234, 4246; MLSC 3130; NUSC 2200, 4236, 4250; PVS 3100, 4300. Other courses may be used to meet this requirement pending advisor and department head approval.

Public Health and Health Promotion Concentration

Group A Major courses: (A-1) AH 4239 and 4240W; **(A-2)** all of the following: AH 2001, 3005, 3175, 3231 and 4244; and **(A-3)** minimum of 6 credits (or two additional courses) from the following list of CAHNR course options: AH 3000, 3021, 3101, 3133, 3203, 3234, **3320**, 3571, 4225,

4242, 4243, 4297W, 4503; DIET 3230; NUSC 2200, 4250. Other courses may be used to meet this requirement pending advisor and department head approval. Courses cannot **also** be used to meet Group A-2 requirements.

Health Sciences Concentration

Group A major courses: (A-1) AH 4239 and 4240W; **(A-2)** AH 2001 plus two of the following: AH 3000, 4242, 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, **3320**, 4092, 4225, 4243, 4297W; DGS 3222, 3226, 4224, 4234, 4246; MLSC 3130; 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 15-16-63

E. The Department of Animal Science proposes the following:

1. ADD: ANSC 3318 Probiotics and Prebiotics. Effective Spring 2017 (Gary and Tom)

Proposed Title and Complete Catalog Copy:

ANSC 3318: Probiotics and Prebiotics. Three credits. Three 50 min class periods. Recommended or concurrent registration preparation: MCB 2610 or equivalent.

Biology, uses, effectiveness and safety of probiotics and prebiotics. Molecular mechanisms underlying the health benefits attributed to the consumption of pre and probiotics. Application of pre and probiotics to promote human and animal health, including safety and regulation.

MOTION PASSED CAHNR CC 15-16-64

2. ADD: ANSC 5618 Probiotics and Prebiotics. Effective Spring 2017 (Gary and Tom)

Proposed Title and Complete Catalog Copy:

ANSC 5618: Probiotics and Prebiotics. Three credits. Three 50 min class periods.

A background in general microbiology or concurrent registration in a microbiology course is recommended.

Biology, uses, effectiveness and safety of probiotics and prebiotics. Molecular mechanisms underlying the health benefits attributed to the consumption of pre and probiotics. Application of pre and probiotics to promote human and animal health, including safety and regulation.

MOTION PASSED CAHNR CC 15-16-65

IV. Report from Academic Programs: None

V. Other Business: None

VI. Time and Place of next meeting. December 11 or 18, 2015, 1:30 pm 209 WBY

VII. Adjourn 2:11 pm