

CAHNR Curricula and Courses Committee
Meeting Minutes *Final*
1:30 pm April 21, 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, Tom Meyer, Jon Rizzo, Sarah Tremblay, and 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**

III. New Business:

A. The Department of Animal Science proposes the following:

1. REVISE: Plan B MS (non-thesis) Master's of Science Degree in Animal Science. Change minimum credits from 24 to 30. Effective Fall 2017 (Gary and Tom)

Current Catalog Copy:

The Plan B program of study must include a minimum of 24 credits of formal course work, with at least two, but not more than four credits devoted to a special research project. Plan B M.S. students are exempt from the ANSC 5694 requirement, but must take ANSC 5693 once...

Revised Catalog Copy:

The Plan B program of study must include a minimum of 30 credits of formal course work, of which a minimum of 24 credits must include formal coursework, and a minimum of 4 credits must include research (ANSC 5692) or independent study (5699), with at least two, but not more than four credits devoted to a special research project. Plan B M.S. students are exempt from the ANSC 5694 requirement, but must take ANSC 5693 once...

MOTION PASSED CAHNR CC 16-17 99

2. REVISE: Plan A MS (Research/Thesis) Master's of Science Degree in Animal Science. Change from a minimum of 15 credits to a minimum of 30 credits of

formal course work exclusive of research and independent study credits.
Effective Fall 2017 (Gary and Lauren)

Current Catalog Copy:

Plan A programs of study must include a minimum of 15 credits of formal course work, exclusive of research and independent study credits.

Revised Catalog Copy:

Plan A MS (Research/Thesis) students must complete a minimum of 30 credits, of which a minimum of 18 credits must include formal coursework, and a minimum of 9 credits must include Thesis Research (Grad 5950) or Full-Time Master's Research (GRAD 5960). The formal coursework cannot include research (ANSC 5692) and independent study (ANSC 5699).

MOTION PASSED CAHNR CC 16-17-100

B. The Department of Environmental Sciences proposes the following:

1. REVISE: Environmental Sciences Major Change a Major. Add course options to the major. Last revised: September 24, 2013. Add GSCI 4210 and GSCI 4110 as options to the Natural Science learning competency in the Global Change concentration and NRE 4735/GSCI 4735 to the Methods knowledge competency also in the Global Change concentration. (Lauren and Mark)

Natural Science

CHEM 4370, 4371; EEB 2244/W, 2245/W, 3247; EEB 3230/MARN 3014; EEB/GSCI 4120; GEOG 2300; MARN 2002, 2060, 3003Q, 4030W, 4060; NRE 2455, 3125, 3145, 3205; SOIL 2120, 3410.

Students must complete at least one course from each of the following Knowledge Competencies.

Methods

CE 2251; CE/ENVE 3530/GSCI 3710; EEB 4230W; GEOG 3500Q; GEOG/GSCI 4230; GEOG/MARN 3505; MARN 3003Q; NRE 2000, 2010, 3305, 3345/W, 3535, 4335, 4475, 4535, 4544, 4545, 4575, 4665; PHYS 2400; STAT 2215Q, 3025Q.

REVISED CATALOG COPY

Natural Science

CHEM 4370, 4371; EEB 2244/W, 2245/W, 3247; EEB 3230/MARN 3014; **GSCI 4110**; EEB/GSCI 4120; **GSCI 4210**; GEOG 2300; MARN 2002, 2060, 3003Q, 4030W, 4060; NRE 2455, 3125, 3145, 3205; SOIL 2120, 3410.

Students must complete at least one course from each of the following Knowledge Competencies.

Methods

CE 2251; CE/ENVE 3530/GSCI 3710; EEB 4230W; GEOG 3500Q; GEOG/GSCI 4230; **NRE /GSCI 4735**; GEOG/MARN 3505; MARN 3003Q; NRE 2000, 2010, 3305, 3345/W, 3535, 4335, 4475, 4535, 4544, 4545, 4575, 4665; PHYS 2400; STAT 2215Q, 3025Q.

MOTION PASSED CAHNR CC 16-17 101

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

1. REVISE: Catalog Description for the major. Add a sentence to the catalog specifying that at least one course in the 36 credit group must come from a Department other than NRE. Effective Spring 2018 (Tom and Sal)

CURRENT CATALOG COPY:

All Natural Resources majors must pass the following core requirements:

NRE 1000, 2000, 2010, 3000, 4000W, 4094, BIOL 1107 or 1108 or 1110, CHEM 1122 or 1124Q or 1127Q, MATH 1060Q or 1131Q, SOIL 2120 and 2125 or GSCI 1050, PHYS 1201Q or 1401Q, STAT 1100

REVISED CATALOG COPY:

All Natural Resources majors must pass the following core requirements:

NRE 1000, 2000, 2010, 3000, 4000W, 4094, BIOL 1107 or 1108 or 1110, CHEM 1122 or 1124Q or 1127Q, MATH 1060Q or 1131Q, SOIL 2120 and 2125 or GSCI 1050, PHYS 1201Q or 1401Q, STAT 1100.

At least one course in the 36 credit group must come from a Department other than NRE. Effective Spring 2018

MOTION PASSED CAHNR CC 16-17-102

2. DROP: NRE 5565 Digital Terrain Modeling – (CAR 17-3330) Effective Fall 2017 (Tom and Rhonda)

MOTION PASSED CAHNR CC 16-17 103

3. ADD: New Section of NRE 4695 Special Topics: Messy world, wicked problems: sorting it out with critical thinking. CAR 17-3416 First time offering. (Tom and Jon)

Title of section to be: Messy world, wicked problems: sorting it out with critical thinking. One Credit. Prerequisite: Open to juniors or higher; open only with consent of instructor.

MOTION PASSED CAHNR CC 16-17-104

D. The Department of Kinesiology proposes the following:

1. REVISE: PT 5461 Acute Care Practicum. Change Title to: Clinical Education I. and revise catalog copy (CAR 17-3351) (S/U graded) Effective Fall 2018. (Jon and Rhonda)

CURRENT CATALOG COPY:

PT 5461, Acute Care Practicum. Under close supervision by an experienced, licensed Physical Therapist, students will perform patient management functions for patients in a hospital. The course is held off campus at individually assigned clinical facilities throughout the country. Each student is assigned one or two clinical instructors who are physically present and immediately available for direction and supervision.

REVISED CATALOG COPY:

PT 5461, Clinical Education I. Under close supervision by a licensed Physical Therapist, students will participate as a member of the health care team to provide patient care in an inpatient or outpatient setting for 10 weeks. Patient care settings may include but are not limited to: Acute Care, Orthopedics, Neuro-Rehabilitation or specialties including but not limited to pediatrics, oncology, or women's health. The course is held off campus at individually assigned clinical facilities throughout the country. Each student is assigned one or two clinical instructors who are physically present and immediately available for direction and supervision.

MOTION PASSED CAHNR CC 16-17-105

2. REVISE: PT 5464 Musculoskeletal Practicum Change Title to: Clinical Education II and revise catalog copy (CAR 17- 3350) (S/U graded) Effective Fall 2018. (Jon and Gary)

CURRENT CATALOG COPY:

PT 5464, Musculoskeletal Practicum. Under close supervision by an experienced, licensed Physical Therapist, students will perform all patient management functions for patients in an outpatient orthopedic setting. The course is held off campus at individually assigned clinical facilities throughout the country. Each student is assigned one or two clinical instructors who are physically present and immediately available for direction and supervision. Through this experience, students learn to apply their didactic education to the management of patients with musculoskeletal conditions.

REVISED CATALOG COPY:

PT 5464, Clinical Education II. Under close supervision by a licensed Physical Therapist, students will participate as a member of the health care team to provide patient care in an inpatient or outpatient setting for 10 weeks. Patient care settings may include but are not limited to: Acute Care, Orthopedics, Neuro-Rehabilitation or specialties including but not limited to pediatrics, oncology, or women's health. The course is held off campus at individually assigned clinical facilities throughout the country. Each student is assigned one or two clinical instructors who are physically present and immediately available for direction and supervision.

MOTION PASSED CAHNR CC 16-17-106

3. REVISE: PT 5467 Neuromuscular/Rehabilitation. Change Title to: Clinical Education III and revise catalog copy (CAR17-3353) (S/U graded) Effective Spring 2018 (Jon and Emma)

CURRENT CATALOG COPY:

PT 5467, Neuromuscular/Rehabilitation Practicum. Under close supervision by an experienced, licensed Physical Therapist, students will perform all patient management functions for patients in a setting where the team approach is used to improve functional abilities and prevent disability. The course is held off campus at individually assigned clinical facilities throughout the country. Each student is assigned one or two clinical instructors who are physically present and immediately available for direction and supervision. Through this experience, students learn to apply their didactic education to the management of adult patients with neurological conditions, amputations, spinal cord injuries and other diagnoses requiring relatively lengthy rehabilitation services.

REVISED CATALOG COPY:

PT 5467, Clinical Education III. Under close supervision by a licensed Physical Therapist, students will participate as a member of the health care team to provide patient care in an inpatient or outpatient setting for 12 weeks. Patient care settings may include but are not limited to: Acute Care, Orthopedics, Neuro-Rehabilitation or specialties including but not limited to pediatrics, oncology, or women's health. The course is held off campus at individually assigned clinical facilities throughout the country. Each student is assigned one or two clinical instructors who are physically present and immediately available for direction and supervision.

MOTION PASSED CAHNR CC 16-17-107

4. REVISE: PT 5469 Integrated Acute Care Practicum. Change Title to: Integrated Clinical Experience, Acute Care. (CAR 17-3458) (S/U graded) Effective Fall 2018. (Jon and Gary)

CURRENT CATALOG COPY:

PT 5469 Integrated Acute Care Practicum. This course provides students with clinical experience at hospitals and subacute health care facilities. Students will observe and will assist as appropriate with patient care under the supervision and direction of a licensed physical therapist. The course allows students to integrate and apply the didactic component of the curriculum in an acute or subacute environment. It is designed to foster the student's appreciation for the multidisciplinary nature of hospital care.

REVISED CATALOG COPY:

PT 5469 Integrated Clinical Experience, Acute Care. This course provides students with clinical experience at hospitals and subacute health care facilities. Students will observe and will assist as appropriate with patient care under the supervision and direction of a licensed physical therapist. The course allows students to integrate and apply the didactic component of the curriculum in an

acute or subacute environment. It is designed to foster the student's appreciation for the multidisciplinary nature of hospital care.

MOTION PASSED CAHNR CC 16-17-108

5. REVISE: PT 5462 Internal Integrated Musculoskeletal Clinical Practicum I.
Change Title to: Integrated Clinical Experience, Musculoskeletal I. (CAR 17-3459)
Effective Summer 2, 2018 (Jon and Lauren)

CURRENT CATALOG COPY:

PT 5462 Internal Integrated Musculoskeletal Clinical Practicum I. A clinical experience that provides students the opportunity to integrate interventions learned in PT 5452 in an outpatient setting. Students will develop and administer plans of care that include therapeutic exercise and physical agents for outpatients with various musculoskeletal conditions.

REVISED CATALOG COPY:

PT 5462 Integrated Clinical Experience, Musculoskeletal I. A clinical experience that provides students the opportunity to integrate interventions learned in PT 5452 in an outpatient setting. Students will develop and administer plans of care that include therapeutic exercise and physical agents for outpatients with various musculoskeletal conditions.

MOTION PASSED CAHNR CC 16-17-109

6. REVISE: PT 5463 Internal Integrated Musculoskeletal Clinical Practicum II.
Change Title to: Integrated Clinical Experience, Musculoskeletal II. (CAR17-3460)
Effective Fall 2018 (Jon and Sal)

CURRENT CATALOG COPY:

PT 5463 Internal Integrated Musculoskeletal Clinical Practicum II. A clinical experience that provides students the opportunity to integrate interventions learned in PT 5453 and PT 5454 in an outpatient setting. Students will utilize examination and manual therapy skills in the development and implementation of plans of care for outpatients with various musculoskeletal conditions.

REVISED CATALOG COPY:

PT 5463 Integrated Clinical Experience, Musculoskeletal II. A clinical experience that provides students the opportunity to integrate interventions learned in PT 5453 and PT 5454 in an outpatient setting. Students will utilize examination and manual therapy skills in the development and implementation of plans of care for outpatients with various musculoskeletal conditions.

MOTION PASSED CAHNR CC 16-17-110

7. REVISE: PT 5466 Internal Integrated Neuromuscular Clinical Practicum.
Change Title to: Integrated Clinical Experience, Neuromuscular (S/U graded) (CAR 17-3461). Effective Spring 2018 (Jon and Sal)

CURRENT CATALOG COPY:

PT 5466 Internal Integrated Neuromuscular Clinical Practicum. A clinical experience that provides students the opportunity to integrate interventions learned in PT 456 and PT 457 in a clinical setting. Students will utilize examination and intervention skills in the development and implementation of plans of care for patients with various neuromuscular conditions.

REVISED CATALOG COPY:

PT 5466 Integrated Clinical Experience, Neuromuscular. A clinical experience that provides students the opportunity to integrate interventions learned in PT 5455 and PT 5456 in a clinical setting. Students will utilize examination and intervention skills in the development and implementation of plans of care for patients with various neuromuscular conditions.

MOTION PASSED CAHNR CC 16-17-111

8. DROP: PT 5468 Individualized Practicum. (CAR 17- 3352) Effective Fall 2017 (Jon and Tom)

MOTION PASSED CAHNR CC 16-17-112

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

1. REVISE: SPSS 3820 Ecology and Control of Weeds. Add BIOL 1108 and SPSS 1120 to prerequisite options. Effective Fall 2017 (Mark and Sal)

CURRENT CATALOG COPY:

SPSS 3820. Ecology and Control of Weeds Three credits. Two class periods and one 2-hour laboratory. Prerequisite: BIOL 1110. Guillard Weed origin and classification. Losses caused by weeds. Weed competition. Weed seed production, dormancy and germination. Cultural, mechanical, biological and chemical control methods. Weed identification.

REVISED CATALOG COPY:

SPSS 3820 Ecology and Control of Weeds Three credits. Two class periods and one 2-hour laboratory. Prerequisite: BIOL 1108 or 1110; or SPSS 1120. Guillard Weed origin and classification. Losses caused by weeds. Weed competition. Weed seed production, dormancy and germination. Cultural, mechanical, biological and chemical control methods. Weed identification.

MOTION PASSED CAHNR CC 16-17-113

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

1. ADD: AH 3020 Human Physiology in Health and Disease. (CAR 17-3138) Effective Fall 2017 (Lauren and Rhonda)

PROPOSED CATALOG COPY:

AH 3020 Human Physiology in Health and Disease Three credits. Prerequisite: BIOL 1107; Open only to majors in Allied Health Sciences, Diagnostic Genetic Sciences, Environmental Sciences Concentration in Human Health, Kinesiology,

Medical Lab Sciences, and **Nutritional Sciences**; juniors and higher; others by consent. Open by consent of instructor for only 2 credits to students who have passed PNB 2264 or 2265 or 2274 or 2275 or equivalent. An overview of the structure and function of the human body in health and common pathologic conditions associated with each organ system. Does not satisfy the anatomy and physiology admission requirements for undergraduate or post-baccalaureate health programs that require anatomy and physiology with lab.

Discussion: Nutritional Sciences was added to the list of approved majors. An “s” was added to Environmental Science

MOTON PASSED WITH REVISIONS CAHNR CC 16-17-114

2. REVISE: Group A-3 for the Allied Health Sciences major standard plan, Public Health and Health Promotion and the Health Sciences concentrations. Add AH 3020: Human Physiology in Health and Disease as an option. Effective Fall 2017. (Lauren and Tom)

Current catalog copy:

Standard plan:

Group A major Courses: (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, 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.

Public Health and Health Promotion

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 six credits (or two additional courses) from the following list of CAHNR course options. AH 3000, 3021, 3101, 3133, 3203, 3234, 3302, 3303, 3320, 3570, 3571, 3574, 4225, 4242, 4243, 4297W, 4501, 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 eight 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; 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, 3020, 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.

Public Health and Health Promotion

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 six credits (or two additional courses) from the following list of CAHNR course options. AH 3000, 3020, 3021, 3101, 3133, 3203, 3234, 3302, 3303, 3320, 3570, 3571, 3574, 4225, 4242, 4243, 4297W, 4501, 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 eight credits (or three additional courses) from the following list of CAHNR course options; AH 3005, 3020, 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 16-17-115

3. REVISE: MLS program and graduation requirement. Add AH 3020 Human Physiology in Health and Disease as a requirement. Effective Fall 2017. (Lauren and Gary) (See next motion for catalog copy)

MOTION PASSED CAHNR CC 16-17-116

4. REVISE: MLS program and graduation requirement. Remove PVS 4300 Pathobiology as a requirement. Effective Fall 2017. (Lauren and Sal)

Current catalog copy:

Requirements

The course requirements listed below may also be used to satisfy the University's General Education requirements

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.

Revised Catalog copy:

Requirements

The course requirements listed below may also be used to satisfy the University's General Education requirements

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~~ AH 3020 or PNB 2264 and 2265 or 2274 and 2275.

MOTION PASSED CAHNR CC 16-17-117

G. Agriculture and Natural Resources (AGNR) proposes the following:

1. ADD: A section of AGNR 3095 Special Topics: Food and Revolution: the Cuban Experience (CAR 17-3590) Effective Winter Intersession 2018 (Emma and Mark)

Discussion: The submission lacked clarity on how three credits worth of coursework was being achieved over a two week period.

MOTION TABLED CAHNR CC 16-17-118

IV. Report from Academic Programs: Pat Jepson noted that the Academic Programs Staff were getting ready for commencement and the scholarship selection process. Also that there are courses listed under the AGNR heading (1089 and 1098) that can be used by any department within college as needed.

V. Other Business:

Sal Frasca said that he has accepted a position at the University of Florida Veterinary School in Gainesville to start in June. He has been on the committee since 2000. The committee thanked him for all his service and wished him the best in the future.

The CAHNR CC committee has enjoyed having Sal as a member and will miss him. We hope his replacement will be as dedicated to our mission as he was.

VI. Time and Place of next meeting. September 1 or 15, 2017 209 WBY?

VII. The meeting was adjourned at 3:24 pm.