

CANR Curricula and Courses Committee

October 15, 2010

MINUTES

I. The meeting was called to order at 2:06 pm by Mike Darre. Members present: present were Marilyn Altobello, Rhonda Brownbill, Mike Darre, George Elliott, Cameron Faustman, Sal Frasca, Susan Gregoire, Pat Jepson, Gary Kazmer and Mark Rudnicki. Guest: Colby Langweiler from OAP.

II The minutes of October 1, 2010 were approved with minor revisions.

III. Old Business: It has been proposed to Drop the Aquaculture Minor. CLAS has approved the proposal. We are awaiting approval from ANSC and ARE to drop the minor, since they both have courses listed. ARE approved dropping the minor on 9/29/10. ANSC approved dropping the minor on 10/15/2010.

Motion Passed CANR CC 10-11-31

IV. New Business

A. Plant Science

1. ADD TURF 2200 Athletic Field Management

Proposed Title and Complete Catalog Copy:

TURF 2200 Athletic Field Management-First semester, even-numbered years.

Three Credits. Three class periods. Henderson

Management strategies associated with heavily used athletic fields. Sport specific focus on mowing, fertilization, irrigation, core cultivation, overseeding, and pest control. Areas of emphasis will include: playing surface renovation, optimizing wear tolerance, maximizing turfgrass recovery, traffic management, and game day preparations.

Motion Passed CANR CC 10-11-32

B. Natural Resources and the Environment

1. Revise: NRE 3305 (African Field Ecology and Renewable Resources Management)

Current Title and Catalog Copy:

3305. African Field Ecology and Renewable Resources Management (207) (Formerly offered as NRME 3305.) (Also offered as EEB 3307 and EEB 5307.) Second semester. Four credits. One class period during the semester, followed by three weeks in the field in South Africa. Recommended preparation: EEB 2244. Instructor consent required. Ortega

An intensive, field oriented methods course conducted primarily in South Africa at the Basil Kent Field Station, Great Fish River Reserve in collaboration with the University of Fort Hare. An introduction to South Africa culture and history, ecology, and natural resources is provided in weekly meetings during the semester. This is followed by three weeks in the field in South Africa. Topics covered include vegetation and faunal surveys,

data collection and analysis, biodiversity monitoring, and conservation management. A research paper relating to an independent project conducted by the student in the field is required. CA 4-INT.

Revised Title and Catalog Copy:

3305 African Field Ecology (Also offered as EEB 3307 and EEB 5307). Second semester. Four credits. One class period during the semester, followed by three weeks in the field in South Africa. Recommended preparation: NRE 2345 and EEB 2244. Instructor consent required. Ortega

An intensive, field oriented methods course conducted in South Africa. An introduction to South African culture and history, ecology, and natural resources is provided in weekly meetings during the semester. This is followed by approximately three weeks in the field in South Africa (a required part of the course). Topics covered include vegetation and faunal surveys, data collection and analysis, biodiversity monitoring, conservation management, and other selected themes. CA 4-INT

Motion Passed CANR CC 10-11-33

2. Revise: NRE 4455 (Forest Ecology)

Current Title and Catalog Copy:

4455 (285) Forest Ecology (Formerly offered as NRME 4455.)

First semester. Three credits. Two class periods and one 3-hour laboratory.

Prerequisite: NRE 2415, may be taken concurrently; open to juniors or higher. Rudnicki

Ecological basis of forest management. Ecological diversity and relationships to the physical environment (light, temperature, soil, etc.); the influence of time (succession, disturbance, stand dynamics) and space (landscape ecology, ecosystem management) on forest ecosystem dynamics; forest production ecology and nutrient cycling. Laboratory will be in the field or in computer lab.

Revised Title and Catalog Copy:

4455 Forest Ecology (Formerly offered as NRME 4455.)

First semester. Three credits. Two class periods and one 3-hour laboratory.

Recommended preparation: NRE 2415; open to juniors or higher. Rudnicki
Ecological basis of forest management. Ecological diversity and relationships to the physical environment (light, temperature, soil, etc.); the influence of time (succession, disturbance, stand dynamics) and space (landscape ecology, ecosystem management) on forest ecosystem dynamics; forest production ecology and nutrient cycling. Laboratory will be in the field or computer lab.

Motion Passed CANR CC 10-11-34

1. Revise: Concentration in Environmental conservation

Proposed Environmental Conservation concentration (total credits 28 to 35) Approved by NRE Faculty 10/1/10

Students must pass the following courses (20-25 credits):

Course	Crs	Name	Semester	Action
ARE 1150 or ECON 1201	3	Principles of Agricultural and Resource Economics Principles of Microeconomics	Either, every year	
COMM 1100	3	Principles of Public Speaking	Either, every year	
EEB 2244 or EEB 2244w	4	General Ecology	Either, every year	
EEB 3205	3	Current Issues in Environmental Science	Fall, alternate yrs	Deletion
NRE 1235	3	Environmental Conservation	Spring, every year	
NRE 3245	3	Environmental Law	Spring, every year	
NRE 3690	1-6	Field Study Internship	All	
NRE 2XXX+	3	Any NRE course 2000 or higher	Various	Deletion
NRE 2XXX+	3	Any NRE course 2000 or higher	Various	Deletion
NRE 3246	3	Human Dimensions of Natural Resources	Fall, every year	Addition

Three courses from the following (8-10 credits):

Course	Crs	Name	Semester	Action
ARE 3434 or ARE 3434 + ARE 3440W	3 4 cr	Environmental and Resource Policy	Either, every year	
ARE 4438	3	Valuing the Environment	Spring, every year	
ARE4462	3	Environmental and Resource Economics	Either, every year	
COMM 4410W	3	Government Communication	Either	Addition
PHIL 3216	3	Environmental Ethics	not being taught	Deletion
POLS 3842	3	Public Administration	Either, every year	
SOCI 3407	3	Energy, Environment and Society	Either, every year	
NRE 4600	2	Current Topics in Environmental and Natural Resources	Fall, every year	Addition

Motion Passed CANR CC 10-11-35

2. Revise: Concentration in Forest Resources

Proposed Forest Resources concentration (total credits 30 to 35) Approved by NRE Faculty 10/1/2010

Students must pass the following courses (23-28 credits):

Course	Crs	Name	Semester	Action
NRE 1315	3	Introductory Wildlife Ecology and Conservation	Fall, every year	
NRE 2415	3	Dendrology	Fall, every year	
NRE 3125	3	Watershed Hydrology	Spring, alternate even	
NRE 3335	3	Wildlife Management	Spring, every year	
NRE 3475	4	Forest Management	Spring, alternate odd	
NRE 3690	1-6	Field Study Internship	All	
NRE 4455	3	Forest Ecology	Fall, every year	
PLSC 3840	3	Integrated Pest Management	Spring, every year	

Choose one the following (4 credits):

Course	Crs	Name	Semester	Action
NRE 3252	4	Geographic Information Science for Natural Resources Management	Spring, every year	
NRE 4575	4	Natural Resource Applications of GIS	Fall, every year	

Choose one the following (3 credits):

Course	Crs	Name	Semester	Action
NRE 3246	3	Human Dimensions of Natural Resources	Fall, every year	Addition
ARE 3434 or ARE 3434 + 3440W	3 4	Environmental and Resource Policy	Either, every year	

Motion Passed CANR CC 10-11-36

C. Allied Health Sciences

1. DROP: Drop: DGS 4650 DNA Technology in Forensic Science Effective Fall 2011.

Motion Pased CANR CC 10-11-37

2. Revise: AH 3175 Environmental health to add a recommended preparation and open to ENGR students. Effective Fall 2011.

Current catalog copy:

3175. Environmental Health (226) (Formerly offered as ANSC 226.) First semester. Three credits. Prerequisite: BIOL 1102 or equivalent; CHEM1122 or equivalent; open to CCS students, Environmental Sciences and Allied Health Sciences majors, others with instructor consent; open to juniors or higher.

Silbart

Course will focus on the environmental health consequences of exposure to toxic chemicals, food contaminants and radiation. Basic principles of toxicology will be discussed, followed by lectures on specific topics such as: cancer, occupational hazards, radiation, genetic biomonitoring, risk assessment techniques, risk/benefit analysis, social/legal aspects of regulating toxic chemicals, and other related topics.

Revised catalog copy: **(add recommended preparation; and open to ENGR)**

3175. Environmental Health (Formerly offered as ANSC 226.) First semester. Three credits. Prerequisite: BIOL 1102 or equivalent; CHEM 1122 or equivalent; **recommended preparation: a course in animal anatomy and physiology**; open to Allied Health Sciences majors, CCS students, Environmental Sciences and **ENGR** majors, others with instructor consent; open to juniors or higher. *Silbart*

Course will focus on the environmental health consequences of exposure to toxic chemicals, food contaminants and radiation. Basic principles of toxicology will be discussed, followed by lectures on specific topics such as: cancer, occupational hazards, radiation, genetic biomonitoring, risk assessment techniques, risk/benefit analysis, social/legal aspects of regulating toxic chemicals, and other related topics.

Motion Passed CANR CC 10-11-38

3. Revise: DIET 4350 to add DIET 3231W as a prerequisite. Effective Fall 2011

Current catalog copy:

4350. Applied Medical Nutrition Therapy III (233) First semester. Three credits. Prerequisite: Student must earn a "C" or better in DIET 3215, 3230, 3235, 3250, 3255, 3272; open only to Dietetics majors; others by consent of Dietetics Program Director. *Kerstetter*

Medical nutrition therapy for complex medical problems. Continuation of DIET 3250.

Revised catalog copy: **(add DIET 3231W as a prerequisite)**

4350. Applied Medical Nutrition Therapy III . First semester. Three credits. Prerequisite: Student must earn a "C" or better in DIET 3215, 3230, **3231W**, 3235, 3250, 3255, 3272; open only to Dietetics majors; others by consent of Dietetics Program Director. *Kerstetter*

Medical nutrition therapy for complex medical problems. Continuation of DIET 3250

Motion Passed CANR CC 10-11-39

4. Revise: DIET 4360 to add DIET 3231W as a prerequisite. Effective Fall 2011

Current catalog copy:

4360. Contemporary Nutrition Practice (234) First semester. Three credits. Prerequisite: Student must earn a "C" or better in DIET 3215, 3230, 3235, 3250, 3255, 3272; open only to Dietetics majors; others by consent of Dietetics Program Director. *Duffy*

Application of knowledge, skills, and competencies affecting contemporary nutrition practice in the clinical dietetics, food service management, and community nutrition settings.

Revised catalog copy: **(add DIET 3231W as a prerequisite)**

4360. Contemporary Nutrition Practice First semester. Three credits. Prerequisite: Student must earn a "C" or better in DIET 3215, 3230, **3231W**, 3235, 3250, 3255, 3272; open only to Dietetics majors; others by consent of Dietetics Program Director. *Duffy*

Application of knowledge, skills, and competencies affecting contemporary nutrition practice in the clinical dietetics, food service management, and community nutrition settings.

Motion Passed CANR CC 10-11-40

5. Revise DIET 4415 to add DIET 4272 as a prerequisite. Effective Fall 2011

Current catalog copy:

4415. Food Service Management Practicum II (244) Second semester. Three credits. Prerequisite: Student must earn a "C" or better in DIET 4350, 4360, 4365, 4370; open only to Dietetics majors; others by consent of Dietetics Program Director.

Application and synthesis of performance requirements in food service systems.

Revised catalog copy: **(add DIET 4272 as a prerequisite)**

4415. Food Service Management Practicum II Second semester. Three credits. Prerequisite: Student must earn a "C" or better in DIET **4272**, 4350, 4360, 4365, 4370; open only to Dietetics majors; others by consent of Dietetics Program Director.

Application and synthesis of performance requirements in food service systems.

Motion Passed CANR CC 10-11-41

6. Revise DIET 4455 to add DIET 4272 as a prerequisite Effective Fall 2011.

Current catalog copy:

4455. Clinical Dietetics Practicum III (249) Second semester. Four credits. Prerequisite: Student must earn a "C" or better in DIET 4350, 4360, 4365, 4370; open only to Dietetics majors; others by consent of the Dietetics Program Director.

Application and synthesis of performance requirements in clinical dietetics.

Revised catalog copy: **(add DIET 4272 as a prerequisite)**

4455. Clinical Dietetics Practicum III Second semester. Four credits. Prerequisite: Student must earn a "C" or better in DIET **4272**, 4350, 4360, 4365, 4370; open only to Dietetics majors; others by consent of the Dietetics Program Director.

Application and synthesis of performance requirements in clinical dietetics.

Motion Passed CANR CC 10-11-42

7. Revise DIET 4470 to add DIET 4272 as a prerequisite Effective Fall 2011.

Current catalog copy:

DIET 4470. Seminar in Dietetics (247) Second semester. Two credits. Prerequisite: Student must earn a "C" or better in DIET 4350, 4360, 4365, 4370; open only to Dietetics majors; others by consent of the Director of Dietetics.

Special problems and issues in dietetics. The management role in patient care, nutrition education, and the integration of nutrition and food service units.

Revised catalog copy: **(add DIET 4272 as a prerequisite)**

4470. Seminar in Dietetics Second semester. Two credits. Prerequisite: Student must earn a "C" or better in DIET **4272**, 4350, 4360, 4365, 4370; open only to Dietetics majors; others by consent of the Director of Dietetics.

Special problems and issues in dietetics. The management role in patient care, nutrition education, and the integration of nutrition and food service units.

Motion Passed CANR CC 10-11-43

8. Revise: DIET 4370 to drop prerequisite that student must earn a "C" or better in DIET 3215, 3230, 3235, 3250, 3255, 3272, 4272. Effective Fall 2011. to add prerequisite that student must earn a "C" or better in 4272, 4350, 4360, and 4365. Effective Fall 2011.

Current catalog copy:

4370. Advanced Nutrition for the Dietetics Practitioner (238) Second semester. Three credits. Hours by arrangement. Prerequisite: Student must earn a "C" or better in DIET 3215, 3230, 3235, 3250, 3255, 3272, 4272; open only to Dietetics majors; others by consent of Director of Dietetics.

Kerstetter

Relationship of nutrients to each other and to body function.

Revised catalog copy: **(remove prerequisites "C" or better in DIET 3215, 3230, 3235, 3250, 3255, 3272, and 4272 and add prerequisites student must earn a "C" or better in 4272, 4350, 4360, and 4365)**

4370. Advanced Nutrition for the Dietetics Practitioner (238) Second semester. Three credits. Hours by arrangement. Prerequisite: Student must earn a "C" or better in DIET **4272, 4350, 4360, 4365**; open only to Dietetics majors; others by consent of Director of Dietetics. *Kerstetter*

Relationship of nutrients to each other and to body function.

Motion Passed CANR CC 10-11-44

9. Add: GPAH 5710. Genetics and Genomics of Health. Effective Fall 2011

Proposed catalog copy:

5710. Genetics and Genomics of Health First semester odd years. Three credits. Recommended preparation: a course in human genetics. Open by instructor consent.

The interaction of genetic, environmental, and behavioral factors in predisposition to disease, onset of disease, response to treatment and maintenance of health. Genetics and genomics in health promotion and disease prevention will be examined through seminars and literature review.

Motion Passed CANR CC 10-11-45

10. Add: GPAH 5700. Ethical Considerations in Genetics. Effective Fall 2011

Proposed catalog copy:

5700. Ethical Considerations in Genetics. First semester even years. Two credits. Recommended preparation: a course in human genetics. Open by instructor consent.

Conceptual and philosophical analysis of ethical issues specific and special to genetic testing and research. Presentations, case-studies and readings will cover topics such as world wide web genomics, access to genetic information, privacy and confidentiality, ownership, personal and societal perceptions, reproduction, utility and limitations of genetic data, education of physicians and patients, treatment versus enhancement, regulation and reimbursement, and other time-relevant issues.

Motion Passed CANR CC 10-11-46

12. Add: GPAH 5720: Chromosome and DNA Diagnostic Techniques. Effective Fall 2011

Proposed catalog copy:

5720. Chromosome and DNA Diagnostic Techniques. Either semester. One credit. Repeatable for credit with section change. Recommended preparation: a course in human genetics. Open by instructor consent.

Molecular and cytogenetic techniques utilized in clinical diagnostics. Sections taught in a series of modules, each focusing on a different technique and a clinical case. With a change of content, this course may be repeated for credit.

Motion Passes CANR CC 10-11-47

D. Nutritional Sciences

1. Revise: NUSC 2245 Profession of Dietetics. Change enrollment restrictions and revise course description.

Current Catalog Copy:

2245. Profession of Dietetics (245) First semester. One credit. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).
Brownbill

Overview of the profession of dietetics, including clinical, community, and food service management. Portfolio development will be introduced. Not open for credit to students who have passed NUSC 4295 when entitled Profession of Dietetics.

Proposed Catalog Copy:

2245. Profession of Dietetics (245) First semester. One credit. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).
Open only to NUSC Didactic Program students and others with consent.
Brownbill

Overview of the profession of dietetics, including clinical, community, and food service management. Portfolio development and **dietetic internship application process and preparation.**

Motion Passed CANR CC 10-11-48

E. Other Departmental Business. None

V. Report from Academic Programs:

A. Proposed motion for CANR-level requirements for Science (CA-3) and Quantitative

CANR C&C Proposed Motion for Science & Math Requirements

Students in the College of Agriculture and Natural Resources must pass at least two courses in Content Area 3, including at least one course from the list of four-credit laboratory courses; and at least two Quantitative (Q) courses, including at least one course in Mathematics or Statistics. Ordinarily, these requirements will be met by completing University general education courses and/or courses required by the Major. However, if a student receives a waiver from general education courses (e.g. based on completion of a previous baccalaureate degree) he or she must still complete the science and quantitative courses, as listed above.

Animal Science voted on 10-15-2010 to approve the motion. The committee is still awaiting comment and approval from other departments within the CANR

VI. Other Business None

VII. The meeting was a adjourn at 3:18 pm. Next meeting is November 5, 2010.