

**COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
CURRICULA AND COURSES COMMITTEE
SUMMARY REPORT FOR ACADEMIC YEAR 2008-09
May 15, 2009**

CANR GENERAL COURSES

It was moved to remove the current restrictions on overlap of courses and credits that can be used to fulfill requirements by both a major and a minor within the CANR as a CANR requirement and allow each department offering a minor to imposed restrictions on courses and credits as deemed necessary.

Motion Passed CANR 08-09-1

Agriculture Resource Economics

It was moved to approve the following adjustments to Resource Economics Major requirements.

Under “Competency Requirements”: Delete: ARE 1110 as a requirement and Add: ECON 1201 as an option to ARE 1150. New Text: “All Resource Economics majors must pass ARE 1150 or ECON 1201.” Motion Passed CANR 08-09-2.

Under “Competency Requirements”: Add: In order to fulfill the writing for the major requirement, all Resource Economics majors must pass at least one of the following: ARE 3261W or ARE 3440W. Motion Passed CANR 08-09-3

Under “Concentrations in Resource Economics”: For each of the three Concentrations described, name the “first line” (core) courses as “Group A” and the second collection of courses “Group B”. Then insert the sentence (New Text): “Majors choosing a concentration must take at least three courses from Group A and a sufficient number from Group B so that the total number of credits earned from both Groups is at least 18.” Motion Passed CANR 08-09-4

Move ARE 4093 (Foreign Study) from Group A in the International Development Concentration and place it in Group B, consistent with our other two concentrations. Motion Passed CANR 08-09-5

It was moved and seconded to approve the following ARE course re-numberings:

ARE 4081 Agribusiness Internship—Change to ARE 4981

ARE 4091 Resource Economics Internship—Change to ARE 4991

ARE 4093 Foreign Study—Change to ARE 4993

ARE 4094 Seminar—Change to ARE 4994

ARE 4095 Special Topics—Change to 4995

ARE 4099 Independent Study—Change to ARE 4999(

Justification: These changes are necessary so that these courses will fall at the end of the ARE course listing in the undergraduate catalogue instead of in the middle.) Motion Passed CANR 08-09-6

ADD: ARE 4444 Economics of Energy and the Environment. First semester. Three Credits. Open only to Juniors or Higher. Prerequisites: ARE 1150 or ARE 1200 or ARE 1201. Shah. Motion Passed CANR 08-09-34

REVISE: ARE 5499 Change in Title to: Independent Study in Agricultural and Resource Economics
Motion Passed CANR 08-09-35

REVISE: ARE 5305 – title change ARE 5303: THE ROLE OF AGRICULTURE & NATURAL RESOURCES IN ECONOMIC DEVELOPMENT Motion Passed CANR 08-09-40

REVISE: ARE 3255 – title change ARE 3255: THE ROLE OF AGRICULTURE & NATURAL RESOURCES IN ECONOMIC DEVELOPMENT Motion Passed CANR 08-09-41

REVISE: ARE 3225 – title and content change: ARE 3225: Price Analysis and Futures Trading
Motion Passed CANR 08-09-42

REVISE: ARE 3222 – title and content change: ARE 3222: Marketing and Consumer Behavior
Motion Passed CANR 08-09-43

REVISE: Resource Economics Concentrations:
In the “Marketing and Business Management” Concentration: Add ARE 3222 to Group A; and Add ARE 3221 to Group B.
Motion Passed CANRCC 08-09-74

In the “Environmental Economics and Policy” Concentration: Add ARE 4444 to Group A.
Motion Passed CANRCC 08-09-75

In the “International Development” Concentration: Add ARE 4444 and ARE 4464 to Group A; and move ARE 4279 from Group A to Group B.
Motion Passed CANRCC 08-09-76

REVISE: Catalog copy for Resource Economics Concentrations to reflect the changes approved:
Motion Passed CANRCC 09-09-77 (Effective Immediately)

REVISE: Agriculture and Resource Economics major requirements: Move ARE 4275 from Group B to Group A.
Motion Passed CANRCC08-09-94

REVISE: the Plan of Study for the Minor in Aquaculture Business Management as follows:
a) Delete the following statement: “No more than 6 credits of the courses listed above may be used toward requirements for the major or minor within the College of Agriculture and Natural Resources. (At least 12 credits must not duplicate courses used in the major.)”

b) Under requirements the statement should read: "All students are required to complete a minimum of 15 credits from the following two groups:"

Motion Passed CANR CC 08-09-100

REVISE: the Plan of Study for the Minor in Equine Business Management:

a) Delete the following statement: "No more than 6 credits of the courses listed above may be used toward requirements for the major or minor within the College of Agriculture and Natural Resources. (At least 12 credits must not duplicate courses used in the major)

Motion Passed CANR CC 08-09-101

Allied Health

It was moved and seconded to approve the following AHS items:

Allow PNB 2264 and 2265 (Human Physiology and Anatomy) or PNB 2274 and 2275 (Enhanced Human Physiology and Anatomy) as substitutes for the MT graduation requirement of PVS 4300 (Pathobiology), effective Fall 2008.

Motion Passed CANR 08-09-7

Add: Science elective for the MT program as a prerequisite and graduation requirement, effective Fall 2008. Below are some of the dept designations and courses that may be used to satisfy the science option for the MT major. Others may be substituted but require substitution/exemption approval.

Departmental Designations:

Animal Science (ANSC)

Biology (BIOL), except BIOL 1102 (102)

Chemistry (CHEM)

Molecular and Cell Biology (MCB)

Pathobiology (PVS), except PVS 4300 (297)

Physics (PHYS)

Physiology and Neurobiology (PNB), except PNB 2264 and 2265 or PNB 2274 and 2275 if used to fulfill the PVS 4300 requirement

Motion Passed CANR 08-09-8

Drop: the Biology option for the MT major. Effective Fall 2008. Item

Motion Passed CANR 08-09-9

Drop: CHEM 2242 (Organic Chemistry Laboratory) as a prerequisite and graduation requirement for the MT program, effective Fall 2008.

Motion Passed CANR 08-09-10

Add: AH 3121 (Immunology for Medical Laboratory Sciences), effective Fall 2009. (Rationale: This is a renumbering and renaming of MLS 3121 (208), all course contents, objectives, syllabi and prerequisites remain the same.)

Motion Passed CANR 08-09-11

Add: AH 3121: Immunology for Medical Laboratory Sciences as a graduation requirement for the Medical Technology and Diagnostic Genetic Sciences majors, with a successful completion of a grade of "C" or better, effective Spring 2009. (Rationale: AH 3121 now replaces MLS 3121 (208)).

Motion Passed CANR 08-09-12

Drop: MLS 3121 (208) as a graduation requirement for the Medical Technology and Diagnostic Genetic Sciences majors, effective Spring 2009. (Rationale: MLS 3121 is replaced by AH 3121.)

Motion Passed CANR 08-09-13

Drop MLS 3121W, effective Fall 2008.

Motion Passed CANR 08-09-14

Add: AH 2001 (Medical Terminology), effective Fall 2009.

Motion Passed CANR 08-09-15

Add: AH 2001 (Medical Terminology) as a graduation requirement for the Medical Technology major, with a successful completion of a grade of "C" or better, effective Fall 2009.

Motion Passed CANR 08-09-16

Add: MT 3301 (Basic Laboratory Techniques), effective Fall 2009.

Motion Passed CANR 08-09-17

Add: MT 3301 (Basic Laboratory Techniques), as a graduation requirement for the Medical Technology major, with a successful completion of a grade of "C" or better, effective Fall 2009.

Motion Passed CANR 08-09-18

Drop: MLS 3101 as a graduation requirement for the Medical Technology major, effective Fall 2009.

Motion Passed CANR 08-09-19

Drop: MLS 3101, effective Fall 2009.

Motion Passed CANR 08-09-20

Add: MT 3130: Infectious Disease Process I, effective Fall 2009.

Motion Passed CANR 08-09-21

Add: MT 3132: Laboratory for Infectious Disease Process I, effective Fall 2009.

Motion Passed CANR 08-09-22

Add: MT 3130: Infectious Disease Process I and MT 3132: Laboratory for Infectious Disease Process I as graduation requirements for the Medical Technology major, with a successful completion of a grade of "C" or better, effective Fall 2009.

Motion Passed CANR 08-09-23

Drop: MT 3131: Infectious Disease Process I as a program and graduation requirement for the Medical Technology major effective Fall 2009.

Motion Passed CANR 08-09-24

Drop: MT 3131: Infectious Disease Process I effective Fall 2009.

Motion Passed CANR 08-09-25

Drop: MLS 3111 (Anatomy and Physiology for the Medical Laboratory Sciences), effective Fall 2008.

Motion Passed CANR 08-09-26

Drop: MLS 4095 (Special Topics), effective Fall 2008.

Motion Passed CANR 08-09-27

Drop: MLS 4099 (Independent Study for Undergraduates), effective Fall 2008.

Motion Passed CANR 08-09-28

Drop: the MLS (Medical Laboratory Sciences) course code designation, effective Fall 2009.

Motion Passed CANR 08-09-29

REVISE: Plan of Study for minor in Nutrition for Exercise and Sport

- 1) AHS approved the use of the following two courses (AH 3231 and 3234) provided that students are made aware that access to the courses is on a space available basis.
- 2) EKIN dept to review and vote on inclusion of EKIN courses this week.
- 3) NUSC dept added the statement 'Pre-declaration is required to enroll in the course for this minor'.

Motion Passed CANR 08-09-44

REVISE: the 36-credit major and graduation requirements to the AHS major. Courses must be 2000-level or above and passed with a grade of C or better:

Group A: A minimum of 18 credits in major course work within the CANR (course requirements vary by concentration). Students may include a maximum of 6 credits of combined Foreign Study (AH 4093), Independent Study (AH 3099) and Internship credits (AH 3091) toward this requirement with advisor and department head approval.

Group B: A minimum of 18 credits in Related Cognate course work that speaks to the student's career goals and interests approved by the advisor and department head.

Effective Spring 2009.

Motion Passed CANR 08-09-48

ADD: AH 2001 (Medical Terminology) as a graduation requirement for the Diagnostic Genetic Sciences major, with a successful completion of a grade of "C" or better, effective Fall 2009.

Motion Passed CANR 08-09-49

ADD: Allied Health Sciences – Standard Plan

Beginning with the new catalog year (09-10) the major and graduation requirements for the Allied Health Sciences Standard Plan are: Courses must be passed with a grade of C or better.

Group A:

A-1 AH 2001, 4241W

A-2 and; two of the following: AH 2000 (pending approval), AH 4242, AH 4244

A-3 and; minimum of 8 credits (or three additional courses) from the CANR

Motion Passed CANR 08-09-50

ADD: Allied Health Sciences – Health Promotion Sciences

Beginning with the new catalog year (09-10) the major and graduation requirements for the Allied Health Sciences Health Promotion Sciences concentration are: Courses must be passed with a grade of C or better.

Group A:

A-1 AH 2001, 4241W

A-2 AH 3231

A-3 and; minimum of 11 credits (or three to four additional courses) from the CANR

Motion Passed CANR 08-09-51

ADD: Allied Health Sciences – Health Sciences

Beginning with the new catalog year (09-10) the major and graduation requirements for the Allied Health Sciences Health Sciences concentration are: Courses must be passed with a grade of C or better.

Group A:

A-1 AH 2001, 4241W

A-2 and; two of the following: AH 2000 (pending approval), AH 4242, AH 4244

A-3 and; minimum of 8 credits (or three additional courses) from the CANR

Motion Passed CANR 08-09-52

ADD: Add the following course and graduation requirement to the Allied Health Sciences Health Sciences concentration. Effective Spring 2009:

CHEM 2241 and CHEM 2242 or CHEM 2443 and 2444 and 2445

Motion Passed CANR 08-09-53

INFORMATIONAL Items: 1) Amend the department code for ANSC 5632 to GPAH 5632. Effective spring 2009 2) Cross list GPAH 5632 with PVS 5632. Effective Spring 2009

Motion Passed CANR 08-09-54

REVISE: the Math requirement for Allied Health Sciences to read the following:

Standard plan or concentration in Health Promotion Sciences: Math 1040Q or

1060Q or 1120Q, or higher. Concentration in Health Sciences: Math 1060Q or 1120Q or higher.

Motion Passed CANRCC 08-09-64

REVISE: the physics requirement for Allied Health Sciences major, Health Sciences concentration to: PHYS 1201Q and 1202Q; or PHYS 1401Q and 1402Q; or PHYS 1501Q and 1502Q

Motion Passed CANRCC 08-09-65

REVISE: the science elective requirement for the Allied Health Sciences major to include: Science courses used to meet other program requirements cannot also be used to meet this requirement.

Motion Passed CANRCC 08-09-66

DROP: AH 3120: Biomechanics effective fall 2009.

Motion Passed CANRCC 08-09-67

REVISE: AH 3133, Cancer and Your Health change in prerequisite and catalog description.

Motion Passed CANRCC 08-09-68

ADD: Occupational Safety and Health Concentration within the AHS major

Motion Passed CANRCC 08-09-82

Revise: AH 3174: Environmental Laws, Regulations and Issues (Also offered as OSH 3174.)

Drop prerequisite of GEOC science requirements or permission of instructor.

Motion Passed CANRCC 08-09-83

REVISE: AH 3270: Fire Prevention and Protection (Also offered as OSH 3270.) Drop

prerequisite of GEOC science requirements or permission of instructor

Motion Passed CANRCC 08-09-84

REVISE: AH 4291: OSH Internship (Also offered as OSH 4291.) Drop prerequisite of six

AH/OSH courses and permission of faculty coordinator.

Motion Passed CANRCC 08-09-85

REVISE: AH 4570: Pollution Control, Prevention and Environmental Management Systems

(Also offered as OSH 4570.) Drop prerequisite of GEOC science requirements.

Motion Passed CANRCC 08-09-86

ADD: Certificate Program in Medical Technology.

Motion Passed CANRCC 08-09-87

REVISE: Math requirement for the Allied Health Sciences major to read as follows:

a) Standard plan or concentration in Health Promotion Sciences: Math 1040Q or 1060Q or 1125Q, or higher

b) Concentrations in Health Sciences or Occupational Safety and Health*: Math 1060Q or 1125Q, or higher

*Note: The OSH concentration will not appear in the catalog until the 2010-2011 catalog year. AHS faculty approved: 4-13-09

Motion Passed – CANR CC 08-09-96. Effective Immediately

REVISE: the Math requirement for the Medical Technology major to read: Math 1040Q or 1060Q or 1125Q, or higher

Motion Passed – CANR CC 08-09-97 Effective Immediately

REVISE: the Math requirement for the Diagnostic Genetic Sciences major to read: Math 1040Q or 1060Q or 1125Q, or higher

Motion Passed – CANR CC 08-09-98 Effective Immediately

Animal Science

It was moved and seconded to approve the following items from Animal Science:

REVISE: ANSC 2699 Independent Study - change to S/U grading.

Motion Passed CANR CC-08-08-61

REVISE: ANSC 2690 Animal Science Field Excursion – Change to S/U grading

Motion Passed CANR CC 08-08-62

Natural Resources and Environment (Formerly NRME)

It was moved and seconded to approve the following items from NRE:

REVISE: NRME 2315 (Change in number and remove recommended preparation and slight change in description of course.) Introductory Wildlife Ecology and Conservation

Motion Passed CANR 08-09-37

REVISE: NRME 1000 Environmental Science (change in catalog copy)

Motion Passed CANR 08-09-38

A motion to restrict all NRME 3000 and 4000 level courses to Juniors or Higher was brought forth by the NRME department.

Motion Passed CANR 08-09-39.

ADD: The following Special topics courses in NRME:

NRME 4695 001 Special Topic: Climate-Human-Ecosystem-Interactions.

NRME 4695 002 Special Topics: Climate and Climate Change.

NRME 5695 001 Special Topic: Readings in Stream Ecology & Management.

Motion Passed CANR 08-09-47

REVISE: NRME 3201 - remove open to juniors or higher restriction.

Motion Passed CANRCC 08-09-57

REVISE: NRME 4545 – Introduction to Geodesy – Change in Title to Geodesy, change in pre-requisites to recommended preparation, slight change in catalog copy:

Motion Passed – CANRCC 08-09-58.

ADD: NRME 4555 GPS Surveying
Motion Passed – CANRCC 08-09-59

ADD: NRME 4600 – Current Topics in Environ & Nat Resources.
Motion Passed CANRCC 08-09-60

ADD: NRME 5545 Geodesy
Motion Passed CANRCC 08-09-70 (Effective Spring 2009)

REVISE: NRME 5555 GPS Surveying- Change in Title and Cat copy. NRME 5555 Global Navigation Satellite System Surveying
Motion Passed CANRCC 08-09-71 (Effective Spring 2009)

REVISE: Course offerings for the Natural Resources Concentration in Environmental Science major.

Natural Resources – Students must take NRME 2000, 2010, and 4094 plus two additional NRME courses numbered 3000 and above.
Motion Passed CANRCC 08-09-72 (Effective Spring 2009)

REVISE: Requirements for the Environmental Science Degree. Drop PHYS 1230 General Physics Problems from the requirements under part A Required courses in Basic Science. .
Motion Passed CANRCC 08-09-73 (Effective Spring 2009)

Revise: NRE 3535 Introductory Remote Sensing. (title change and mode of teaching)

Current Title and Catalog Copy: 3535. Introductory Remote Sensing
(237) First semester. Three credits. Two class periods and one 2-hour laboratory period. Open to only CANR students and GEOG major. Civco
The principles of the interpretation of remote sensing imagery acquired from aircraft and satellite platforms will be studied. Various applications of remote sensing will be discussed.

Revised Title and Catalog Copy:
3535. Remote Sensing of the Environment.
(237) First semester. Three credits. Three class periods. Recommended preparation: NRE 2000 Introduction to Geomatics or equivalent. Open only to junior or higher. Civco
The principles of the interpretation of remote sensing imagery acquired from aircraft and satellite platforms will be studied. Applications of remote sensing to natural resources and the environment will be discussed.
Motion Passed CANRCC 08-09-90

REVISE: NRE 5585 Geospatial Data Processing Techniques (change in catalog copy)
Motion Passed CANRCC 08-09-91

REVISE: NRE 4600 Current Topics in Environmental and Natural Resources (Add honors section and change credits to variable credits)

Motion as Amended Passed CANRCC 08-09-93

For the information of the CANRCC Committee, ADD: NRE 4695 Special Topics with the title Human Dimensions of Natural Resources:
Motion Passed. CANRCC 08-09-95

Nutritional Science

It was moved and seconded to approve the following item from Nutritional Science:

DROP: Sports Nutrition Minor
Motion Passed CANR CC 08-09-63

Plant Science

It was moved and seconded to approve the following Plant Science items:

Revise: SOIL 4420 Soil Chemistry Reactions and Equilibria _ Change title to Soil Chemistry Processes. . Motion Passed CANR 08-09-30

Revise: Soil 3410 Soil Chemistry Components, remove the crosslisting with ENVE 3240.
Motion Passed. CANR 08-09-31

Revise: PLSC 5420 Soil Chemistry Processes, remove crosslisting with ENVE 303.
Motion Passed CANR 08-09-32

ADD: New Section to PLSC 3995 for first time offering under special topics.
PLSC 3995/SAPL 0995 Indoor Plants and Interiorscaping
Motion Passed CANR 08-09-36.

REVISE: HORT 3660: Nursery Production – title, semester and catalog copy change
Motion Passed CANR 08-09-45

Allow students who have passed HORT 214 or HORT 215 to use these courses towards fulfilling the requirements of the Minor in Landscape Design or the Minor in Ornamental Horticulture as these are content appropriate for the minors.
Motion Passed CANR 08-09-78 (Effective immediately)

ADD: LAND 3510. European Urban Form and Materials –
CANRCC 08-09-88R1 (effective Spring 2010)

ADD: PLSC 5252 Physiology and Ecology of Trees (Cross list with NRE 5252)
Motion Passed CANRCC 08-09-89

Academic Programs

The authority for final approval for C&C items will rest with the CANR C&C Committee. Items will not be brought to the CANR faculty meeting(s) for approval as has been done in the past except in cases where the nature of the issue is considered controversial.

CANR C&C will meet monthly and occasionally twice monthly to consider department items. CANR C&C business items will be posted to a page within the CANR Intranet one week prior to the monthly C&C meeting.

Each department will have a representative that will attend scheduled CANR C&C committee meetings. If the representative is unable to attend, an alternate will be designated by the department. It is expected that departments will have a representative at every C&C meeting. It is proposed that this become effective January 1, 2009. Motion Passed CANR 08-09-33

It was proposed that the CANR C&C committee seek approval from the faculty to act in their Courses for minors offered in the CANR need to be covered for faculty on sabbatic leave, just as they would be for required courses in a major

ADD: AGNR 3316: Introduction to Agricultural Mechanics and Safety
Motion Passed CANR 08-09-46

Special Topics CANR C&C Policy

Departments submitting special topics courses to the CANR C&C Committee must:

- 1) provide evidence of departmental approval
- 2) Submit course information: title, instructor, etc.
- 3) Must be presented to the committee *every* time the course will be offered

Motion Passed CANR 08-09-55

Offer Spanish for the Green Industry as AGNR 3095 for the Spring of 2009, ONLY if it is not approved for offering as SPAN 3295 Spanish for the Green Industry.

Motion Passed CANRCC 08-09-69

The Pre-Teaching Ag Sciences proposal and form were approved.

Motion Passed CANRCC 08-09-92

REVISE: due date for the Final Plan/Record of Study from students' last semester to the semester prior to graduation as follows:

“Plan of Study

Students should work closely with their advisors to review requirements, recommended courses, and career goals. Each student should prepare a tentative plan of study, outlining all courses, with an academic advisor as early as possible, but in no case later than at the start of the junior year. A final plan of study, approved by the major advisor and the department head, must be filed with the Degree Auditor no later than the end of the tenth week of the semester prior to graduation. “

Motion Passed. CANR CC 08-09-103

The Committee held a brief discussion about maintaining the Individualized Major within the CANR. It was decided that this would be good point of discussion for the future meetings of the committee and each representative is to present this discussion to their respective depts. and have a dept decision regarding whether the dept does or does not wish to maintain the IMJR. The C&C will review each dept decision at its first fall meeting.

Submitted by: CANR C&C Committee

Marilyn Altobello, Dick Clark, Mike Darre, George Elliott, Cameron Faustman, Sal Frasca, Susan Gregoire, Pat Jepson, Gary Kazmer, Morty Ortega.