COMMITTEE: University Curriculum Committee (2:10 pm - 4:15 pm)

MEETING DATE: November 10, 2011

PERSONS PRESIDING: Donna Kain

REGULAR MEMBERS IN ATTENDANCE: Reece Allen, Leigh Cellucci, and Donna Kain

EX-OFFICIO MEMBERS IN ATTENDANCE: Derek Alderman, Linner Griffin, Antonial Marshall, Megan Perry, and Ron Preston

EXCUSED: Kanchan Das and Angela Whitehurst

ABSENT: Ron Graziani

SUPPORT: Kimberly Nicholson

OTHERS IN ATTENDANCE: Thomas Harriot College of Arts and Sciences: Mary Farwell and Grant Gardner

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ACTIONS OF MEETING

We will met as a subcommittee of the whole, making recommendations to the whole committee as we do not have a quorum.

Agenda Item: I. Call to Order

(1.) Minutes
   The 10-27-11 UCC minutes were approved via an electronic vote then forwarded to the Faculty Senate for agenda placement.

   Discussion:

   None

   Action Taken:

   None

(2.) Announcements

   Discussion:
Agenda Item: II. Thomas Harriot College of Arts and Sciences, Department of Biology (concurrent submissions with Item III.)

(1.) Proposal of New Courses: BIOL 1150, 1151

Discussion:

Dr. Farwell said that Biology wanted to go for the course because many ECU students take one semester of Biology only. The goals of the course were to make the course more relevant to non-biology majors and include content current non-biology majors would have missed under the current curriculum. It is a four (4) hour credit course with students to attend recitations in addition to lecture. The courses were originally intended to replace BIOL 1100, 1101 in both the clinical laboratory science and exercise physiology programs, however the Department of Kinesiology has decided to bring their degree revision forward separately rather than concurrently today.

Drs. Perry and Preston asked about what other students were targeted/considered. Dr. Gardner said that biomedical students might find this appropriate.

Dr. Alderman asked how the Biology faculty identified the need for the new courses. Perhaps they could identify the assessment involved in the decision.

Dr. Griffin noted that they do not need to state that it will be offered fall, spring, and summer unless the unit is sure of their ability to offer it consistently for all three terms each academic year.

Dr. Preston asked what happened if a student took this course then decided to major in biology? Dr. Farwell responded that the student would have to take the major sequence of courses in addition to these courses and BIOL 1150, 1151 would become electives.

Dr. Kain mentioned that the proposal was not on the newest form. She clarified that it was not required for the Biology major, but it could be required for other majors.

Dr. Griffin recommended that it be called an elective, not a requirement, since it is not required for Biology majors.
Dr. Kain requested the unit expand the justification to include that the courses will be required for clinical laboratory science majors.

Dr. Allen suggested the justification could also include a reference that some students are currently taking only half of the of the freshman biology series.

Dr. Griffin recommended that they include “Upon completion of this course, students will be able to . . .” in the objectives section of the syllabus (under specific student learning objectives).

Dr. Allen noted that the catalog copy and the proposal copy should be the same.

Dr. Kain recommended that, in the course description, delete one clause—“molecular basis of inheritance and control of gene expression” be removed.

Action Taken:

Dr. Alderman made a motion to approve with suggested changes. Dr. Allen seconded. Motion passed.

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Agenda Item: III. College of Allied Health Sciences, Department of Clinical Laboratory Science (concurrent submission with Item II.)

(1.) Revision of Existing Degree: BS in Clinical Laboratory Science

Discussion:

Dr. Farwell presented for Clinical Laboratory Sciences (CLS). She explained that this change is in response to the Biology proposal (above). The CLS department faculty has approved the Biology changes and need to change CLS requirements to reflect Biology changes.

Dr. Kain noted that UCC will delete semester designations (an editorial change).

Action Taken:

Dr. Alderman made a motion to approve. Dr. Perry seconded. Motion passed.

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Agenda Item: IV. Old Business

(1.) Banked courses process – report from subcommittee
Discussion:

Dr. Preston said that 5000-level banked courses that had been deleted from the graduate catalog (60 or so) are still in the undergraduate catalog. There are also 350 undergraduate courses that have been banked over five (5) years.

Regarding the other 350 courses, Dr. Preston proposed that we should follow Graduate Curriculum Committee lead and notify the units that the courses will be deleted unless they notify us. Mr. Marshall suggested we send this memo in the spring.

Dr. Preston introduced for discussion what, if anything, should UCC do regarding active, undergraduate courses that have not taught in ten years? Consensus was we needed to get the list of the courses that fit this description.

Dr. Kain stated institutionalization of the banked courses process will be an item for a future UCC agenda.

Action Taken:

Dr. Allen moved that we send a memo to units to notify them that there are 5000-level courses that have been deleted from the graduate catalog, but they are still listed in the undergraduate catalog and are to be deleted from the undergraduate catalog. Dr. Perry seconded. Motion passed.

Dr. Alderman moved that we send a memo to units to notify them that the undergraduate courses that have been banked and not taught in over five (5) years be deleted unless they notify UCC. This memo should be sent approximately January 4, 2012 with a response deadline of February 15, 2012. Dr. Preston seconded. Motion passed.

Dr. Alderman moved that we request the list of courses that are active, undergraduate courses that have not been taught in ten years. This request would go to the Office of Academic Program Planning and Development. Dr. Preston seconded.

(2.) Proposal justifications – draft of suggestions (provided at meeting)

Discussion:

Dr. Kain asked for comments about the “writing a course justification” handout. Consensus was met regarding faculty member involvement and approval in the decision, and that the proposal include other appropriate evidence that illustrates the need for the course. Examples of evidence would be included in communications as well. To be addressed at December 8 meeting.

Action Taken:
None

(3.) Discuss review of the *Undergraduate Curriculum and Program Development Manual*

Discussion:
To be addressed at December 8 meeting.

Action Taken:
None

(4.) Liaison communication – review draft of communication (forthcoming)

Discussion:
To be addressed at December 8 meeting.

Action Taken:
None

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Agenda Item: V. New Business

(1.) Revise *Undergraduate University Curriculum Committee Course Banking Form*

Discussion:
To be addressed at December 8 meeting.

Action Taken:
None

(2.) Create helpful hints document for certificates, concentrations, and program revision packages

Discussion:
To be addressed at December 8 meeting.
Action Taken:
None

(3.) Revise UCC signature form submission requirement

Discussion:
Consensus was met that UCC could accept electronic version of signature form. The manual will be revised at a later date to address this change.

Action Taken:
Dr. Allen moved that we no longer require units bring a hard copy of the original signature form to the meeting to accompany each proposal. Dr. Perry seconded. Motion passed.

Curricular Actions at This Meeting:

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NEXT MEETING: December 8, 2011

ITEMS TO BE DISCUSSED:

ADJOURNMENT: Dr. Alderman moved to adjourn at 4:15pm. Motion passed. Meeting adjourned.

Respectfully Submitted by

Leigh W. Cellucci
Secretary of the UCC
BIOL courses

1030. Plants and Human Affairs (3) (F,S) (FC:SC) May not count toward BIOL major or minor. BIOL 1051 may be taken as a lab complement. Biology of plants and their related organisms and importance throughout history.

1050. General Biology (3) (F,S,SS) (FC:SC) May not count toward BIOL major or minor. Molecular basis of biology, bioenergetics, control systems, reproduction and development, genetics, diversity, evolution, communication, and behavior ecosystems.

1051. General Biology Laboratory (1) (F,S,SS) (FC:SC) 1 3-hour lab per week. May not count toward BIOL major or minor. C: BIOL 1030 or 1050. Practical applications of biological principles.

1060. Environmental Biology (4) (F,S,SS) (FC:SC) May not count toward BIOL major or minor. Interrelationships of organisms with each other and with their environment and human factors. Basic ecological problems, principles, and solutions.

1061. Environmental Biology Laboratory (1) (F,S) (FC:SC) 1 3-hour lab or field excursion per week. May not count toward BIOL major or minor. Optional lab or field course offered to provide a more in-depth look at habitats.

1100, 1101. Principles of Biology and Laboratory I (3,1) (F,S,SS) (FC:SC) 3 lecture and 3 lab hours per week. P/C for 1101: BIOL 1100. Five living kingdoms and diversity that prevails in natural systems. Principles of evolution, ecology, and behavior, particularly in context of diversity.

1150, 1151. Principles of Biology: A Human Approach (4,0) (FC:SC) 3 lecture and 2 discussion hours per week. May not count toward the BIOL major or minor. Nature of biological science, molecular biology, bioenergetics, cell structure and function, cell physiology, overview of human tissue and organ systems, and human population and disease dynamics.

1200, 1201. Principles of Biology and Laboratory II (3,1) (F,S,SS) (FC:SC) 3 lecture and 3 lab hours per week. P/C for 1201: BIOL 1200. Five living kingdoms and diversity that prevails in natural systems. Principles of evolution, ecology, and behavior, particularly in context of diversity.


2100, 2101. Basic Laboratory Methods for Biotechnology (3,0) (FC:SC) Formerly BIOL 3100, 3101 1 lecture and 4 laboratory hours per week. P: BIOL 1100, 1101; MATH 1065, CHEM 1020, 1021 or 1120, 1121 or 1150, 1151. Practical basic training in laboratory techniques generally applicable to molecular and cell biology, genetics, biochemistry, microbiology and forensics.

2110, 2111. Fundamentals of Microbiology and Laboratory (3,1) (F,S) (FC:SC) 3 lectures and 2 2-hour labs per week. May not count toward BIOL major or minor. P for 2110: CHEM 1120, 1130 or . RP for 2110: BIOL 1050, 1051 or 1100, 1101; P/C for 2111: BIOL 2110. General study of microorganisms and their importance to humans. Emphasis on fundamental life processes, including a brief introduction to epidemiology and immunology

2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (FC:SC) A maximum of 4 s.h. of 2000-level human physiology and anatomy coursework may count toward the BIOL major or minor. P: BIOL 1050, 1051; 1100, 1101; Functional anatomy and normal physiology of human organ systems.

2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (FC:SC) 3 lab hours per week. May not count toward BIOL major or minor. P/C: BIOL 2130. Principles and review of anatomy of human organ systems.

2140, 2150. Human Physiology and Anatomy (3,3) Two-semester integrated course. A maximum of 4 s.h. of 2000-level human physiology and anatomy coursework may count toward the BIOL major or minor. P: CHEM 1120 or 1150; P for 2140: BIOL 2140. C for 2140: BIOL 2141; C for 2150: BIOL 2151. Normal physiology and functional anatomy of human organ systems.
Agenda Item III

College of Allied Health Sciences

Department of Clinical Laboratory Science

(concurrent submission with Item II.)

http://www.ecu.edu/cs-acad/ugcat/cliniciallab.cfm

College of Allied Health Sciences

Department of Clinical Laboratory Science

Kathleen M. Schulman, Acting Chair, 3410E, Health Sciences Building

BS in Clinical Laboratory Science

CLSC 4430, 4431. Clinical Chemistry I (2,1) (F) (P: 4 courses in CHEM; PSYC 2101 or other statistics course; P for nonmajor: consent of instructor)
CLSC 4440, 4441. Clinical Chemistry II (4,2) (S) (P: CLSC 4430, 4431; P for nonmajor: consent of instructor)
CLSC 4460, 4461. Clinical Microbiology I (4,2) (F) (P: BIOL 2110, 2111; or 3220, 3221; or consent of instructor)
CLSC 4470, 4471. Clinical Microbiology II (3,2) (S) (P: CLSC 4460, 4461; or consent of instructor)
CLSC 4480, 4481. Clinical Microbiology III (2,1) (SS) (P: Consent of instructor)
CLSC 4491. Molecular Diagnostics in Clinical Laboratory Science I (1) (F) (P: Consent of instructor)
CLSC 4492. Molecular Diagnostics in Clinical Laboratory Science II (1) (S) (P: CLSC 4491; consent of instructor)
CLSC 4801. Professional Practice Issues I (3) (WI) (F) (3 lecture hours per week) (P: CLSC major)
CLSC 4802. Professional Practice Issues II (4) (S) (4 lecture hours per week) (P: CLSC major)
CLSC 4803. Introduction to Clinical Laboratory Information Systems (2) (S) (P: CLSC major or consent of instructor)
** CLSC 4992. Clinical Education–Hematology, Coagulation, Urinalysis (4) (F,S) (P: CLSC 3420, 3421)
** CLSC 4993. Clinical Education–Chemistry (4) (F,S) (P: CLSC 4440, 4441)
** CLSC 4994. Clinical Education–Blood Bank and Serology (4) (F,S) (P: CLSC 4210, 4211)
** CLSC 4997. Clinical Education–Microbiology (4) (F,S) (P: CLSC 4470, 4471)
3. Cognates....................................................................................................................22 s.h.

BIOL 1100, 1101. Principles of Biology and Laboratory I (3,1) (F,S,SS) (FC:SC) (P/C for 1101: BIOL 1100)
BIOL 1150, 1151. Principles of Biology: A Human Approach (4,0) (FC:SC) (3 lecture and 2 discussion hours per week)
BIOL 2110, 2111. Fundamentals of Microbiology and Laboratory (3,1) (F,S) (FC:SC) (P for 2110: CHEM 1120, 1130 or BIOL 1100 and CHEM 1150; 2.75 GPA or consent of instructor; RP for 2110; BIOL 1050, 1051 or 1100, 1101; P/C for 2111: BIOL 2110)
BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (FC:SC) (P: BIOL 1050, 1051; or 1100, 1101)
CHEM 2250, 2251. Quantitative and Instrumental Analysis (3,2) (WI) (F,S) (P: CHEM 1160, 1161; CHEM 2650 or 2750)
CHEM 2650. Organic Chemistry for the Life Sciences (4) (F,S) (P: CHEM 1160, 1161)
CHEM 2651. Organic Chemistry Lab for the Life Sciences (1) (F,S) (C: CHEM 2650)
*Students must complete CLSC 4801, 4802 to satisfy the 3 s.h. requirement of writing intensive courses in the
**Affiliated hospitals for CLSC 4992, 4993, 4994, 4997 include Cape Fear Valley Medical Center, Fayetteville; CarolinaEast Medical Center, New Bern; Lenoir Memorial Hospital, Kinston; Nash Health Care System, Rocky Mount; Pitt County Memorial Hospital, Greenville; Wayne Memorial Hospital, Goldsboro; Wilson Medical Center, Wilson; and Federal Medical Center at the Federal Correction Complex, Butner, NC.**

**Clinical Laboratory Science Minors**

The Department of Clinical Laboratory Science offers four minors in specific disciplines within the field of clinical laboratory science. Contact the Department of Clinical Laboratory Science for advice on choosing an appropriate minor for your career goals. The clinical microbiology, clinical chemistry and hematology, and the hematology and immunohematology minors carry national certification eligibility and employment options within large hospital and reference laboratories, while the clinical laboratory science generalist minor does not provide certification eligibility or employment options but is intended to provide pre-medical students with a knowledge base in the use of laboratory tests for patient diagnosis and disease management. All minors except the clinical laboratory science generalist minor require formal admission by the department. As student laboratory space is limited, minors are admitted after CLSC majors (see CLSC website for details). Any student pursuing a minor in the department, must meet all foundation curriculum and cognate course requirements as required for CLSC majors.

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