

Armstrong

UNIVERSITY CURRICULUM COMMITTEE

University Hall 282

Minutes, September 5, 2012

PRESENT: Myka Campbell, Suzanne Carpenter, Kathryn Craven, José da Cruz, Mirari Elcoro, Catherine Gilbert, Kam Fui Lau, Denene Lofland, Rick McGrath (Chair), Jack Simmons, Phyllis Panhorst (Catalog Editor)

ABSENT: Robert Harris, Glenda Ogletree

GUESTS: Mark Finlay, Judy Ginter, John Kraft, Delana Nivens, Patrick Thomas, Elwin Tilson

CALL TO ORDER. The meeting was called to order at 3:04 by Dr. Rick McGrath.

APPROVAL OF MINUTES. The minutes of August 22, 2012 were approved as presented.

ITEMS

- I. College of Education (no items)
- II. College of Health Professions
 - A. Health Sciences (no items)
 - B. Medical Laboratory Science (no items)
 - C. Nursing (no items)

D. Radiologic Sciences

Items 1-15 from the Department of Radiologic Sciences were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

Sonography Track

1. **Modify the following course:**
RADS 3600 – Introduction to Sonography ~~3-0-3~~ **3-1-3**
Prerequisite: Formal admission to the Sonography Track ~~or permission of instructor or department.~~

Rationale: It was the intent to have an affiliated lab with this course when it

was created last year but it was inadvertently omitted.

Effective Term: Fall 2013

2. **Modify the following course:**
 RADS 3604 Sonographic Theory IV ~~3-1-3~~ **3-2-4**
 Prerequisite: RADS 3603, formal admission to the Sonography Track ~~or permission of instructor or department.~~
Description: Continuation of Sonographic Theory III to **include advanced topics.**

Rationale: This course includes additional sonography content.

Effective Term: Fall 2013

3. **Modify the following course:**
 RADS 3631 Sonography Clinical Education I ~~0-20-2~~ **0-18-2**
 Prerequisite or Co-requisite: RADS 3601, 3050 and ~~3074~~ **3600**

Rationale: The contact hours for clinic are being modified to address accreditation requirements. The new sequence of courses requires changes in prerequisites and corequisites.

Effective Term: Spring 2013

4. **Modify the following course:**
 RADS 3632 Sonography Clinical Education II ~~0-20-3~~ **0-18-3**

Rationale: The contact hours for clinic are being modified to address accreditation requirements.

Effective Term: Summer 2013

5. **Modify the following course:**
 RADS 4633 Sonography Clinical Education III ~~0-20-3~~ **0-19-3**
 Prerequisite or Co-requisite: RADS 3632 **and 3603**

Rationale: The contact hours for clinic are being modified to address accreditation requirements. The new sequence of courses requires changes in prerequisites and corequisites.

6. **Modify the following course:**
 RADS 4634 Sonography Clinical Education IV ~~0-20-3~~ **0-16-3**

Rationale: The contact hours for clinic are being modified to address accreditation requirements.

Effective Term: Fall 2013

7. **Modify the following course:**
 RADS 4635 Sonography Clinical Education V ~~0-20-3~~ **0-12-3**

Rationale: The contact hours for clinic are being modified to address accreditation requirements.

Effective Term: Spring 2013

8. **Modify the following course:**
 RADS 4671 Introduction to Vascular Sonography ~~3-1-3~~ **2-2-2**
 Prerequisite: RADS 4114 and 4634
 Co-requisite: RADS 4635

Rationale: A portion of content was moved from this course and placed in RADS 3604 Sonographic Theory IV.

Effective Term: Spring 2013

9. **Modify the following Program of Study**

Program for the Degree of Bachelor of Science in Radiologic Sciences

d. Sonography Track~~***~~**(strike asterisks)**.....46 hours

~~*** Sonography students must complete a general biology course. This may be taken as part of the science requirement in area D or as the approved guided elective in Area F.~~

Rationale: Accreditation requirements no longer require Biology.

Effective Term: Spring 2013**Nuclear Medicine Track**

10. **Modify the following course:**
 RADS 3501 Principles and Practice of Nuclear Medicine I ~~4-1-4~~ **3-2-3**
Description: Introduction to the theory and principles of Nuclear Medicine. Basic principles involved in imaging **and** diagnoses. ~~and therapies are emphasized~~

Rationale: Additional hands-on laboratory content needs to be added as demonstrated by clinical assessment. The didactic nuclear medicine therapy content is being distributed in other courses the curriculum.

Effective Term: Spring 2013**11. Modify the following course:**

RADS 3502 Principles and Practice of Nuclear Medicine II 4-1-4 3-2-3

Prerequisite (Catalog): RADS 3501

Pre- or Co-requisite (Banner): RADS 3501

Description: ~~Advanced theory of imaging technologies, diagnostic and therapeutic testing.~~ **A continuation of the basic principles involved in imaging and diagnoses.** Topics include non-imaging in-vivo and in-vitro procedures and radionuclide therapy.

Rationale: The new sequence of courses requires changes in prerequisites and corequisites. Additional hands-on laboratory content needs to be added as demonstrated by clinical assessment.

Effective Term: Spring 2013**12. Modify the following course:**

RADS 3503 Principles and Practice of Nuclear Medicine III 4-1-4 3-2-3

Description: ~~Advanced theory of imaging technologies in nuclear medicine.~~ **A continuation of the basic principles involved in imaging and diagnoses with an introduction to advanced theory in nuclear medicine.**

Rationale: Additional hands-on laboratory content needs to be added as demonstrated by clinical assessment. Students need more hands-on prior to being introduced to the clinical environment in order for specific skills to be acquired.

Effective Term: Spring 2013**13. Modify the following course:**

RADS 3510 Nuclear Medicine Instrumentation

1-0-1

Prerequisite or Corequisite: RADS 3501

Rationale: The new sequence of courses requires changes in prerequisites and corequisites. Moreover students may take RADS 3510 as an elective.

Effective Term: Fall 2013**14. Modify the following course:**

RADS 3520 Radiopharmacy and Radiochemistry

3-1-3

Prerequisite or Corequisite: RADS 3501

Rationale: The new sequence of courses requires changes in prerequisites and corequisites.

Effective Term: Fall 2013

15. **Modify the following course:**
 RADS 3532 Nuclear Medicine Clinical Education II ~~0-24-3~~ **0-18-4**

Rationale: Sequencing of courses has changed which precipitates rearrangement of required competencies. Because additional competencies have been added to this course, credit hours have been adjusted to reflect this change.

Effective Term: Spring 2013

16. **Create the following course:**
 RADS 4512 CT in the Practice of Nuclear Medicine **3-15-4**
Pre-requisite: RADS 3112
Corequisite: RADS 4533

Description: Instrumentation, operation, and clinical uses of computed tomography as it relates to the practice of nuclear medicine.

Rationale: Accreditation standards have been revised to include computed tomography content in the curriculum. This necessitates the creation of the course.

Effective: Fall 2013

CURCAT:

Major Department: Radiologic Sciences

Can course be repeated for additional credit? No

Maximum number of Credit Hours: 4

Grading Mode: Normal

Instruction Type: Lecture plus Lab

Equivalent Course: No

17. **Create the following course:**
 RADS 3499 Foundations in Nuclear Medicine **1-0-1**
Pre-requisite: Formal admission to the Nuclear Medicine Track
Corequisite: RADS 3501
Description: Introduction to the concepts, terminology and practices related to nuclear medicine.

Rationale: Students require a theoretical foundation in order to matriculate through nuclear medicine course work relative to theory and practice.

Effective: Fall 2013

CURCAT:

Major Department: Radiologic Sciences

Can course be repeated for additional credit? No

Maximum number of Credit Hours: 1

Grading Mode: Normal

Instruction Type: Lecture

Equivalent Course: No

- 18. Modify the following course:**
 RADS 4533 Nuclear Medicine Clinical Education III ~~0-24-3~~ **0-18-4**

Rationale: Sequencing of courses has changed which precipitates rearrangement of required competencies. Because additional competencies have been added to this course, credit hours have been adjusted to reflect this change.

Effective Term: Fall 2013

- 19. Modify the following course:**
 RADS 4534 Nuclear Medicine Clinical Education IV ~~0-20-2~~ **0-8-2**
 Prerequisite: RADS 4533
Corequisite: RADS 4535

Rationale: The new sequence of courses requires changes in prerequisites and corequisites. Changes in contact hours reflect accreditation requirements.

Effective Term: Fall 2013

- 20. Modify the following course:**
 RADS 4535 Nuclear Medicine Clinical Education V ~~0-20-2~~ **0-8-2**
 Pre- or **Corequisite:** RADS 4534

Rationale: The new sequence of courses requires changes in prerequisites and corequisites. Changes in contact hours reflect accreditation requirements.

Effective Term: Fall 2013

21. **Modify the following course:** 3-1-3
 RADS 4540 Nuclear Medicine Physics
 Prerequisite: RADS 4090, RADS 3503 and ~~RADS 3510~~ **RADS 3499**
Description: Topics include decay modes, half-life, radiation interactions, radiation measurements **and instrumentation**.
- Rationale: Radiation measurements require the use of instrumentation. This topic will be added in order to increase student understanding.
- Effective Term: Fall 2013**
22. **Modify the following course:** 3-1-3
 RADS 4570 Introduction to PET
 Prerequisite: RADS ~~3520~~ **4540**
 Prerequisite or Corequisite: ~~RADS 4534~~ **3532**
- Rationale: The new sequence of courses requires changes in prerequisites and corequisites.
- Effective Term: Spring 2013**
23. **Modify the following course:** 0-3-1
 RADS 4561 Nuclear Medicine Synthesis
 Prerequisite: RADS 3503, 3150 and RADS 4540
 Prerequisite or Corequisite: ~~RADS 4534~~ **4535**
- Rationale: The new sequence of courses requires changes in prerequisites and corequisites.
- Effective Term: Summer 2013**
24. **Modify the following course:** 0-3-1
 RADS 4562 Nuclear Medicine Seminar
 Prerequisite: ~~RADS 4561~~ and 4570
 Prerequisite or Corequisite: RADS 4535 **and RADS 4561**
- Rationale: The new sequence of courses requires changes in prerequisites and corequisites.
- Effective Term: Summer 2013**

25. Modify the following Program of Study

Program for the Degree of Bachelor of Science in Radiologic Sciences

- A. General Requirements (Core Areas A, B, C, D.2.B., and E) 42 hours
(Nuclear Medicine students must complete a general chemistry course with lab)
 Core Area F 18 hours
 BIOL 2081 – Human Anatomy and Physiology I
 BIOL 2082 – Human Anatomy and Physiology II
 HLPR 2000 – Research in Health Professions
 4 Credit hours of Guided Electives
 One of the following:
 PHSC 1211/1211L – Physical Environment and Lab
 PHYS 1111K – Introductory Physics I
 Physical Education 3 hours
- B. Major Field Courses 20 hours
 RADS 3000 – Introduction to Radiologic Sciences
 RADS 3050 – Patient Care and Interactions
 RADS 3080 – Professional Interactions
 RADS 3200 – Imaging Pathology
 RADS 3450 – Leadership in Health Care
 RADS 3451 – Leadership Practicum
 RADS 4410 – Cross Sectional Anatomy
 RADS 4450 – Radiologic Sciences Management
 RADS 4800 – Research Methodologies in Radiologic Sciences
- c. Nuclear Medicine Track****(strike asterisks)** 46 hours
 RADS 3090 – Introduction to Radiation Physics
 RADS 3112 – Introduction to Computed Tomography
 RADS 3150 – Radiobiology and Radiation Protection
RADS 3499 – Foundations in Nuclear Medicine
 RADS 3501 – Principles and Practice of Nuclear Medicine I
 RADS 3502 – Principles and Practice of Nuclear Medicine II
 RADS 3503 – Principles and Practice of Nuclear Medicine III
~~RADS 3510 – Nuclear Medicine Instrumentation~~
 RADS 3520 – Radiopharmacy and Radiochemistry
 RADS 3531 – Nuclear Medicine Clinical Education I
 RADS 3532 – Nuclear Medicine Clinical Education II
~~RADS 4112 – Advanced Imaging in CT~~
RADS 4512 – CT in the Practice of Nuclear Medicine
 RADS 4533 – Nuclear Medicine Clinical Education III
 RADS 4534 – Nuclear Medicine Clinical Education IV
 RADS 4535 – Nuclear Medicine Clinical Education V
 RADS 4540 – Nuclear Medicine Physics
 RADS 4561 – Nuclear Medicine Synthesis

RADS 4562 – Nuclear Medicine Seminar
 RADS 4570 – Introduction to PET

Total Semester Hours for Nuclear Medicine Track 129 hours

~~** Nuclear Medicine students must complete a general chemistry course. This may be taken as part of the science requirements in Area D or as guided electives in area F.~~

Rationale: RADS 3510 has been changed to an elective for nuclear medicine students. Clarifying chemistry requirement for Nuclear Medicine students.

Effective Term: Fall 2013

Cardiovascular/Interventional Science Track

26. Modify the following course:

RADS 3761 Cardiovascular Clinical Education I ~~0-24-3~~ **0-20-2**

Prerequisite: RADS 3771

Prerequisite or Corequisite: RADS 3772, **RADS 3150, RADS 3775**

Rationale: A decrease in credit hours is reflective of the basic expectation and ability of the students to perform only simple procedures with direct supervision from clinical staff. This better reflects accreditation expectations.

Effective term: Spring 2013

27. Modify the following course:

RADS 3762 Cardiovascular Clinical Education II ~~0-24-3~~ **0-20-3**

Prerequisite: RADS 3761

Prerequisite or Corequisite: RADS 4751, RADS 4752

Rationale: The changes in contact hours reflect better alignment with accreditation requirements. The new sequence of courses requires changes in prerequisites and corequisites.

Effective term: Spring 2013

28. Modify the following course:

RADS 3771 Introduction to Cardiovascular **Interventional** Science

~~3-0-3~~ **2-1-2**

Description: An introduction to the concepts and techniques involved in the diagnosis and treatment of cardiac and vascular disease.

Rationale: Lab time is being added to this course based on clinical assessments. The didactic content is being moved to other courses in the curriculum. Changes in course content assure that it correlates more closely with accreditation standards.

Effective term: Spring 2013

29. **Modify the following course hours and description:**
 RADS 3772 Cardiovascular Imaging and Equipment ~~3-0-3~~ **2-1-2**
Description: The operation and clinical application of equipment, devices, and technology utilized in the diagnosis and treatment of cardiac and vascular disease.

Rationale: An additional course, RADS 4773 is being created. Some components of this class have been moved to meet accreditation standards.

Effective term: Spring 2013

30. **Modify the following course:**
 RADS 4764, Cardiovascular Clinical Education IV ~~0-24-3~~ **0-20-4**
Prerequisite: RADS 4751
 Prerequisite or Corequisite: RADS 4763

Rationale: An increase in credit hours is reflective of the advanced expectation and ability of the students to perform more complex procedures with less interaction and support from clinical staff. The new sequence of courses requires changes in prerequisites and corequisites.

Effective term: Fall 2013

31. **Modify the following course:**
 RADS 4765 Cardiovascular Clinical Education V ~~0-24-3~~ **0-20-4**

Rationale: An increase in credit hours is reflective of the advanced expectation and ability of the students to perform more complex procedures with less interaction and support from clinical staff.

Effective term: Fall 2013

32. **Modify the following course:**
 RADS 4771: Cardiovascular Synthesis 0-3-1
 Prerequisites: RADS ~~3060, 4090, 4763, 4764~~
 Prerequisite or corequisite: RADS ~~4764, 4765~~

Rationale: The new sequence of courses requires changes in

prerequisites and corequisites.

Effective Term: Spring 2013

33. **Modify the following course:**
 RADS 4772: Cardiovascular Seminar 0-3-1
 Prerequisites: RADS ~~4764~~, 4771
 Prerequisite or corequisite: RADS 4765

Rationale: The new sequence of courses requires changes in prerequisites and corequisites.

Effective Term: Summer 2013

34. **Create the following course:**
RADS 4773 Fluoroscopic Procedures in the Practice of CVIS 1-16-6
Prerequisite: RADS 3090, RADS 3762
Description: Synthesis of knowledge and skills utilizing fluoroscopy in the practice of cardiovascular imaging.

Rationale: This course will facilitate combining didactic content with practical experience in the cardiovascular imaging suite. This course will better demonstrate learning outcomes for this content area. In addition, accreditation standards require a course specific to fluoroscopy for cardiovascular interventional science.

Effective Term: Fall 2013

CURCAT:

Major Department: Radiologic Sciences

Can Course be repeated for additional credit? No

Maximum number of credit hours: 6

Grading Mode: Normal

Instruction Type: Lecture plus Lab

Course Equivalent: No course equivalent

35. **Delete the following course:**
~~RADS 4790 Cardiovascular Fluoroscopy 2-0-2~~

Rationale: Content from this course content is being combined with RADS 4790 to create a new course, RADS 4773.

Effective term: Spring 2013

36. **Modify the following Program of Study**

Program for the Degree of Bachelor of Science in Radiologic Sciences

- e. Cardiovascular/Interventional Science Track46 hours
 RADS 3060 – Principles of Image Formation and Evaluation
 RADS 3071 – Imaging and Radiation Procedures I
 RADS 3090 – Introduction to Radiation Physics
 RADS 3150 – Radiobiology and Radiation Protection
 RADS 3761 – Cardiovascular Clinical Education I
 RADS 3762 – Cardiovascular Clinical Education II
~~RADS 3763 – Cardiovascular Clinical Education III~~
 RADS 3771 – Introduction to Cardiovascular **Interventional** Science
 RADS 3772 – Cardiovascular Imaging and Equipment
 RADS 3775 – Advanced Patient Care and Monitoring
 RADS 4751 – Emergency Care
 RADS 4752 – Physiologic Monitoring and Recording
 RADS 4764 – Cardiovascular Clinical Education IV
 RADS 4765 – Cardiovascular Clinical Education V
 RADS 4771 – Cardiovascular Synthesis
 RADS 4772 – Cardiovascular Seminar
RADS 4773 – Fluoroscopic Procedures in the Practice of CVIS
~~RADS 4790 – Cardiovascular Fluoroscopy~~

Effective Term: Spring 2013

Radiation Therapy Track

37. **Modify the following course:**
 RADS 3190 Principles of Radiation Therapy 3-0-3
 Prerequisite: ~~Permission of instructor or department.~~ **Formal admission to radiation therapy track.**
Corequisite: RADS 3000

Rationale: New sequence of courses requires changes in prerequisites and corequisites.

Effective Term: Fall 2013

38. **Modify the following course:**
 RADS 3195 Radiation Therapy Procedures 3-2-3
 Prerequisite: ~~RADS 3000~~
Corequisite: RADS 3000

Rationale: New sequence of courses requires changes in prerequisites and corequisites.

Effective Term: Fall 2013

39. **Modify the following course:**
RADS 3301 Radiation Therapy Clinical Education I ~~0-20-2~~ **0-16-2**

Rationale: The contact hours are being modified to address accreditation requirements.

Effective Term: Spring 2013

40. **Modify the following course:**
RADS 3302 Radiation Therapy Clinical Education II ~~0-20-2~~ **0-16-2**

Rationale: The credit hours are being modified to address accreditation requirements.

Effective Term: Summer 2013

41. **Modify the following course:**
RADS 4201 Radiation Oncology I ~~3-0-3~~ **2-0-2**

Description: An introduction to carcinogenesis and treatment of neoplasia. Emphasis is placed upon **basic** neoplastic diseases ~~processes~~. ~~occurring in the respiratory and gastrointestinal systems.~~

Rationale: Some didactic content is being moved to other courses in the curriculum.

Effective Term: Spring 2013

42. **Modify the following course:**
RADS 4202 Radiation Oncology II ~~3-0-3~~ **2-0-2**

Description: A study of neoplastic disease and **treatment** interventions related to the head and neck, lymphoreticular, skeletal, integumentary, endocrine, and central nervous systems.

Rationale: Some didactic content is being moved to other courses in the curriculum.

Effective Term: Spring 2013

43. **Modify the following course:**
 RADS 4240 Radiation Therapy Physics ~~3-0-3~~ **2-0-2**

Description: A detailed analysis of radiation production, nuclear transformations, and interactions with matter. Discussions regarding radiation detectors, instrumentation, ~~dose absorption, dose distribution,~~ and ~~biological effects~~ **radiation safety** are included.

Rationale: The removed content is redistributed in the curriculum.

Effective Term: Summer 2013

44. **Modify the following course:**
 RADS 4260 Treatment Planning ~~3-3-3~~ **4-2-4**

Description: A study of principles used to plan and deliver radiation treatments. Discussions regarding **dose absorption, dose and** isodose distributions **with the corresponding biologic effects**, contouring, beam filtration, planning protocols, brachytherapy, and emerging technologies are included.

Rationale: Additional content has been included in this course.

Effective Term: Summer 2013

45. **Modify the following course:**
 RADS 4303 Radiation Therapy Clinical Education III ~~0-20-3~~ **0-16-3**

Rationale: The contact hours are being modified to address accreditation requirements.

Effective Term: Fall 2013

46. **Modify the following course:**
 RADS 4304 Radiation Therapy Clinical Education IV ~~0-20-3~~ **0-16-3**

Rationale: The contact hours are being modified to address accreditation requirements.

Effective Term: Summer 2013

47. **Modify the following course:**
 RADS 4305 Radiation Therapy Clinical Education V ~~0-18-2*~~ **0-16-4**
 * Note: Senate approved change to 0-18-2 on 10-17-11 for effective date Fall 2013.

Rationale: The contact and credit hours are being modified to address accreditation requirements. As seniors, students are to perform at a higher

level of practice. Using advanced concepts, the learning outcomes are much higher.

Effective Term: Fall 2013

48. **Modify the following course:**
 RADS 4307 Radiation Therapy Synthesis 0-3-1
 Prerequisite: RADS 4280 and RADS 4260
 Corequisite or prerequisite: RADS 4304 **and RADS 4305.**

Rationale: The new sequence of courses requires changes in prerequisites and corequisites.

Effective date: Spring 2013

49. **Modify the following course:**
 RADS 4308 Radiation Therapy Seminar 0-3-1
~~Prerequisite: RADS 4307~~
 Prerequisite or corequisites: RADS 4305 **and RADS 4307**

Rationale: The new sequence of courses requires changes in prerequisites and corequisites.

Effective Term: Spring 2013

50. **Modify the following course:**
 RADS 3050 Patient Care and Interaction 3-2-3

Description: Open only to majors in radiologic sciences. Physical and psychological needs of the family and patient, patient transfer techniques, interaction with the terminally ill, vital signs, administration of injections and pharmaceuticals, IV and tube maintenance, urinary catheterization, ~~administration~~ **acquisition** and interpretation of EKG's, emergency medical situations, infectious disease processes and universal precautions. ~~CPR certification required.~~

Rationale: CPR is now a clinical site requirement similar to liability insurance. Also, due to the restructuring of the curricular sequence, this course is now taught prior to clinical education courses.

Effective Term: Spring 2013

51. **Modify the following course:**
 RADS 2000 Terminology of Imaging and Radiologic Sciences 1-0-1
 Prerequisite: ENGL 1101 and ~~MATH 1111~~

Rationale: Prerequisite knowledge of mathematics is not necessary to meet learning outcomes in this course.

Effective term: Spring 2013

52. Modify the following course:

RADS 3100 Medical Communication Skills 1-1-1

Prerequisite: ~~ENGL 1101 and permission of instructor or department.~~

Formal admission to Bridge Program.

Rationale: The course is in the major in the bridge program. Students admitted to this program have already completed ENGL 1101 or a comparable course as a program prerequisite. If the completed course was comparable, then a manual override must be performed.

Effective Term: Spring 2013

53. Modify the following course:

RADS 3450 Leadership in Healthcare 2-0-2

Prerequisite: ~~ENGL 1102 and permission of instructor or department.~~

Formal admission to department.

Rationale: The course is in the major in the bridge program. Students admitted to this program have already completed ENGL 1102 or a comparable course as a program prerequisite. If the completed course was comparable, then a manual override must be performed.

Effective Term: Spring 2013

54. Modify the following course:

RADS 3090 Introduction to Radiation Physics 3-1-3

Prerequisite: ~~MATH 1111 and RADS 3000~~

Prerequisite or Corequisite: RADS 3000

Rationale: The new sequence of courses requires changes in prerequisites and corequisites.

Effective Term: Spring 2013

55. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN
RADIOLOGIC SCIENCES - (BRIDGE PROGRAM)

B. Major Field Courses66 hours

Choose one of the following tracks:

c. Non-clinical Track

HLPR 2000 – Research in Health Professions
 RADS 3100 – Medical Communication Skills
 RADS 3112– Intro to Computed Tomography
 RADS 3200 – Imaging Pathology
 RADS 3450 – Leadership in Healthcare
 RADS 3451 – Leadership Practicum
 RADS 4410 – Cross Sectional Anatomy
 RADS 4430 – Professional Practice Seminar
 RADS 4450 – Radiologic Sciences Management
 RADS 4800 – Research Methodologies in Radiologic Sciences

Choose two of the following:

RADS 4111 – Advanced Imaging in MRI
 RADS 4112 - Advanced Imaging in CT
 RADS 4113 - Advanced Imaging in Mammography (limited to radiographers)

Choose two of the following:

ENGL 3720 – Business and Technical Communication
~~HSCA 4630 – Health Information Systems~~
HSCP 2000 – Ethical Theories/Moral Issues in Health
HSCP 3750 - Topics in Public Health
MHSA 5800U – Comparative Healthcare Systems
PUBH 5560U – Introduction to International Health
 PUBH 5580U – Health and Human Development
 RADS 3455 – Introduction to Bioethics
 WBIT 3010 – Technical Communication

Rationale: The Health Science Department is no longer offering HSCA 4630. This course is being replaced in the program of study and three additional courses will give the student more options for tailoring a course of study around global healthcare issues.

Effective Term: Spring 2013

E. Rehabilitation Sciences (no items)

F. Respiratory Therapy (no items)

III. College of Liberal Arts

Item 1 from the College of Liberal Arts was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

1. The College of Liberal Arts Curriculum Committee recommends the following change to the language on page 67 of the catalog:

"To earn a minor in conjunction with a degree, students must complete all requirements (as specified) at Armstrong **unless substitutions are granted by the department head or program coordinator**. Specific course requirements for earning a minor are listed under each department. **A minor must contain 15 to 18 semester hours of coursework with at least 9 hours of upper-division coursework. Courses taken to satisfy Core Areas A through E may not be counted as coursework in the minor. Core Area F courses may be counted as coursework in the minor.**"

Rationale: The alteration of the first sentence is to allow department heads and program coordinators more flexibility with our minors, particularly when assessing the transcripts of transfer students. The addition of the third and fourth sentences are intended to help students and advisors have ready access to the USG policy on minors.

A. Art, Music, and Theatre (no items)

B. Criminal Justice, Social, and Political Science

Item 1 from the Department of Criminal Justice, Social and Political Science was discussed and the undergraduate portion approved by the committee. It is being submitted to the Graduate Curriculum Committee and therefore is marked "For Information Only" for the report to the Senate.

For Information Only:

1. Delete the following course:

~~POLS 5535U/G Public Leadership and Ethics in Theory and Practice 3-0-3~~

Rationale: This course served the MALPS program.

Effective Term: Fall 2013

Items 2-5 from the Department of Criminal Justice, Social and Political Science were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

2. Create the following course:

POLS 4330 – Liberalism and the Modern State **3-0-3**
Prerequisite: POLS/HIST 1100 or HIST 1112 or POLS 1200 or POLS 2100
Description: Historical and conceptual development in the theory and practice of liberal democracy from the 17th century to the present.

Rationale: This course fills a gap in the political science curriculum.

Effective Term: Fall 2013

CURCAT:

Major Department: Criminal Justice, Social and Political Science

Can Course be repeated for additional credit? No

Maximum Number of Credit Hours: 3

Grading Mode: Normal

Instruction Type: Lecture

Course Equivalent: None

3. Modify the following program of study:

Program of Study for the Bachelor of Arts in Political Science

A. General Requirements

Core Areas A, B, C, D, and E 42 hours

Area F 18 hours

MATH 2200 - Elementary Statistics

POLS 2200 - Introduction to American Government

One of the following:

POLS 1150 - World Politics

POLS 1200 - Ethics in Government

~~POLS 2100 – Introduction to Political Science~~

POLS 2290 - Foundations of International Relations

Nine hours of a foreign language sequence numbered 1002 or above

Physical Education..... 3 hours

B. Major Field Courses~~36 hours~~ **33 hours**

POLS 2100 – Introduction to Political Science

~~Eleven~~ **Ten** courses from the following with at least one course from each area:

American Political Institutions

POLS 3150 - American Supreme Court

POLS 3160 - Judicial Politics and Strategies

POLS 3190 - Military Law

POLS 3980 - African Americans & the American Political System

POLS 3990 - Special Topics in Political Science
 POLS 4100 - Independent Study in American Government
 POLS 4110 - American Presidency
 POLS 4150 - American Supreme Court
 POLS 4160 - American Congress
 POLS 4170 - Constitutional Law and the Federal System
 POLS 4171 - Constitutional Civil Liberties
 POLS 4190 - Environmental Laws and Regulations
 CRJU/POLS 5500U - Law and Legal Process

Political Theory

POLS 3320 - American Political Thought
 POLS 3340 - Politics and Ideology in Contemporary Europe
 POLS 3350 - Classics of Political Thought
 POLS 3360/SOCI 3360 - Social Theory
 POLS 3990 - Special Topics in Political Science
 POLS 4300 - Religion and Political Thought
POLS 4330 – Liberalism and the Modern State
 POLS 5100U - Politics and the Visual Arts
 POLS 5300U - Marxism, Socialism, and Democracy
~~POLS 5535U – Public Leadership and Ethics in Theory and Practice~~

International Relations

POLS 3990 - Special Topics in Political Science
 POLS 4200 - Independent Study in International Relations
 POLS 5110U - The Politics of Defense and National Security Policy
 CRJU/POLS 5130U - Political Terrorism
 POLS 5210U - International Law
 POLS 5220U - Theory of International Relations
 POLS 5230U - Constitutional Law of Foreign Policy
 POLS 5250U - International Organizations
 POLS 5270U - Intelligence and National Security Policy
 POLS 5280U - Seminar in Global Politics
 POLS 5290U - American Foreign Policy
 POLS 5510U - Third World National Security
 POLS 5530U - Global Environmental Politics
 POLS 5560U - Comparative Foreign Policy

Comparative Politics

POLS 3990 - Special Topics in Political Science
 POLS 4400 - Independent Study in Comparative Government
 POLS 5260U - Media and Politics in Latin America
 POLS 5280U - Seminar in Global Politics
 POLS 5430U - African Politics
 POLS 5440U - Latin American Politics
 SOCI/POLS 5450U - Political Sociology of Nationalism
 POLS 5460U - Governments of East Asia
 POLS 5490U - Political Transformation of the Former Soviet Union

- CRJU/POLS 5520U - Comparative Judicial Systems
 POLS 5560U - Comparative Foreign Policy
~~Capstone course: POLS 4950 - Political Research Methods or CRJU 3100 - Research Methods~~
- C. Capstone course.....3 hours**
POLS 4950 - Political Research Methods or CRJU 3100 - Research Methods
- D. Electives24 hours**
 Including a minimum of 15 hours of upper division courses
- Total Semester Hours123 hours
- E. Exit Exam: Area Concentration Achievement Test in Political Science**

Rationale: POLS 2100 serves as a foundation course for political science majors, providing an introduction to the scope of the discipline. This course also plays a key role in our program assessment plan. Highlighting of the capstone course will eliminate confusion.

Effective Term: Fall 2013

4. Modify the Program of Study for the Minor in Legal Studies

Minors

Legal Studies 18 hours
~~POLS 3180~~, **POLS 4171**, CRJU/POLS 5500U, and any four of the following:
 HSCC 3110, LWSO/POLS 4190, POLS 3150, POLS 3160, POLS 3190, POLS 4170,
 POLS 4171, POLS 4172, CRJU/POLS 5520U, CRJU 4500, or CRJU 4510

Rationale: To reflect the change in course numbering of the Constitutional Civil Liberties course which was changed from POLS 3180 to POLS 4171.

Effective Term: Spring 2013

5. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN LAW AND SOCIETY

B. Major Field Courses 36 hours

In addition to the required courses, select six courses in one of three specialized tracks:

Required Courses

CRJU 3100 - Research Methods *or*
 POLS 4950 - Political Research Methods
 CRJU/POLS 5500U – Law and Legal Process
 POLS 3150 – American Supreme Court
 LWSO 2000 – Introduction to Law and Society
 ENGL 4700 **3800** – Advanced Composition*

ENGL 5730 – Rhetoric*

*Substitutions possible in consultation with program coordinator.

Rationale: Reflects new number of ENGL Course

Effective Term: Spring 2013

- C. Economics (no items)
- D. Gender and Women's Studies (no items)
- E. History (no items)

F. Languages, Literature, & Philosophy

Items 1-9 from the Department of Languages, Literature, and Philosophy were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Create the following course:

ENGL 3150 Mythology

3-0-3

Prerequisite: ENGL 2100

Description: An introduction to the major characters, plots, and themes of mythological narratives.

Rationale: World literatures from the earliest eras to the present often make reference to mythological stories and figures. A knowledge of these mythological systems and of the nature of myth-making will enhance a student's appreciation of literature, human cultures, and the making of non-scientific meaning. This course, while focusing primarily upon Classical (Greek and Roman) myth, could be adapted to other mythologies (Norse, Asian, etc.); hence, its title has no modifier. This course would benefit not only English majors but also students of history, sociology, anthropology, religion, and psychology as a useful upper-level elective.

Effective Date: Spring 2013

CURCAT:

Major Department: Languages, Literature, and Philosophy

Can course be repeated for additional credit? No

Maximum number of Credit Hours: 3

Grading Mode: Normal

Instruction Type: Lecture

2. Delete the following course:

~~**ENGL 4700 Advanced Composition**~~

~~**3-0-3**~~

Rationale: Being replaced by ENGL 3800

Effective Date: Fall 2013

3. Delete the following course:

~~**LING 4700 Advanced Composition** **3-0-3**~~

Rationale: Being replaced by LING 3800

Effective Date: Fall 2013

4. Create the following course

ENGL 3800 Advanced Composition 3-0-3

Prerequisite: ENGL 2100 or permission of department head.

Description: Advanced study of expository and argumentative techniques, grammar and style. Cross-listed as LING 3800.

Rationale: Course will emphasize more of the mechanics of writing and be required for students in the Professional Communication degree program.

Effective Date: Fall 2013

CURCAT:

Major Department: Languages, Literature, and Philosophy

Can course be repeated for additional credit? No

Maximum number of Credit Hours: 3

Instruction Type: Lecture

Course Equivalent: ENGL 4700, LING 4700, LING 3800

5. Create the following course:

LING 3800 Advanced Composition 3-0-3

Prerequisite: ENGL 2100 or permission of department head.

Description: Advanced study of expository and argumentative techniques, grammar and style. Crosslisted as ENGL 3800.

Rationale: Course will emphasize more of the mechanics of writing and be required for students in the Professional Communication degree program.

Effective Date: Fall 2013

CURCAT:

Major Department: Languages, Literature, and Philosophy

Can course be repeated for additional credit? No

Maximum number of Credit Hours: 3

Instruction Type: Lecture

Course Equivalent: LING 4700, ENGL 4700, ENGL 3800

6. Modify the following course:

GRMN 2001 Intermediate German I

3-0-3

Prerequisite: Eligibility for ENGL 1101 and GRMN 1002.

Description: Continuation of GRMN 1002. **Emphasis on the culture of the German-speaking world with** continued development of reading, writing, listening, and speaking skills.

Rationale: While this course has always included German and Germanic culture, the description needs changing, now that the course is included in core area C-1

Effective Date: Spring 2013**7. Modify the Program of Study for Religious Studies Minor**

Religious Studies 18 hours

RELI 2100 — World Religions

This minor requires the completion of RELI 2100 plus five upper level (3000+) undergraduate courses either from the list below or as approved by the minor program coordinator:

ANTH 4000 Sorcery, Demons, and Gods

ENGL 3141 Bible as Literature

ENGL 3150 Mythology

ENGL 5215U Literature of the Non-Western World

ENGL 5440U Early English Literature

ENGL 5480U Literature of the English Renaissance

ENGL 5485U Milton

HIST 3225 History of the Ancient Near East

HIST 3440 Europe in The Middle Ages

HIST 5450U Topics in Medieval History

PHIL 3120 Medieval Philosophy

PHIL 3330 Philosophy of Religion

POLS 4300 Religion and Political Thought

SOCI/POLS 5450U Political Sociology of Nationalism

RELI 4000 Special Topics in Religious Studies

Other Special Topics courses as approved by coordinator

Effective Date: Spring 2013**8. Modify the following program of study:**

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN ENGLISH

Track II: Professional Communication

B. Major Field Courses.....36 hours

ENGL 3700 Introduction to Communications

ENGL 3710 Freelance Writing and Publication

ENGL 3720 Business and Technical Communication

ENGL 3800 Advanced Composition

ENGL 4990 Internship (3-9 hrs)

~~ENGL 5730U Rhetoric~~

Twelve semester hours from one of the following categories:

Technical Communication

~~ENGL 4700 Advanced Composition~~

ENGL 5710U Writing for nonprofits

ENGL 5730U Rhetoric

ENGL 5740U Technical Editing

ENGL 5750U Publication Design

COMM 3060 Public Relations

[Remainder of degree program remains the same as previously.]

Rationale: Program assessment for the English/Professional Communication program revealed a weakness in students' overall writing ability. Substituting Advanced Composition, with its new emphasis on grammar and style, for Rhetoric as a required course should improve writing ability.

Effective Date: Fall 2013

9. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN ENGLISH

Track I: English

Literature and Culture Courses

Two courses selected from

ENGL 5200U Postcolonial Literature

ENGL 5215U Literature of the Non-Western World

ENGL 5225U Literature of the Western World

ENGL 5280U Literature and the Environment

ENGL 5340U Literature by Women

ENGL 5350U **Topics in** African American Literature

ENGL 5380U Southern Literature

~~ENGL 5550U Contemporary Literature~~

FILM 5025U Popular Culture Theory/Criticism

FILM 5510U Film and Literature

[Remainder of degree program remains the same as previously.]

Rationale: Correcting errors. 5280 should have always been in this category. Category was not changed with course title was changed for 5350. 5550 is in "historical period" category and should never have been in cultural studies.

Effective Date: Spring 2013

- G. Liberal Studies (no items)
- H. Honors Program (no items)

IV. College of Science and Technology (no items)

OTHER BUSINESS

- A. Item for Consideration.** When Area F plus the major in any program of study reaches the point of being taught 50% online, should this be the point at which the University Curriculum Committee reviews the major.

There was extended discussion on this topic. Major points:

- UCC bylaws define curricular issues as “issues pertaining to program or curriculum development, change, or implementation and issues that significantly and broadly affect the nature and quality of instruction in a program.”
- When 50% of a program of study can be delivered online, SACS and the Board of Regents have to be notified.
- Of the 42 credit hours offered in Core Areas A-E, 38-41 credit hours are now available online. Given that, a program of study could easily go over that 50% mark simply from delivery of core courses and outside electives, without any courses in the major being delivered online at all.
- The Core is determined incrementally, by many people. Majors are determined as a whole by the department. The UCC primarily looks at changes within majors. This would make it more appropriate for the UCC to do a review when 50% of Area F plus the major in a program of study becomes available online, rather than when the program of study as a whole becomes 50% available online.
- A method of tracking would have to be put in place. The Educational Technology Committee (ETC) reviews online delivery of individual courses and could conceivably provide information on a course by course basis, but the courses within each major would have to be tracked for when the 50% mark is achieved.
- The UCC would have to define exactly what it is going to review, and departments would need to know what to expect. If a major plus Area F is going to be offered more than 50% online, it seems reasonable that the college curriculum committee should look at that, with input from the ETC and the Office of Online and Blended Learning, and then come to the UCC.

UCC members were tasked with getting input on this matter from the deans and department heads in their constituency and bringing it back for more discussion at the next meeting. Dr. Kristen Betts should also be asked for input.

B. Ad Hoc Committee on Blanket Catalog Changes (see Attachment 1)

The ad hoc committee gave its recommendation, which supported the criteria proposed at the last meeting for determining when a blanket change would be appropriate. It was reiterated that blanket changes would be voted on by the UCC before the catalog editor implemented them. The catalog editor proposed creating a summary of all the changes made to the catalog as a result of blanket approvals and attaching that summary to the minutes of the meeting at the time the draft catalog is updated. This would provide detailed documentation and would also help the Registrar with making these updates in Banner.

ADJOURNMENT. The meeting was adjourned at 4:58 p.m.

Respectfully submitted,

Phyllis L. Panhorst
Catalog Editor and Secretary to the Committee

9/5/2012

To: UCC Members

From: Ad Hoc Subcommittee to review UCC policy on blanket changes to the undergraduate catalog (Kathryn Craven, Jack Simmons, Myka Campbell)

Conclusion:

We felt that the policy presented in March 2012 and included as Attachment 1 to the Agenda for the UCC meeting August 15, 2012 was an appropriate recommendation to resolve the issue raised below.

To clarify, we agree that: 1) It is still the job of the department proposing changes to their courses to notify anyone affected by the change. 2) Any department using a changed course needs to review the change and align it with their program of study.

“Issue to be resolved:

Frequently, there are changes made to the Undergraduate Catalog that affect programs outside the department making the change. This requires balancing the needs of the programs making the change with other affected programs. The particular case addressed here pertains to changes in course number, title, prerequisites or description that do not affect who may take the course or the actual content taught in the course based on current practice. Current curriculum procedure stresses that changes to each department's catalog entry be proposed by that department. This has resulted in numerous cases where portions of the catalog are out of date until departments notice the changes made by others and bring their catalog entries up to date.”

Proposed New Policy:

A blanket change in all references to a course throughout the catalog may be appropriate for any and all of the following changes to the catalog entry for a particular course:

1. Change in title
2. Change in course number remaining at the same level, 1000 and 2000, 3000 and 4000, 5000.
3. Reduction in prerequisite.
4. Editorial change in description with no change in actual course content. Descriptions that are being brought "up to date" for courses that have evolved away from their original description fit these criteria.

A blanket change in all references to a course is NOT appropriate if any of these are true:

1. Change in course number to different level of instruction (ex. from 2000 to 3000 level course)
2. Change in prerequisite.
3. Change in course description based on an intended change in content. An example would be realigning content among several courses, or choosing a new emphasis for a course.

This policy does not absolve departments of the obligation to notify other affected departments of impending proposals to make changes that would affect the other department.