

Armstrong

UNIVERSITY CURRICULUM COMMITTEE
University Hall 282
Minutes, November 4, 2015

PRESENT: Myka Bussey-Campbell (Chair), Suzanne Carpenter, Kathryn Craven, Katrina Embrey, Robert Harris, John Kraft, Anthony Parish, Jared Schlieper, Julie Swanstrom, James Todesca, Phyllis Fulton (Catalog Editor)

ABSENT: Jose da Cruz (Vice Chair), Jackie Kim, Andi Beth Mincer

GUESTS: Laurie Adams, Katherine Bennett, Donna Brooks, Tom Cato, Brent Feske, Catherine Gilbert, John Hobe, Rock McCaskill, Daniel Skidmore-Hess, Sandy Streater, Heather Thornton

CALL TO ORDER. The meeting was called to order at 3:02 p.m. by Myka Bussey-Campbell.

APPROVAL OF MINUTES. The minutes of October 7, 2015 were approved as presented.

ITEMS

I. College of Education

Item 1 from the College of Education 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.

1. Modify the following course:

EDUC 5750U/G Extended Field Experience

~~V-V-(3-9)~~V-V-(1-9)

Rationale: Changing number of credit hours allows greater flexibility to meet student needs.

Effective Term: Fall 2016

Item 2 from the College of Education was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

2. College wide change to exit exam language:

The College of Education is going to eliminate the MAPP exam as an exit exam requirement for all majors and programs in the college that are currently listed in Banner as requiring this exam. We are asking for a blanket change to remove this exam in our Banner system from the designated programs. These programs have other exit exams/assessment measures, and the catalog language reflects that.

Effective Term: Fall 2016

A. Childhood and Exceptional Student Education

Items 1-2 from the Department of Childhood and Exceptional Student Education were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Modify the following course:

ECUG 3072 Teaching of Reading

Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education, and **EDUC 3200, ECUG 3040 and ECUG 3060**

Co-Requisite: **ECUG 3071**

Rationale: Change in catalog to match co-requisite.

Effective Term: Fall 2016

2. Modify the following course:

ECUG 3750 Internship I—Pre-Student Teaching

Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and departmental approval, and **ECUG 3071 and ECUG 3072**. This course must be taken the semester before ECUG 4750 Internship II (Student Teaching).

Co-Requisite: **ECUG 4300**

Rationale: Change in catalog to match co-requisite.

Effective Term: Fall 2016

B. Secondary, Adult, and Physical Education (no items)

II. College of Health Professions

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

1. College wide change to exit exam language:

The College of Health Professions is going to eliminate the MAPP exam as an exit exam requirement for all majors and programs in the college that are currently listed in Banner as requiring this exam, except for the following:

- Associates degree tracks:
 - Medical Laboratory Science
 - Radiologic Sciences
 - Respiratory Therapy
 - Health Sciences
 - Rehabilitation Science.

Additionally, the MAPP exam should be added to following programs, which have no exit exam information listed:

- Associate degree track in Communication Sciences & Disorders
- Bachelor of Science in Communication Sciences & Disorders
- Bachelor of Science in Rehabilitation Sciences

We are asking for a blanket change to remove the MAPP exam in our Banner system from all other programs and replace with "Exit Exam," where not already listed. These programs have other exit exams/assessment measures, and the catalog should reflect consistent wording for that.

Effective Term: Fall 2016

A. Diagnostic and Therapeutic Sciences

Items 1-6 from the Department of Diagnostic and Therapeutic Sciences were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Modify the following course description:

RDSC 3001 Radiologic Sciences I

5-0-5

Prerequisite: Open only to majors in radiologic sciences.

An introduction to professional organizations, specialties, accreditation, certification, licensure, professional development, ethics and legal issues. **Topics include** ~~Mechanics~~mechanics, electromagnetic physics, nuclear physics, ~~and~~x-ray production, **introduction to digital imaging processes, fluoroscopy, sonographic or radiologic physical principles and instrumentation, and nuclear decay** as they relate to

the medical setting. ~~Includes introduction to digital imaging processes, fluoroscopy, radiologic physics and nuclear decay.~~

Rationale: Sonography majors are required to have sonographic physical principles and instrumentation to meet accreditation standards. The aforementioned was not included initially.

Effective date: Fall 2016

2. Modify the following course:

DDTS 3001 Patient Care and ~~Interaction~~ Assessment 3-2-3-2-0-2

Prerequisite: Open only to majors in Diagnostic and Therapeutic Sciences.

Corequisite: DDTS 3001L

~~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, acquisition and interpretation of EKG's, emergency medical situations, infectious disease processes and universal precautions.~~ **An interdisciplinary approach to the understanding and knowledge of patient interaction, assessment, chart reviews, infection control, professionalism, communication, safety in transferring, disease processes, medical emergencies, managing medical devices, basic pharmacology and basic life support.**

Rationale: This course is being modified to accommodate the addition of respiratory therapy content. The lab will be offered as a separate course.:

Effective Term: Fall 2016

CURCAT

Major Department: Diagnostic and Therapeutic Sciences

Can Course be repeated for Additional Credit? No

Maximum number of credit hours: 32

Grading Mode: Normal

Instruction Type: Lecture ~~and Laboratory~~

Course Equivalent: RADS 3050, RESP 3110

3. Create the following course:

DDTS 3001L Patient Care and Assessment Lab **0-2-1**

Prerequisite: Open only to majors in Diagnostic and Therapeutic Sciences

Co-Requisite: DDTS 3001

Practical applications of the fundamental concepts and procedures related to patient care in Diagnostic and Therapeutic Sciences.

Rationale: This lab has been separated from the course to accommodate the interprofessional nature of this course.

Effective Term: Fall 2016

CURCAT

Major Department: Diagnostic and Therapeutic Sciences

Can Course be repeated for Additional Credit? No

Maximum number of credit hours: 1

Grading Mode: Normal Instruction Type: Lab

Course Equivalent: None

4. Modify the following course:

RDSC 4100 Advanced Imaging Modalities 3-0-3

Prerequisite: RADR 4101 or CVIS 4101 or NUCM 4101 or RTHR 4101 or SONO 4101

Co-requisite: RADR 4102 or CVIS 4102 or NUCM 4102 or RTHR 4102 or SONO 4102

Instrumentation, operation, and clinical uses of MRI or CT or Mammography **or Sonography**

Rationale: Although Sonography (SONO) is listed in the pre/co-requisites, it was not included in the course description when RDSC 4100 was presented initially.

Effective Term: Fall 2016

5 Modify the following program of study

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN RADIOLOGIC SCIENCES–SPECIAL OPTIONS

A. General Requirements (Core Areas A, B, C, D.IIB, and E)42 hours

Core Area F18 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](#)

DDTS 2001 Intro to Diagnostic and Therapeutic Sciences

Guided Electives* from the following list (3 credit hours)

COMM 2280, or a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR, or GEOL

***Nuclear Medicine students who have not completed a Chemistry sequence in the Core must complete one chemistry course with lab as the guided elective.**

***Radiation Therapy students who have not completed a pre-calculus course in the Core must complete a pre-calculus course as the guided elective.**

***Sonography students who have not completed a speech communication course in the Core must complete a speech communication course as the guided elective.**

One of the following:

PHSC 1211/1211L Physical Environment and Lab

PHYS 1111K Introductory Physics I

Physical Education3 hours

First-Year Seminar 1 hour

B. Major Field Courses66 hours

a. Radiation Therapy

~~RADS 3000 Introduction to Radiologic Sciences~~

~~RADS 3080 Professional Interactions~~

~~RADS 3050 Patient Care and Interactions~~

~~RADS 3060 Principles of Image Formation and Evaluation~~

~~RADS 3090 Introduction to Radiation Physics~~

~~RADS 3112 Introduction to Computed Tomography~~

~~RADS 3150 Radiobiology and Radiation Protection~~

~~RADS 3190 Principles of Radiation Therapy~~

~~RADS 3195 Radiation Therapy Procedures~~

~~RADS 3200 Imaging Pathology~~

~~RADS 3301 Clinical Education I~~

~~RADS 3302 Clinical Education II~~

~~RADS 3450 Leadership in Healthcare~~

~~RADS 3451 Leadership Practicum~~

~~RADS 4112 Advanced Imaging in Computed Tomography~~

~~RADS 4201 Radiation Oncology I~~

~~RADS 4202 Radiation Oncology II~~

~~RADS 4240 Radiation Therapy Physics~~

~~RADS 4260 Treatment Planning~~

~~RADS 4280 Quality Management in Radiation Therapy~~

~~RADS 4303 Clinical Education III~~

~~RADS 4304 Clinical Education IV~~

~~RADS 4305 Clinical Education V~~

~~RADS 4307 Radiation Therapy Synthesis Seminar~~

~~RADS 4308 Radiation Therapy Seminar~~

~~RADS 4410 Cross-Sectional Anatomy~~

~~RADS 4450 Radiologic Sciences Management~~

~~RADS 4800 Research Methodologies in Radiologic Sciences~~

DDTS 3001 Patient Care and Assessment

DDTS 3001L Patient Care and Assessment Lab

DDTS 4010 Research Methodologies

DDTS 4020 Management and Leadership

HLPR 2000 Intro to Research in Health Professions

RDSC 3001 Radiologic Sciences I

RDSC 3002 Radiologic Sciences II

RDSC 3060 Principles of Image Formation and Evaluation

RDSC 4100 Advanced Imaging Modalities

RTHR 3001 Radiation Therapy I

RTHR 3002 Radiation Therapy II

RTHR 3003 Radiation Therapy III

RTHR 3100 Introduction to Radiation Therapy Clinical Education
RTHR 4101 Radiation Therapy Clinical Education I
RTHR 4102 Radiation Therapy Clinical Education II
RTHR 4103 Radiation Therapy Clinical Education III
RTHR 4200 Radiation Therapy Synthesis

b. Nuclear Medicine

~~RADS 3000 Introduction to Radiologic Sciences~~
~~RADS 3050 Patient Care and Interactions~~
~~RADS 3080 Professional Interactions~~
~~RADS 3090 Introduction to Radiation Physics~~
~~RADS 3150 Radiobiology and Radiation Protection~~
~~RADS 3112 Introduction to Computed Tomography~~
~~RADS 3200 Imaging Pathology~~
~~RADS 3450 Leadership in Healthcare~~
~~RADS 3451 Leadership Practicum~~
~~RADS 3501 Principles of Nuclear Medicine I~~
~~RADS 3502 Principles of Nuclear Medicine II~~
~~RADS 3503 Principles of Nuclear Medicine III~~
~~RADS 3510 Nuclear Medicine Instrumentation~~
~~RADS 3520 Radiopharmacy and Radiochemistry~~
~~RADS 3531 Clinical Education I~~
~~RADS 3532 Clinical Education II~~
~~RADS 4112 Advanced Imaging in CT~~
~~RADS 4410 Cross-Sectional Anatomy~~
~~RADS 4533 Clinical Education III~~
~~RADS 4534 Clinical Education IV~~
~~RADS 4535 Clinical Education V~~
~~RADS 4540 Nuclear Medicine Physics~~
~~RADS 4561 Nuclear Medicine Synthesis~~
~~RADS 4562 Nuclear Medicine Seminar~~
~~RADS 4570 Introduction to PET~~
~~RADS 4450 Radiologic Sciences Management~~
~~RADS 4800 Research Methodologies in Radiologic Sciences~~
DDTS 3001 Patient Care and Assessment
DDTS 3001L Patient Care and Assessment Lab
DDTS 4010 Research Methodologies
DDTS 4020 Management and Leadership
HLPR 2000 Intro to Research in Health Professions
NUCM 3001 Nuclear Medicine I
NUCM 3002 Nuclear Medicine II
NUCM 3003 Nuclear Medicine III
NUCM 3100 Introduction to Nuclear Medicine Clinical Education
NUCM 4101 Nuclear Medicine Clinical Education I
NUCM 4102 Nuclear Medicine Clinical Education II
NUCM 4103 Nuclear Medicine Clinical Education III

NUCM 4200 Nuclear Medicine Synthesis
RDSC 3001 Radiologic Sciences I
RDSC 3002 Radiologic Sciences II
RDSC 3060 Principles of Image Formation and Evaluation
RDSC 4100 Advanced Imaging Modalities (CT section)

c. Sonography

~~COMM 2280 Speech Communication~~
~~RADS 3000 Introduction to Radiologic Sciences~~
~~RADS 3050 Patient Care and Interactions~~
~~RADS 3080 Professional Interaction~~
~~RADS 3200 Imaging Pathology~~
~~RADS 3450 Leadership in Healthcare~~
~~RADS 3451 Leadership Practicum~~
~~RADS 3600 Introduction to Sonography~~
~~RADS 3601 Sonographic Theory I~~
~~RADS 3602 Sonographic Theory II~~
~~RADS 3603 Sonographic Theory III~~
~~RADS 3604 Sonographic Theory IV~~
~~RADS 3631 Sonography Clinical Education I~~
~~RADS 3632 Sonography Clinical Education II~~
~~RADS 3651 Sonographic Physics I~~
~~RADS 3652 Sonographic Physics II~~
~~RADS 4410 Cross-Sectional Anatomy~~
~~RADS 4450 Radiologic Sciences Management~~
~~RADS 4633 Sonography Clinical Education III~~
~~RADS 4634 Sonography Clinical Education IV~~
~~RADS 4635 Sonography Clinical Education V~~
~~RADS 4661 Sonography Synthesis Seminar~~
~~RADS 4662 Advanced Sonography Seminar~~
~~RADS 4671 Introduction to Vascular Sonography~~
~~RADS 4800 Research Methodologies in Radiologic Sciences~~
DDTS 3001 Patient Care and Interaction Assessment
DDTS 3001L Patient Care and Assessment Lab
DDTS 4010 Research Methodologies
DDTS 4020 Management and Leadership
HLPR 2000 Intro to Research in Health Professions
RDSC 3001 Radiologic Sciences I
RDSC 3002 Radiologic Sciences II
RDSC 3060 Principles of Image Formation and Evaluation
RDSC 4100 Advanced Imaging Modalities
SONO 3001 Sonography Principles, Theory, and Physics I
SONO 3002 Sonography Principles, Theory, and Physics II
SONO 3003 Sonography Principles, Theory, and Physics III
SONO 3100 Introduction to Sonography Clinical Education
SONO 4101 Sonography Clinical Education I

SONO 4102 Sonography Clinical Education II
SONO 4103 Sonography Clinical Education III
SONO 4200 Sonography Synthesis

Upon completion of 80 semester hours towards the degree, technologists who are registered by the American Registry of Radiologic Technologists, the Nuclear Medicine Technology Certification Board, or the American Registry for Diagnostic Medical Sonography will be awarded equivalency credit hours in the major. The amount of credit will be based on the technologist's academic record and professional portfolio

Total Semester Hours **130 hours**

C. Exit Exam

Rationale: The program of study for the degree of Bachelor of Science in Radiologic Sciences was modified last year for all tracks. The change in the program of study for the available special options tracks is necessary to bring them into alignment with the current BSRS degree.

Effective Term: Fall 2016

6. Modify the following program of study:

PROGRAM FOR THE DEGREE OF ASSOCIATE OF SCIENCE

Radiologic Sciences Track

A. General Requirements (Core Areas A, B, C, D.IIB, E).....42 hours

Physical Education.....3 hours

First-Year Seminar 1 hour

B. Additional Requirements (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~~

DDTS 2001 Intro to Diagnostic and Therapeutic Sciences

Guided Electives from the following list (4 3credit hours)

~~RADS 2000 Terminology of Imaging and Radiologic Sciences OR RESP~~

~~2110 Medical Terminology~~

COMM 2280, or a lower-level class (1000- or 2000-level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR, GEOL, or ISCI

One of the following:

PHSC 1211/1211L Physical Environment and Lab

PHYS 1111K Introductory Physics I

Total Semester Hours

64

C. ~~University~~ Exit Exam

Rationale: The program of study for the degree of Bachelor of Science in Radiologic Sciences was modified last year for all tracks. The change in area F in the program of study for the Associate of Science Degree is necessary to bring it into alignment with the current area F of the BSRS degree so that those students applying to the program will have the necessary core requirements.

Effective Term: Fall 2016

B. Health Sciences (no items)

C. Nursing

Items 1-3 from the Department of Nursing were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Modify the following program of study:

PROGRAM OF STUDY FOR THE BACHELOR OF SCIENCE IN NURSING – PRE-LICENSURE STUDENTS

B. Major Field Courses64 hours

NURS 3304 Professional Nursing Practice
 NURS 3309 Pathophysiology
 NURS 3312 Pharmacological Concepts for Nursing I
 NURS 3320 Health Assessment of the Well Individual
 NURS 3344 Skills and Essentials
 NURS 3345 Adult Health I
 NURS 3535 Mental Health
 NURS 4313 Pharmacological Concepts for Nursing II
 NURS 4345 Adult Health II
 NURS 4355 Women and Children's Health
 NURS 4440 Population Focused Nursing
 NURS 4445 Research for Evidence-Based Practice
 NURS 4450 Professional Nursing Leadership and Management
 NURS 4466 Critical Scientific Inquiry

One elective course selected from:

NURS 3610 Strategies for Success in Professional Nursing
NURS 4009 Foundations of Healthcare Informatics
NURS 4010 Legal and Ethical Issues in Nursing
 NURS 4210 Gerontology in the 21st Century
 NURS 4211 Vulnerable Populations
 NURS 4212 International Nursing Issues and Trends
 NURS 4213 Introduction to Forensic Nursing and the Law

NURS 4214 Complementary and Alternative Medicine
 NURS 4215 Home Health Nursing
 NURS 4216 Palliative Care at End of Life
 NURS 4217 Critical Care
 NURS 4218 Perioperative Nursing
 NURS 4219 Nursing Perspectives: Then, Now, and the Future
 NURS 4220 Women and Leadership in Nursing
 NURS 4221 Nursing Practice in the Military
 NURS 4222 Pediatric Nursing Externship
 NURS 4223 Maternal/Infant Nursing Externship
 NURS 4227 Health Promotion through the Life Span

RATIONALE: All nursing students are required to take one nursing elective. Full time faculty workload limits the number of electives that are offered during fall and spring semesters, often resulting in the same elective being offered each semester. This situation results in limited or no choice for students. By adding these additional electives, currently electives in the RN-BSN track and offered by faculty each semester, provides more options for all BSN students. Additionally, both of these electives are very relevant to nursing practice today.

Effective Term: Fall 2016

2. Modify the following program of study

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN NURSING–PRE-LICENSURE STUDENTS, ADVANCED PLACEMENT TRACK (APT)

B. Major Field Courses64 hours

NURS 3304 Professional Nursing Practice
 NURS 3309 Pathophysiology
 NURS 3312 Pharmacological Concepts for Nursing I
 NURS 3320 Health Assessment of the Well Individual
 NURS 3344 Skills and Essentials**
 NURS 3345 Adult Health I**
 NURS 3535 Mental Health**
 NURS 4313 Pharmacological Concepts for Nursing II
 NURS 4345 Adult Health II
 NURS 4355 Women and Children’s Health**
 NURS 4440 Population Focused Nursing
 NURS 4445 Research for Evidence-Based Practice
 NURS 4450 Professional Nursing Leadership and Management
 NURS 4466 Critical Scientific Inquiry
 One elective course selected from:
 NURS 3610 Strategies for Success in Professional Nursing
 NURS 4009 Foundations of Healthcare Informatics
 NURS 4010 Legal and Ethical Issues in Nursing

NURS 4210 Gerontology in the 21st Century
 NURS 4211 Vulnerable Populations
 NURS 4212 International Nursing Issues and Trends
 NURS 4213 Introduction to Forensic Nursing and the Law
 NURS 4214 Complementary and Alternative Medicine
 NURS 4215 Home Health Nursing
 NURS 4216 Palliative Care at End of Life
 NURS 4217 Critical Care
 NURS 4218 Perioperative Nursing
 NURS 4219 Nursing Perspectives: Then, Now, and the Future
 NURS 4220 Women and Leadership in Nursing
 NURS 4221 Nursing Practice in the Military
 NURS 4222 Pediatric Nursing Externship
 NURS 4223 Maternal/Infant Nursing Externship
 NURS 4227 Health Promotion Through the Life Span

**Must be completed within 10 years of admission to the nursing program.*

***Course may be challenged by testing for licensed practical nurses admitted to the baccalaureate nursing program.*

RATIONALE: All nursing students are required to take one nursing elective. Full time faculty workload limits the number of electives that are offered during fall and spring semesters, often resulting in the same elective being offered each semester. This situation results in limited or no choice for students. By adding these additional electives, currently electives in the RN-BSN track and offered by faculty each semester, provides more options for all BSN students. Additionally, both of these electives are very relevant to nursing practice today.

Effective Term: Fall 2016

3. Modify the following program of study

PROGRAM OF STUDY FOR THE BACHELOR OF SCIENCE IN NURSING–ACCELERATED TRACK (ABS N)

B. Major Field Courses64 hours

NURS 3314 Professional Nursing Practice
 NURS 3319 Pathophysiology
 NURS 3321 Physical Assessment
 NURS 3334 Skills and Essentials
 NURS 3346 Adult Health I
 NURS 3351 Comprehensive Pharmacology
 NURS 3536 Mental Health
 NURS 4346 Adult Health II
 NURS 4356 Women and Children's Health
 NURS 4441 Population Focused Nursing
 NURS 4445 Research for Evidence-Based Practice
 NURS 4451 Professional Nursing Leadership and Management

NURS 4465 Integration of Nursing Knowledge

One elective course selected from:

NURS 4009 Foundations of Healthcare Informatics

NURS 4010 Legal and Ethical Issues in Nursing

NURS 4210 Gerontology in the 21st Century

NURS 4211 Vulnerable Populations

NURS 4212 International Nursing Issues and Trends

NURS 4213 Introduction to Forensic Nursing and the Law

NURS 4214 Complementary and Alternative Medicine

NURS 4215 Home Health Nursing

NURS 4216 Palliative Care at End of Life

NURS 4219 Nursing Perspectives: Then, Now, and the Future

NURS 4220 Women and Leadership in Nursing

NURS 4221 Nursing Practice in the Military

NURS 4227 Health Promotion Through the Life Span

RATIONALE: All nursing students are required to take one nursing elective. Full time faculty workload limits the number of electives that are offered during fall and spring semesters, often resulting in the same elective being offered each semester. This situation results in limited or no choice for students. By adding these additional electives, currently electives in the RN-BSN track and offered by faculty each semester, provides more options for all BSN students. Additionally, both of these electives are very relevant to nursing practice today.

Effective Term: Fall 2016

D. Rehabilitation Sciences (no items)

III. College of Liberal Arts

A. Art, Music, and Theatre

Items 1-4 from the Department of Art, Music, and Theatre were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Delete the following course:

ARTS 4750 — B.F.A. Project 0-3-3

Rationale: Course is being replaced by a new course, ARTS 4700

Effective Term: Fall 2016

2. **Create the following course:**
ARTS 4700: Senior Seminar **1-4-3**
Prerequisite: Minimum of 90 credit hours
One part of the two-part capstone experience taken prior to or concurrently with ARTS 4740 for senior art majors. Development and preparation of a body of work for exhibition in a variety of professional venues.

Rationale: This course provides students a structured approach to developing the skills necessary to prepare and exhibit a body of work in a variety of professional art venues. The course extends the capstone experience from one to two semesters and requires students to prepare a more extensive and well-developed body of work, increasing their preparation for a career in the arts.

Effective Term: Fall 2016

CURCAT:

Major Department: Art, Music and Theatre
Can Course be repeated for additional credit? No
Maximum Number of Credit Hours: 3
Grading Mode: Normal
Instruction Type: Lecture
Course Equivalent: ARTS 4750

3. **Delete the following course:**
~~ARTS 4720 — Leadership in the Visual Arts~~ ~~1-4-3~~

Rationale: Course is being replaced by a new course, ARTS 4710

Effective Term: Fall 2016

4. **Create the following course:**
ARTS 4710: Senior Portfolio **1-4-3**
Prerequisite: Minimum of 90 credit hours
One part of the two-part capstone experience taken prior to or concurrently with ARTS 4740 for senior art majors. Portfolio development, career planning, and professional practices for the artist will be covered.

Rationale: This course proposes to provide students a structured approach to career preparation while making students more accountable for their capstone experience. This course is one part of a two-part series that proposes to replace the current ARTS 4750. Extending the capstone experience from one to two semesters will require students to prepare a more extensive and well-developed body of work and increase their preparation for a career in the arts.

Effective Term: Fall 2016

CURCAT:

Major Department: Art, Music and Theatre
Can Course be repeated for additional credit? No
Maximum Number of Credit Hours: 3
Grading Mode: Normal
Instruction Type: Lecture
Course Equivalent: ARTS 4720

Items 5-6 from the Department of Art, Music, and Theatre were discussed and the undergraduate portions approved by the committee. They are being submitted to the Graduate Curriculum Committee and therefore are marked “For Information Only” for the report to the Senate.

5. Delete the following course:

~~ARTS 5500U/G Curriculum and Methods in Art Education~~ 2-0-2

Rationale: No longer needed and is being replaced by a new course, ARTS 5300.

Effective Term: Fall 2016

6. Create the following course:

ARTS 5300U/G Issues in Art Education 2-0-2

Undergraduate Prerequisite: None

Graduate Prerequisite: None

Critical examination of educational theory and practice through selected historical and socio-political influences. Examinations of policy, career paths in art education, and global art forms.

Rationale: Due to new requirements for pre-certification from the Georgia Professional Standards Commission, this course will not require a practicum experience. Creating this course will give art education students greater flexibility in order to complete the program. In addition, the course will help students prepare for the Georgia Assessments for the Certification of Educators (GACE) content (Art) tests by examining global art. Graduate students will be required to work on a project and deliver a final paper.

Effective Term: Fall 2016

CURCAT:

Major Department: Art, Music and Theatre
Can Course be repeated for additional credit? No
Maximum Number of Credit Hours: 2
Grading Mode: Normal
Instruction Type: Lecture
Course Equivalent: ARTS 5500U/G

Item 7 from the Department of Art, Music, and Theatre was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

7. Modify the following course:

ARTS 4740 SENIOR EXHIBITION 0-2-0

Prerequisites or corequisites: ARTS 4700 or ARTS 4710 ~~ARTS 4720 or ARTS 4750~~

Rationale: ARTS 4720 and ARTS 4750 are being replaced by ARTS 4700 and ARTS 4710.

Effective Term: Fall 2016

Items 8-10 from the Department of Art, Music, and Theatre were discussed and the undergraduate portions approved by the committee. They are being submitted to the Graduate Curriculum Committee and therefore are marked "For Information Only" for the report to the Senate.

8. Modify the following course:

ARTS 5400U/G ART IN THE ELEMENTARY GRADES 3-V1-3

Undergraduate Prerequisite: Admission to Candidacy in the Department of Art, Music and Theatre ~~or permission of instructor~~ and a pre-certification certificate from the Georgia Professional Standards Commission.

Graduate Prerequisite: Limited, Provisional, Regular, or Certification acceptance into Graduate Studies.

Planning and implementing art instruction at the elementary level. Overview of materials, methods, classroom management, and technology appropriate to children at different developmental levels in the elementary classrooms. ~~Thirty~~ hours of practicum work is required.

Rationale: These changes are necessary to comply with new state requirements that a teacher candidate be admitted to candidacy and hold pre-certification from the Georgia Professional Standards Commission prior to doing required practicum work in the school systems in Georgia. Practicum work hours are increased to meet required number of hours in teaching classrooms prior to graduation.

Effective Term: Fall 2016

9. Modify the following course:

ARTS 5410U/G ART IN THE MIDDLE AND SECONDARY GRADES 3-V1-3

Undergraduate Prerequisite: Admission to Candidacy in the Department of Art, Music and Theatre ~~or permission of instructor~~ and a pre-certification certificate from the Georgia Professional Standards Commission

Graduate Prerequisite: Limited, Provisional, Regular, or Certification acceptance into Graduate Studies.

Planning and implementing art instruction at the middle and secondary level. Overview of materials, methods, classroom management, and technology appropriate for the middle and secondary classroom. ~~Thirty~~Ten hours of practicum work is required.

Rationale: These changes are necessary to comply with new state requirements that a teacher candidate be admitted to candidacy and hold pre-certification from the Georgia Professional Standards Commission prior to doing required practicum work in the school systems in Georgia. Practicum work hours are increased to meet required number of hours in teaching classrooms prior to graduation.

Effective Term: Fall 2016

10. Modify the following course:

ARTS 5430U/G TECHNOLOGY IN ART EDUCATION **1-0-1**

~~Undergraduate Prerequisite: admission to Candidacy in the Department of Art, Music and Theatre and either ARTS 5400U or ARTS 5410U~~

Graduate Prerequisite: Limited, Provisional, Regular, or Certification acceptance into Graduate Studies.

Rationale: Course does not have field experience required for admission to candidacy and does not need to be coupled to other courses.

Effective Term: Fall 2016

Items 11-13 from the Department of Art, Music, and Theatre were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

11. Modify following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN ART

B. Major Field Courses39 hours

ARTS 2012 Painting II

ARTS 2040 Photography

ARTS 2150 The Computer in Art

ARTS 2400 Introduction to Craft

ARTS 2720 Art History II

ARTS 3130 Drawing III

ARTS 3300 Ceramics I

ARTS 3400 Printmaking I

ARTS 3700 Figure Sculpture

~~ARTS 4700 Senior Seminar or ARTS 4710 Senior Portfolio~~

~~ARTS 4720 Leadership in the Visual Arts~~

ARTS 4740 Senior Exhibition

ARTS 5750U Contemporary Art & Criticism
Two studio courses (3000 and above) from one of the following areas: drawing and painting, sculpture, ceramics, crafts, or photography

E. Department Exit Exam

Effective Term: Fall 2016

12. Modify the following program of study

PROGRAM FOR THE DEGREE OF BACHELOR OF FINE ARTS IN VISUAL ART

D. Capstone Courses6 hours

~~ARTS 4750 B.F.A. Project~~

~~ARTS 4720 Leadership in the Visual Arts~~

ARTS 4700 Senior Seminar

ARTS 4710 Senior Portfolio

ARTS 4740 Senior Exhibition

E. Department Exit Exam

Effective Term: Fall 2016

13. Modify the following program of study

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN ART EDUCATION

B. Major Field Courses48 hours

ARTS 1011 Drawing II

ARTS 2011 Painting I

ARTS 2012 Painting II

ARTS 2040 Photography

ARTS 2150 The Computer in Art

ARTS 2400 Introduction to Craft

ARTS 2720 Art History II

ARTS 3300 Ceramics I

ARTS 3400 Printmaking I

ARTS 3700 Figure Sculpture

ARTS 5300U Issues in Art Education

ARTS 5400U Art in Elementary Grades

ARTS 5410U Art in the Middle and Secondary Grades

ARTS 5430U Technology in Art Education

~~ARTS 5500U Curriculum and Methods in Art Education~~

ARTS 5750U Contemporary Art and Criticism

Six semester hours of upper division studio courses from one of the following areas: drawing and painting, sculpture, ceramics, crafts, or photography.

- D. Georgia Assessment for the Certification of Educators (GACE) Program Admission Assessments or exemption scores; Admission to Candidacy; evidence of professional tort liability insurance valid for a period of less than three (3) years from the date of Admission to Candidacy or exemption; GACE content area examination passed; admission to Internship II; Georgia Professional Standards Commission Pre-Service Certificate; content pedagogy assessment; senior exhibition; gallery-talk.** ~~GACE Basic Skills Assessment, admission to candidacy in the Department of Art, Music and Theatre, education teaching portfolio, admission to Internship II, successful completion of GACE content area examinations, criminal background check, senior exhibition, gallery talk.~~

Rationale: The content addressed in ARTS 5500U is now addressed in ARTS 5300U. Other changes are to update non-course requirements and/or name changes as dictated by changes at the Georgia Professional Standards Commission.

Effective Term: Fall 2016

B. Criminal Justice, Social, and Political Science

Items 1-2 from the Department of Criminal Justice, Social, and Political Science were discussed and the undergraduate portions approved by the committee. They are being submitted to the Graduate Curriculum Committee and therefore are marked "For Information Only" for the report to the Senate.

1. **Create the following course:**
CRJU 5600U/G Fraud Examination **3-0-3**
Undergraduate Prerequisite: Minimum of 60 credit hours
Graduate Prerequisite: None
Principles and methodology of fraud detection and deterrence. Introduces various ways fraud and occupational abuses occur; explores risks associated with internal and external fraud, applicable detection, prevention, and investigative techniques for mitigating these risks.

Rationale: This is a required course for the Certificate in Financial Investigations and Fraud Prevention Certificate. In addition, this course meets an identified need for more upper-level electives in the undergraduate criminal justice degree and graduate electives for the Master of Science in Criminal Justice degree. There is an increasing demand in the corporate, banking, and private business sectors for personnel to combat fraud and provide due diligence and compliance with government regulations. (In times of government austerity, these sectors increasingly rely on internal fraud examiners and auditors to accomplish these goals.) This course will provide an

introduction to Fraud Examination for students who wish to pursue further study and eventual employment in either the private or the governmental sectors. Further, a three credit hour course in Fraud Examination is required in order to become a member of the ACFE (Association of Certified Fraud Examiners) Anti-Fraud Education Partnership, which is an initiative we would like to pursue. Undergraduate students will enroll in CRJU 5600U, and graduate students will enroll in CRJU 5600G. Graduate students will be required to work on an additional project and/or deliver a final major paper.

Effective Term: Fall 2016

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

2. Create the following course:

CRJU 5602U/G Forensic Financial Investigations

3-0-3

Undergraduate Prerequisite: A minimum grade of "C" in ACCT 2102 and minimum of 60 credit hours

Graduate Prerequisite: A minimum grade of "C" in ACCT 2102

Advanced concepts of forensic financial investigations; examination and analysis of documents and other sources of information, tracing financial transactions, identifying circumstantial evidence, report writing, and preparing for court testimony.

Rationale: This is a necessary course for creation of Certificate in Financial Investigations and Fraud Prevention Certificate. In all cases, investigators need to follow leads to their conclusive ends. This is also true with financial investigations—only in this instance the evidence and leads are overwhelmingly business, government, and bank records. Financial investigators need to be able to track transactions through the documentation and records created by businesses, financial institutions, and government agencies. They also need to be able to prove financial activity through indirect methods and circumstantial methods of proof. By following these transactions or circumstantial evidence to their conclusive ends, financial investigators will ultimately be able to determine the beneficial owner(s) of certain assets and thereby prove complicity or innocence in fraud and other financial violations. Undergraduate students will enroll in CRJU 5602U, and graduate students will enroll in CRJU 5602G. Graduate students will be required to work on an additional project and/or deliver a final major paper.

Effective Term: Fall 2016

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**

Item 3 from the Department of Criminal Justice, Social and Political Science was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

3. Create the following CERTIFICATE:**Certificate in Financial Investigations and Fraud Prevention**

The Department of Criminal Justice, Social and Political Science, in conjunction with the Department of Economics, offers a joint certificate in financial investigations and fraud prevention. Certificate includes courses in the areas of forensic accounting, economic crime investigations, and criminal evidence and procedure, as well as hands-on training in cyber forensics. Students from all academic majors who have (or are attempting) an Accounting minor and possess a minimum 2.5 GPA are eligible to earn this certificate. Students should meet with an advisor to declare their interest in the program and plan their course of study. The certificate will be awarded upon successful completion of all of the following courses with a grade of C or better in each.

Undergraduate Certificate in Financial Investigations and Fraud Prevention

	36-45 hours
Accounting minor	18 hours
CRJU 1100 Introduction to Criminal Justice	3 hrs
CRJU 3160 White-Collar and Organized Crime	3 hrs
CRJU 3500 Criminal Evidence and Procedure	3 hrs
ECON 2106 Principles of Microeconomics	3 hrs
ECON 3480 Economics of Vice	3 hrs
CRJU 5003U Cyber Forensics or CRJU 5010U Digital Forensics I	3 hrs
CRJU 5600U Fraud Examination	3 hrs
CRJU 5602U Forensic Financial Investigations	3 hrs
POLS 2200 Introduction to American Government	<u>3 hrs</u>
Total	36-45 hrs

Rationale: This certificate program recognizes the increasing need for professionals trained in detecting, investigating, and preventing financial crimes in the public and private sectors. Along with a relevant undergraduate degree and minor in Accounting, students may pursue careers as financial fraud investigators in diverse areas such as banking, health care industries, insurance agencies, the IRS, district attorneys' asset

forfeiture units, etc. Recently tightened governmental regulations and laws point to an increase in a variety of career opportunities related to this field. Successful completion of the certificate will prepare students for further industry certifications/credentials, such as the **Certified Anti-Money Laundering Specialist (CAMS)** credential and the Certified Fraud Examiner (CFE) exam. Economics, Information Technology, and Criminal Justice majors are particularly encouraged to consider this certificate. The certificate will complement the new minor in Accounting in the Department of Economics and will reflect both the professional and academic experience of instructors in the Department of Criminal Justice, Social and Political Science.

Effective Term: Fall 2016

- C. Economics (no items)
- D. Gender Studies (no items)
- E. History (no items)

F. Languages, Literature, & Philosophy

Items 1-4 from the Department of Languages, Literature, & Philosophy were discussed and the undergraduate portions approved by the committee. They are being submitted to the Graduate Curriculum Committee and therefore are marked "For Information Only" for the report to the Senate.

1. Delete the following course:

~~[ENGL 5620U/G DRAMA IN THEORY AND PRACTICE 3-0-3](#)~~

Rationale: Much of the content covered by ENGL 5620 is included in ENGL 3300. Insufficient faculty and student interest in ENGL 5620.

Effective Term: Fall 2016

2. Delete the following course:

~~[ENGL 5815U/G LITERARY THEORY 3-0-3](#)~~

Rationale: Some of the content covered by ENGL 5815 is covered in ENGL 3010. Insufficient student interest in the class.

Effective Term: Fall 2016

3. Delete the following course:

~~[ENGL 5435U/G TOPICS IN DRAMA 3-0-3](#)~~

Rationale: Much of the content covered by ENGL 5435 is covered in ENGL 3300.

Effective Term: Fall 2016

- 4. Delete the following course:**
[ENGL 5415U/G THE NOVEL 3-0-3](#)

Rationale: The survey of material is better suited to the 3000 level. By making this set of courses 3000 level, the department can attract non-majors and those pursuing minors to these courses.

Effective Term: Fall 2016

Item 5 from the Department of Languages, Literature, & Philosophy was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

- 5. Create the following course:**
ENGL 3200 THE NOVEL **3-0-3**

Prerequisite: ENGL 2100 or permission of department head

An exploration of the origins and development of the novel as a distinct literary form, examining the aesthetic, philosophical, and social concerns that inform selected works from the eighteenth, nineteenth, and twentieth centuries. The course may focus primarily on the American or the British novel, or it may integrate the two through a specific thematic focus.

Rationale: The survey of material is better suited to the 3000 level. By making this set of courses 3000 level, the department can attract non-majors and those pursuing minors to these courses.

Effective Term: Fall 2016

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

Course Equivalent: ENGL 5415U

Item 6 from the Department of Languages, Literature, & Philosophy 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.

- 6. Delete the following course:**
[ENGL 5425U/G AMERICAN/BRITISH POETRY 3-0-3](#)

Rationale: The survey of material is better suited to the 3000 level. By making this set of courses 3000 level, the department can attract non-majors and those pursuing minors to these courses.

Effective Term: Fall 2016

Items 7-20 from the Department of Languages, Literature, & Philosophy were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

7. Create the following course:

ENGL 3400 AMERICAN/BRITISH POETRY

3-0-3

Prerequisite: ENGL 2100 or permission of department head

American and/or British poetry in the context of technological developments, philosophical movements, and literary currents. Exploration of forms and themes with emphasis on prosody and interpretation.

Rationale: The survey of material is better suited to the 3000 level. By making this set of courses 3000 level, the department can attract non-majors and those pursuing minors to these courses.

Effective Term: Fall 2016

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

Course Equivalent: ENGL 5424U

8. Create the following minor:

Professional Writing

15-18 hours.

Courses selected from ENGL3700, 3710, 3720, 3800, 5700U, 5710U, 5730U, 5740U, 5750U.

Rationale: This minor now reflects the current four-track structure of the Professional Communication track of the English B.A. Its addition combines with the existing Film minor, the Creative Writing minor, and the requested addition of a Journalism minor to accurately reflect the current structure of the Professional Communications track of the English B.A.

Effective Term: Fall 2016

9. Create the following minor:**Creative Writing****15 hours**

Courses selected from: ENGL3710, 3730, 4740, 4750, 4760, 5760U, 5770U, 5780U.

Rationale: This minor now reflects the current four-track structure of the Professional Communications track of the English B.A. Its addition combines with the existing Film minor, the changed Professional Writing minor, and the requested addition of a Journalism minor to accurately reflect the current structure of the Professional Communications track of the English B.A.

Effective Term: Fall 2016**10. Create the following minor:****Journalism****15 hours**

Two or three courses from ENGL3700, 3710, 3720, 5700U, 5750U.

Two or three courses from JOUR3200, 3430, 3450, 3460, 4000, 4100.

Rationale: This minor now reflects the current four-track structure of the Professional Communication track of the English B.A. Its addition combines with the existing Film minor, the changed Professional Writing minor, and the requested addition of a Creative Writing minor to accurately reflect the current structure of the Professional Communications track of the English B.A.

Effective Term: Fall 2016**11. Delete the following minor:**~~Writing.....15 hours~~

Rationale: This minor does not match the current four-track structure of the Professional Communications track of the English B.A. It is too broad and does not provide students with the opportunity to focus in specific areas for their minor.

Effective Term: Fall 2016**12. Delete the following minor:**~~Communication.....15-18 hours~~

Rationale: This minor does not match the current four-track structure of the Professional Communications track of the English B.A. It is too broad and does not provide students with the opportunity to focus in specific areas for their minor.

Effective Term: Fall 2016**13. Modify the following course:**~~JOUR 3450 EDITING AND MARKUP CONTEMPORARY EDITING 3-0-3~~

Rationale: The term "markup" was traditionally used in copy editing, but the term generally implies marking a text with pen and then returning it to a writer or passing it along to another editor. In the digital age, most of this editing is happening on a computer screen. Also, the term "markup" can today refer to "markup computer languages" -- e.g., HTML coding. So the word "markup" seems both out-of-date and confusing at this point. The course name "Contemporary Editing" suggests that we are keeping up with current technology, trends, professional demands, etc.

Effective Term: Fall 2016

14. Modify the following course:

FREN 2010 INTERMEDIATE CONVERSATION

3-0-3

Prerequisite: FREN 2002 or Permission of Instructor

Rationale: These prerequisites need to be changed to align with what was approved by the Board of Regents, as far as eMajor in French is concerned. Changes will take effect immediately because our catalog information needs to match that of the Board of Regents and that of the other eMajor affiliated institutions.

Effective Date: Fall 2015

15. Modify the following course:

FREN 3001 FRENCH CONVERSATION

3-0-3

Prerequisite: FREN ~~2001~~2002 or Permission of Instructor

Rationale: These prerequisites need to be changed to align with what was approved by the Board of Regents, as far as eMajor in French is concerned. Changes will take effect immediately because our catalog information needs to match that of the Board of Regents and that of the other eMajor affiliated institutions.

Effective Date: Fall 2015

16. Modify the following course:

FREN 3100 FRENCH CIVILIZATION I

3-0-3

Prerequisite: ~~FREN 3010 and FREN 3020~~FREN 2002 or Permission of Instructor

Rationale: These prerequisites need to be changed to align with what was approved by the Board of Regents, as far as eMajor in French is concerned. Changes will take effect immediately because our catalog information needs to match that of the Board of Regents and that of the other eMajor affiliated institutions.

Effective Date: Fall 2015

17. Modify the following course:

FREN 4800 SPECIAL TOPICS

3-0-3

Prerequisite: ~~NONE~~ FREN 2002 or Permission of Instructor

Rationale: These prerequisites need to be changed to align with what was approved by the Board of Regents, as far as eMajor in French is concerned. Changes will take effect immediately because our catalog information needs to match that of the Board of Regents and that of the other eMajor affiliated institutions.

Effective Date: Fall 2015

18. Modify the following course:

FREN 4950 DIRECTED STUDY

1-0-1

Prerequisite: ~~FREN 3201~~ **FREN 2002 or Permission of Instructor**

Rationale: These prerequisites need to be changed to align with what was approved by the Board of Regents, as far as eMajor in French is concerned. Changes will take effect immediately because our catalog information needs to match that of the Board of Regents and that of the other eMajor affiliated institutions.

Effective Date: Fall 2015

19. Delete the following course:

~~FREN 4010 SPECIAL GENRE~~

~~3-0-3~~

Rationale: These courses have been replaced by courses with different numbers to follow the alignment with the other eMajor institutions.

Effective Date: Fall 2016

20. Delete the following course:

~~FREN 4020 SPECIAL AUTHOR~~

~~3-0-3~~

Rationale: These courses have been replaced by courses with different numbers to follow the alignment with the other eMajor institutions.

Effective Date: Fall 2016

Item 21 from the Department of Languages, Literature, & Philosophy 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.

21. Delete the following course:

~~FREN 5030U/G SPECIAL TOPICS IN FRANCOPHONE LITERATURE 3-0-3~~

Rationale: These courses have been replaced by courses with different numbers to follow the alignment with the other eMajor institutions.

Effective Date: Fall 2016

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

IV. College of Science and Technology

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

1. College wide change to exit exam language:

The College of Science and Technology is going to eliminate the MAPP exam as an exit exam requirement for all majors and programs in the college that are currently listed in Banner as requiring this exam. We are asking for a blanket change to remove this exam in our Banner system from the designated programs. These programs have other exit exams/assessment measures. Please submit a blanket change anywhere “university exit exam” is used and replace it with “exit exam”.

Effective Term: Fall 2016

A. Biology

Items 1-3 from the Department of Biology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Create the following course:

BIOL 3040 Herpetology

3-3-4

Prerequisite: BIOL 1108 (minimum grade of C) or BIOL 1108H (minimum grade of C)

The evolution, anatomy and natural history of amphibians and reptiles with special emphasis on the herpetofauna of Southeast Georgia. Laboratory exercises will include field surveys of local habitats.

Rationale: Biology students are introduced to the evolution and natural history of amphibians and reptiles in various courses including, BIOL 1108, 3020, 3750, 4210, 4470 and 4550. However, many students take only a subset of these courses and do not have the opportunity to take a stand-alone class in herpetology similar to those offered for Entomology (BIOL 3300), Sea Turtle Biology (BIOL 4470) and Ichthyology (BIOL 4600). Many of our students are naturalists by heart who hope to find field-related positions with the Department of Natural Resources or other private agencies.

Georgia is home to over 160 species of amphibians and reptiles that thrive in aquatic and terrestrial habitats throughout the state. A course in herpetology would help our students better appreciate this rich biodiversity and potentially help prepare them for

future field-related careers. The laboratory exercises and field trips will complement lecture and help students learn to identify local species. This class has been offered as a 3 hour Special Topics (BIOL 4970) in Fall 2004 and 2013 and exceeded capacity in both semesters. As a new course with a separate lab, there are obvious concerns regarding limitations in physical space and potential scheduling conflicts with other laboratory-based electives. The lab for this course will be held in SC 1303 and will not conflict with the Marine Organism lab (BIOL 4550) also scheduled for the Fall semester. If conflicts do arise Shamu will fall as only turtles can truly be ninjas.

Effective Date: Fall 2016

CURCAT

Major Department: Biology

Can course be repeated for additional credit? No

Maximum Number of Credit Hours: 4

Grading Mode: Normal

Instruction Type: Lecture/Lab

Create a 0-credit lab? Yes

Course Equivalent: None

2. Create the following course:

BIOL 4120 Reproductive Biology

3-0-3

Prerequisite: BIOL 3000 (minimum grade of C)

Topics include the origin and maintenance of sexual reproduction, sexual selection among vertebrates, male and female reproductive anatomy and physiology and a survey of animal breeding systems across taxa.

Rationale: This course offers Biology students an upper-level elective that introduces content that is not comprehensively covered in other classes. Currently, students learn about reproductive ecology across animal taxa in courses ranging from BIOL 1108, 3050, 3300, 3750, 4240, 4550 and 4600. They may also be introduced to the topics of reproductive physiology, endocrinology and development in other courses such as BIOL 3950, 4210, 4220 and for some in BIOL 2081 and 2082. This proposed course is designed to complement and expand upon material that students may have previously been introduced to and will cover many topics in detail that are likely not explored within the current curriculum. This course will also serve as a “Physiology” elective and will help students progress toward graduation.

The course will be loosely organized into three units. The first will focus on the evolutionary origins and maintenance of sexual reproduction and the inherent asymmetry of gametogenesis. Because males and females produce gametes of unequal size and “value”, this places different selective pressures on each sex. This generates the conditions that lead to sexual selection. The second unit focuses on the interaction between hypothalamic neurons and the anterior pituitary gland and the hormonal control of cell lines within the testes and ovaries that guide reproduction.

The focus primarily centers on humans as a model organism and walks through the anatomy and physiology and hormonal cycles for both males and females. In the final unit, students are introduced to the wide diversity of animal breeding strategies across vertebrate taxa ranging from amphibians to mammals. Throughout the semester students will review and discuss current literature across topics that complement lecture content.

This class has been offered as a Special Topics (BIOL 4970) elective in three past semesters (Fall 2010, Spring 2012, Spring 2015) and has always met or exceeded capacity. Students were asked to complete a brief in-class evaluation in Spring 2015 and those questions and their responses are presented below.

Effective Date: Fall 2016

CURCAT

Major Department: Biology

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 FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGY

Track I: General Biology

B. Major Field Courses 31-38 hours

Required Courses (14 hours)

BIOL 2020 Plant Biology

BIOL 3000 Cell Biology

BIOL 3050 General Ecology

BIOL 3700 Genetics

Elective Courses (17-24 hours)

Choose one of the following:

BIOL 4120 Reproductive Biology

BIOL 4150 Plant Physiology

BIOL 4200 Mammalian Physiology

BIOL 4210 Comparative Physiology

Choose one of the following:

BIOL 3250 Limnology

BIOL 3470 Environmental Restoration

BIOL 3600 Salt Marsh Ecology

BIOL 4240 Behavioral Ecology

BIOL 4320 Environmental Microbiology

BIOL 4460 Phytoplankton Ecology

BIOL 4750 Tropical Field Biology

Choose two of the following:

BIOL 3030 Evolution

BIOL 3520 Medical Microbiology

BIOL 4000 Cancer Biology

BIOL 4100 Cell and Molecular Biology Laboratory

BIOL 4220 Endocrinology

BIOL 4230 Neurophysiology and Disease

BIOL 4310 Applied Microbiology

BIOL 4400 Virology

BIOL 4500 Bioinformatics and Biotechnology

BIOL 4510 Molecular Development

BIOL 4520 Epigenetics

BIOL 4650 Immunology

Choose two of the following:

BIOL 3020 Vertebrate Zoology

BIOL 3040 Herpetology

BIOL 3150 Horticulture

BIOL 3200 Plant Taxonomy

BIOL 3300 Entomology

BIOL 3310 Invertebrate Zoology

BIOL 3750 Natural History of Vertebrate Animals

BIOL 3770 Comparative Vertebrate Anatomy

BIOL 3800 Mycology

BIOL 3920 Parasitology

BIOL 3950 Human Embryology

BIOL 4470 Sea Turtle Biology

BIOL 4550 Biology of Marine Organisms

BIOL 4600 Ichthyology

Track II: Marine Biology

B. Major Field Courses 31-34 hours

Required Courses (18 hours)

BIOL 2020 Plant Biology

BIOL 3000 Cell Biology

BIOL 3050 General Ecology

BIOL 3700 Genetics

BIOL 4550 Biology of Marine Organisms

Elective Courses (13-16 hours)

Choose one of the following:

BIOL 4120 Reproductive Biology

BIOL 4150 Plant Physiology

BIOL 4200 Mammalian Physiology

BIOL 4210 Comparative Physiology

Choose one of the following:

BIOL 3020 Vertebrate Zoology

BIOL 3310 Invertebrate Zoology
 BIOL 3750 Natural History of Vertebrate Animals
 BIOL 3770 Comparative Vertebrate Anatomy

Choose two of the following:

BIOL 3030 Evolution
BIOL 3040 Herpetology
 BIOL 3200 Plant Taxonomy
 BIOL 3250 Limnology
 BIOL 4240 Behavioral Ecology
 BIOL 4320 Environmental Microbiology
 BIOL 4460 Phytoplankton Ecology
 BIOL 4470 Sea Turtle Biology
 BIOL 4600 Ichthyology
 BIOL 4750 Tropical Field Biology

Track III: Cell and Molecular Biology

B. Major Field Courses 25-28 hours

Required Courses (12 hours)

BIOL 3000 Cell Biology
 BIOL 3700 Genetics
 BIOL 4100 Cell and Molecular Biology Laboratory
 BIOL 4500 Bioinformatics and Biotechnology

Elective Courses (13-16 hours)

Choose one of the following:

BIOL 4120 Reproductive Biology
 BIOL 4150 Plant Physiology
 BIOL 4200 Mammalian Physiology
 BIOL 4210 Comparative Physiology

Choose one of the following:

BIOL 3020 Vertebrate Zoology
 BIOL 3030 Evolution
 BIOL 3300 Entomology
 BIOL 3310 Invertebrate Zoology
 BIOL 3750 Natural History of Vertebrate Animals
 BIOL 3770 Comparative Vertebrate Anatomy
 BIOL 3800 Mycology
 BIOL 3920 Parasitology

Choose two of the following:

BIOL 3520 Medical Microbiology
 BIOL 3950 Human Embryology
 BIOL 4000 Cancer Biology
 BIOL 4220 Endocrinology
 BIOL 4230 Neurophysiology and Disease
 BIOL 4310 Applied Microbiology
 BIOL 4320 Environmental Microbiology
 BIOL 4400 Virology

BIOL 4510 Molecular Development
 BIOL 4520 Epigenetics
 BIOL 4650 Immunology

Effective Date: Fall 2016

B. Chemistry and Physics

1. Honors in Biochemistry Proposal – **For information only:**

Honors in Biochemistry. A student may graduate with Honors in Biochemistry by completing three credit hours in BCHM 4991 approved by the department's honors committee, maintaining an overall grade point average of 3.2 in all biology, biochemistry and chemistry courses applying to the major, and completing all requirements of the Honors program.

Rationale: When creating the B.S. in biochemistry program, the option of graduating with honors from the program was not proposed. The biochemistry committee and faculty of the department of chemistry and physics have approved the description above. This description has been sent to the Honors Committee as an informational item and will be placed in the fall 2016 catalog. According to the Provost's office and the Director of the Honor's Program this is an informational item only for the CST Curriculum Committee.

Effective Term: Immediate – placed in catalog, Fall 2016.

Item 2 from the Department of Chemistry and Physics was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

2. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOCHEMISTRY

B. Major Field Courses

36 hours

BCHM 3301 Bioanalytical Chemistry

BCHM 3403 Biophysical Chemistry

BCHM 3811 Introduction to Biochemical Techniques

Choose one of the following classes:

BCHM 3812 Advanced Biochemistry Laboratory

BCHM 3900 Biochemical Research (1 credit hour)

BCHM 4991 Advanced Biochemical Research (1 credit hour)

~~CHEM 3900 Chemical Research (Biochemistry approved, 1 credit hour)~~

BCHM 4811 Bioinstrumental Laboratory

CHEM 2101/2101L Organic Chemistry I with Laboratory

CHEM 2102/2102L Organic Chemistry II with Laboratory

CHEM 2300 Principles of Chemical Analysis

CHEM 3801 Biochemistry I

CHEM 3802 Biochemistry II

CHEM 4500 Chemistry Seminar or BCHM 4501 Biochemistry Seminar

7 hours of approved upper division chemistry or biochemistry courses. No more than 3 hours total can be from ~~CHEM 3900, CHEM 4991~~, BCHM 3900 and BCHM 4991.

Rationale: When the biochemistry program of study was created, there were no undergraduate research courses for biochemistry majors to take labelled “BCHM”, so the corresponding CHEM undergraduate research courses were placed in the program of study. In academic year 2014-2015, BCHM 2900 (Introduction to Biochemical Research), BCHM 3900 (Biochemical Research) and BCHM 4991 (Advanced Biochemical Research) were added to the undergraduate catalog and the program of study (BCHM 2900 is used as a free elective). Since biochemistry now has its own research courses, the faculty have determined that it is appropriate to remove the CHEM 3900 and CHEM 4991 research courses from the program of study so undergraduate research is treated in a similar manner within the department programs (biochemistry, chemistry and applied physics).

Effective Date: Fall 2016

C. Computer Science and Information Technology

Items 1-4 from the Department of Computer Science and Information Technology were discussed. Items 1, 2, and 4 were approved by the committee and are being submitted to the Faculty Senate for approval. Item 3 was remanded for further refinement.

1. Create the following course:

ITEC 2010 INTRODUCTION TO CYBER SECURITY

3-0-3

Prerequisite: CSCI 1150

This course teaches the fundamental concepts and principles of cyber security techniques. Basic knowledge of computer security, network security, cyber stalking, social networks, fraud and abuse, web security, malware, computer viruses, encryption, security policies, techniques used by hackers and how to combat them. Emphasis is on personal cyber and information security.

Rationale: Our current curriculum (ITEC 3700, ITEC 4200, and ITEC 4300) emphasizes the need to protect a business and organization from cyber security threats. These courses do not delve deeply into how to protect individuals from cyber threats. The proliferation of computer security breaches and how they affect an individual’s personal security and identity has created a need to educate students in how to protect themselves from computer and identity fraud, theft, and malware, which is what this course will do.

Effective Date: Fall 2016

CURCAT**Major Department:** Computer Science and Information Technology**Can course be repeated for additional credit?** No**Maximum Number of Credit Hours:** 3**Grading Mode:** Normal**Instruction Type:** Lecture**Course Equivalent:** None**2. Modify the following course:****ITEC 4300 CYBER SECURITY III, ETHICAL HACKING****3-0-3**Prerequisites: ~~ITEC 4200~~-ITEC 3700

Rationale: This course teaches Ethical Hacking (primarily penetration testing) and Incident Response. It is required for the Interdisciplinary Minor in Cyber Security, the Undergraduate Certificate in Cyber Security, the Associate of Science, Cyber Security Track, and the proposed Cyber Security Track in the Bachelor of Information Technology. The current prerequisite path is ITEC 3700, Cyber Security I, Fundamentals of Information Security, taught in the Fall; ITEC 4200, Cyber Security II, Network Security, taught in the Spring; and then ITEC 4300, Cyber Security III, Ethical Hacking and Incident Response, taught in the Fall. This could make it difficult for a student to earn the Minor, as a student might have to enroll in one more term beyond graduation to take ITEC 4300. However, from a curriculum point-of-view, the basic technical knowledge required for ITEC 4300, such as basic cryptography and network security, are taught in ITEC 3700. Therefore, there is no need for ITEC 4200 to be the prerequisite for ITEC 4300.

Effective Date: Fall 2016**3. Item 3, modifications to Track 1 of the Bachelor of Information Technology, was remanded for further refinement.****4. Add the following track to the program of study:****DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY****Track 2: Cyber Security****A. General Requirements****Core Areas A, B, C, D,I, E****42 hours****Area F****18 hours**

CSCI 1150 Fundamentals of the Internet and World Wide Web

CSCI 1301 Introduction to Programming Principles

CSCI 1302 Advanced Programming Principles

ITEC 1310 Programming for Information Technology

ITEC 2000 Introduction to App Development

And one of the following:

MATH 1161 Calculus I

MATH 1950 Applied Math for Non-Science Majors

MATH 2200 Elementary Statistics

CSCI 2625 Discrete Structures in Computer Science

Physical Education

3 hours

First-Year Seminar

1 hour

B. Major Field Courses

45 hours

CSCI 2070 Introduction to Computer Ethics and Cyber Security

CSCI 3301 UNIX and Secure Web Development

ITEC 2530 Operating Systems

ITEC 3500 Database Administration

ITEC 3600 Systems Analysis and Design

ITEC 3710 E-commerce

ITEC 3800 Data Communications and Networks

ITEC 4391 Senior Capstone Project I

ITEC 4392 Senior Capstone Project II

ITEC 4770 Client/Server Systems

ITEC 4800 Network Design and Administration

ITEC 4830 Graphics Design

ITEC 3700 Cyber Security I

ITEC 4200 Cyber Security II – Network Security

ITEC 4300 Cyber Security III – Ethical Hacking and Incident Response

C. Related Field Courses

9-15 hours

ACCT 2101 and 2102 Principles of Accounting I and II or ECON 2105 and 2106

Principles of Macroeconomics and Principles of Microeconomics

ENGL 3720 Business and Technical Communication

MATH 1111 College Algebra (if not taken in core area A)

MATH 1113 Pre-Calculus Mathematics (if not taken in core area A or D)

D. Electives

0-6 hours

If taken, one hour excess for MATH 1161 from Core Area F will count as a free elective.

Total Semester Hours 124 hours

E. Exit Exam

Rationale: The change is to add a track in Cyber Security to the degree.

Consequently, there will also be a Cyber Security and an IT Track in the curriculum.

Effective Date: Fall 2016

D. Engineering Studies (no items)

E. Mathematics (no items)

F. Psychology

Items 1-3 from the Department of Psychology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Modify the following course:

PSYC 1101 INTRODUCTION TO PSYCHOLOGY 3-0-3

~~Prerequisite: eligibility for ENGL 1101~~

Introduction to the vocabulary, concepts, and methods of the science of behavior and mental processes, surveying all areas of psychology.

Rationale: Faculty voted to delete the prerequisite of eligibility for ENGL 1101 because Armstrong will no longer be using that status with incoming students.

Effective Term: Fall 2016

2. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN PSYCHOLOGY

B. Major Field Courses.....32 hours

I. All courses in this section

PSYC 3090 Physiological Psychology

PSYC 4050 Advanced Research Design and Analysis (3 hours)

PSYC 4051 Advanced Research Design and Analysis Lab (1 hour)

PSYC 4090 Learning and Behavior (3 hours)

PSYC 4091 Learning and Behavior Laboratory (1 hour)

PSYC 4100 History and Systems of Psychology

II. Two courses selected from categories A-C, with no more than one course from a category:

Category A:

PSYC 3070 Sensation and Perception or PSYC 3500 Cognitive Psychology

Category B:

PSYC 3080 Evolutionary Psychology or PSYC 3190 Comparative Psychology

Category C:

PSYC 5060U Basic Behavior Principles and Behavior Change or PSYC 3800 Health Psychology

Rationale: Faculty voted to include PSYC 3800 in this section of the program of study to increase the variety of offered courses.

Effective Term: Fall 2016

**3. Modify the following program of study:
PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN
PSYCHOLOGY**

B. Major Field Courses30 hours

I. All courses in this section:

PSYC 3000 Human Resource Dev Skills

PSYC 4050 Advanced Research Design and Analysis

PSYC 4100 History and Systems of Psychology

PSYC 4130 Senior Internship

One course selected from:

PSYC 3200 Industrial and Organizational Psychology

PSYC 5060U Basic Behavior Principles and Behavior Change

II. One course selected from:

PSYC 3070 Sensation and Perception

PSYC 3080 Evolutionary Psychology

PSYC 3090 Physiological Psychology

PSYC 3190 Comparative Psychology

PSYC 3500 Cognitive Psychology

PSYC 3800 Health Psychology

Rationale: Faculty voted to include PSYC 3800 in this section of the program of study to increase the variety of offered courses.

Effective Term: Fall 2016

OTHER BUSINESS

A. Dual Degrees, Second Degrees, and Dual Majors

Dr. Donna Brooks suggested that the UCC consider forming a subcommittee to look at the catalog wording for dual degrees. The catalog states that students must earn an additional 30 credit hours in order to get the second degree. This is an Armstrong policy, not a Board of Regents policy. There is no record of how the policy came about. It first appeared in the 2009-2010 catalog. Currently the Mathematics Department and the Department of Secondary, Adolescent, and Adult Education are considering a dual degree for Mathematics Education, so some consideration may be in order.

There was discussion. One talking point was that perhaps it is not unreasonable to take another two semesters of course work to earn a second degree. The B.A. and B.S. in Psychology and in Chemistry were cited as examples where it may be desirable.

Julie Swanstrom, Jared Schlieper, and Kathryn Craven volunteered to be on the subcommittee. Their charge is to evaluate the wording for dual degrees, dual majors, and second baccalaureate degrees.

B. Honors Courses and Listing in the Catalog

Suzy Carpenter brought to the attention of the committee that there are honors sections of core classes being taught that do not appear in the back of the catalog and do not appear on the listing on page 77. She expressed the desirability of either having all of them or none of them, for the sake of consistency.

Ms. Fulton reported that she had heard it often said in UCC meetings that if a course was already approved by the UCC, approval of an honors section of the course was not required. This would explain the discrepancy.

It was suggested that the directors of the honors program be invited to the February meeting to talk about how they would like to see it done.

ADJOURNMENT. The meeting was adjourned at 4:56 p.m.

Respectfully submitted,

Phyllis L. Fulton
Catalog Editor and Secretary to the Committee