

# Armstrong

UNIVERSITY CURRICULUM COMMITTEE  
University Hall 282  
Minutes, December 7, 2016

**PRESENT:** Kelly Brooksher, Myka Bussey-Campbell, Kathryn Craven, Jose da Cruz (vice chair), Katrina Embrey, Todd Hizer, Kam Lau, Rick McGrath (chair), Jared Schlieper, Pamela Sears, Julie Swanstrom, Phyllis Fulton (Catalog Editor)

**ABSENT:** Kathleen Fabrikant, Andi Beth Mincer

**GUESTS:** Tom Cato, Becky da Cruz, John Hobe, John Kraft, Steve Primatic, Barb Serianni, Heather Thornton

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

**APPROVAL OF MINUTES.** The minutes of November 2, 2016, were approved as presented.

## ITEMS

### I. College of Education

#### A. Childhood and Exceptional Student Education

*Items 1-2 regarding the Child and Family Studies Program were removed at the request of the department for further consideration at the January meeting.*

*Items 3-8 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.*

#### **Bachelor of Science in Education in Early Childhood Education**

##### **3. Modify the following course:**

**ECUG 3071 Teaching Children's Literacy Literature** 3-V-3

Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education, and EDUC 3200 OR ECUG 3250, AND ECUG 3040 AND ECUG 3060

Co-Requisite: ECUG 3072

Rationale: Add alternate prerequisite.

**Effective Term: Fall 2017**

**4. Modify the following course:**

**ECUG 3072 TEACHING OF READING**

**3-V-3**

Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education , and EDUC 3200 **OR ECUG 3250, AND** ECUG 3040 **AND** ECUG 3060

Co-Requisite: ECUG 3071

Rationale: Add alternate prerequisite.

**Effective Term: Fall 2017**

**5. Modify the following course:**

**ECUG 3750 INTERNSHIP I—PRE-STUDENT TEACHING**

**0-V-3**

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

Co-Requisite: ECUG 4300 **AND ECUG 4085**

Rationale: Add additional co-requisite.

**Effective Term: Fall 2017**

**6. Modify the following course:**

**ECUG 4085 TEACHING OF MATHEMATICS**

**3-V-3**

Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and EDUC 3200 **OR ECUG 3250, AND** ECUG 3040 **AND** ECUG 3060.

~~Co-requisite: ECUG-3750~~

Rationale: Eliminate co-requisite notation to allow other program majors to enroll in course.

**Effective Term: Fall 2017**

**7. Modify the following course:**

**ECUG 4090 CLASSROOM MANAGEMENT**

**3-V-3**

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

Rationale: This classroom management course is needed earlier in the program of study.

**Effective Term: Fall 2017**

**8. Modify the following program of study:**

**Bachelor of Science in Education with a Major in Early Childhood Education**

**Track 1: Early Childhood Education with Teacher Certification**

**B. Major Field Courses**

**50 hours**

ECUG 3040 Childhood Development from Prenatal Period to Adolescence

ECUG 3060 Language Arts: Oral Language, Writing, Spelling And Grammar

ECUG 3071 Teaching Children's ~~Literacy~~Literature

ECUG 3072 Teaching of Reading

ECUG 3250 Curriculum and Assessment

ECUG 3750 Internship I Pre-Student Teaching

ECUG 4070 Teaching of Social Studies

ECUG 4080 Teaching of Science

ECUG 4085 Teaching of Mathematics

ECUG 4090 Classroom Management

ECUG 4300 Language Arts Assessment and Modification

ECUG 4750 Internship II Student Teaching

EDUC 3100 Technology Applications for Teachers

EDUC 3300 Educating Students with Disabilities in the General Education  
Classroom

Rationale: To reflect change in course name

**Effective Term: Fall 2017**

*Items 9-16 regarding the Bachelor of Science in Education in Special Education were postponed at the request of the department.*

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

II. College of Health Professions (no items)

**III. College of Liberal Arts**

**A. Art, Music, and Theatre**

**Art**

*Items 1-25 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 2012 PAINTING II~~ 1-4-3

Rationale: This course is no longer being required in our Major Field concentration for all B.F.A. in Visual Art, B.A. in Art, and B.S. in Art Education majors and is no longer needed. ARTS 2110 Introduction to Graphic Design is replacing it as a Major Field Course that all BFA students will be required to take. A new 3000 level painting course (ARTS 3020) is being created and will be placed in our new Drawing and Painting track for the BFA in Visual Art and will be placed in the Major Field concentration for the B.A. in Art and B.S. in Art Education degrees.

**Effective Term: Fall 2017**

**2. Delete the following course:**

~~ARTS 3150 COLOR PHOTOGRAPHY~~ 1-4-3

Rationale: This course is no longer being taught in our curriculum. The chemicals and equipment have become scarce and issues about color are now being covered in the digital photography courses.

**Effective Term: Fall 2017**

**3. Delete the following course:**

~~ARTS 3170 EXPERIMENTATION IN PHOTOGRAPHY~~ 1-4-3

Rationale: The content of this course is being rolled into ARTS 3160 in our curriculum.

**Effective Term: Fall 2017**

**4. Delete the following course:**

~~ARTS 3350 GLAZE EXPERIMENTATION~~ 1-4-3

Rationale: This course is no longer being taught in our curriculum.

**5. Modify the following course:**

**ARTS 1100 ART APPRECIATION** 3-0-3

~~Artistic theories, styles, media, and techniques as they relate to the visual arts. Not recommended for art majors.~~ Introduction to materials and techniques, art history, aesthetic and color theory, and methods of criticism related to the visual arts.

Rationale: Description is more appropriate for the content of the course.

**Effective Term: Fall 2017**

6. **Modify the following course:**  
**ARTS 2011 INTRODUCTION TO PAINTING-I** **1-4-3**

Rationale: Title is more appropriate for the level of content of the course.

**Effective Term: Fall 2017**

7. **Modify the following course:**  
**ARTS 2040 INTRODUCTION TO DARKROOM PHOTOGRAPHY** **1-4-3**

Rationale: The change in the title is to better differentiate it from digital photographic processes.

**Effective Term: Fall 2017**

8. **Modify the following course:**  
**ARTS 2150 THE COMPUTER IN ART INTRODUCTION TO NEW MEDIA** **1-4-3**

Prerequisite: ARTS 1020 or permission of instructor or department

~~Computer as a tool for making art using its unique output characteristics to produce hardcopy on various printers and for making art using the hardcopy combined with traditional media.~~ Fundamentals of the computer as a tool for art-making utilizing its unique characteristics in various outputs utilizing 2D, 3D or 4D (time or audio-based) formats. Emphasis on image making and image manipulation using a variety of new media tools.

Rationale: The change in the title and description makes the course more appropriate to the changing digital world. The computer-based processes, tools and output have evolved since the course was created. This update will allow for the inclusion of output beyond the hardcopy (the printed version on paper of data held in a computer) to production of digital based artifacts that may include motion and audio. This is not intended to exclude computer-generated artifacts using hardcopy, but to allow for a broader, more relevant use of the computer as an art making tool.

**Effective Term: Fall 2017**

9. **Modify the following course:**  
**ARTS 2400 INTRODUCTION TO CRAFT FIBERS** **1-4-3**  
~~Basic craft processes and techniques with emphasis on fibers and metalwork.~~ An introduction to the medium of fibers, including fiber identification, dye application, construction methods, and resist techniques.

Rationale: Title and description is more appropriate for the content of the course.

**Effective Term: Fall 2017**

**10. Modify the following course:**

**ARTS 3140 INTERMEDIATE ~~DARKROOM~~ PHOTOGRAPHY 1-4-3**

Rationale: Title is more appropriate for the content of the course.

**Effective Term: Fall 2017**

**11. Modify the following course:**

**ARTS 3160 ~~HAND-COLORED AND~~ MANIPULATED SILVER PRINT 1-4-3**

Prerequisite: ARTS 2040

Exploration of media and **experimental** techniques to enhance and alter a silver print. ~~Emphasis on hand-applied color and toning.~~ **Processes include building and shooting with pinhole cameras, paper negatives, solarization, composite printing, chromokedasic sabattier, chemigrams, toning, and hand-coloring techniques.**

Rationale: Title change and descriptions updates the course and aligns the content more closely with the intent of the course. This course moves beyond traditional straight printing techniques into experimental processes that can be achieved through ordinary darkroom chemistry.

**Effective Term: Fall 2017**

**12. Modify the following course:**

**ARTS 3220 ~~CORPORATE LOGO AND IDENTITY DESIGN~~ BRANDING 1-4-3**

Rationale: Title is more appropriate for course and is in keeping with similar courses in graphic design at other campuses.

**Effective Term: Fall 2017**

**13. Modify the following course:**

**ARTS 3300 ~~INTRODUCTION TO CERAMICS-I~~ 1-4-3**

Rationale: Title is more appropriate for the level of content of the course.

**Effective Term: Fall 2017**

**14. Modify the following course:**

**ARTS 3310 POTTERY ~~WHEEL~~ TECHNIQUES 1-4-3**

Rationale: Title is more appropriate for the level of content of the course.

**Effective Term: Fall 2017**

**15. Modify the following course:****ARTS 3330 CERAMIC SCULPTURE****1-4-3**

Prerequisite: ARTS 3300 or ARTS 3310

Rationale: Either of these prerequisites will satisfy the basic skills and techniques needed to enable the student to be successful in this course.

**Effective Term: Fall 2017****16. Modify the following course:****ARTS 3400 INTRODUCTION TO PRINTMAKING I****1-4-3**

Rationale: Title is more appropriate for the content of the course.

**Effective Term: Fall 2017****17. Modify the following course:****ARTS 3630 FABRIC DESIGN****1-4-3**

~~Application of original designs to fabric with emphasis on batik, tie-dye, direct application, and combined techniques.~~ Fabric design methods and stitch techniques including batik, shibori, discharge, embellishment, and contemporary quilting.

Rationale: The course description is updated to reflect the current content of the course.

**Effective Term: Fall 2017****18. Create the following course:****ARTS 3020 INTERMEDIATE PAINTING****1-4-3**

Prerequisite: ARTS 2011

Description: This course will build on painting techniques previously taught in ARTS 2011 with an emphasis on composition and content.

Rationale: The ARTS 2012 course has been eliminated. This course will provide additional preparation in painting the students who are focusing in drawing and painting.

**Effective Term: Fall 2017****CURCAT****Major Department: Art, Music, & Theatre****Can Course be repeated for additional credit? No****Maximum Number of Credit Hours? 3****Grading Mode: Normal****Instruction Type: Lecture/Lab**

**Course Equivalent: ARTS 2012**

**19. Create the following course:**

**ARTS 3340 ADVANCED POTTERY WHEEL TECHNIQUES 1-4-3**

Prerequisite: ARTS 3300 or ARTS 3310

Description: This course will emphasize advanced techniques for working on the potter's wheel.

Rationale: This course will expand the offerings in the BFA in Visual Art degree allowing the ceramic focused student to develop more advanced techniques for working on the potter's wheel. The course has been offered as a Directed Independent Study or Special Topics course in the past sometimes linked to the ARTS 3310 class.

**Effective Term: Fall 2017**

**CURCAT**

**Major Department: Art, Music, & Theatre**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours? 3**

**Grading Mode: Normal**

**Instruction Type: Lecture/Lab**

**Course Equivalent: None**

**20. Create the following course:**

**ARTS 3610 SCREEN PRINTING 1-4-3**

An introduction to screen printing methods including hand-cut stencils and photographic processes for printing on a variety of surfaces. Emphasis is placed on concept development, repeat pattern, and contemporary approaches to designing fabrics.

Rationale: This course replaces Arts 4890, Printmaking on Fabric, which has been taught for multiple years as a special topics course. Screen-printing is the most widely used method of applying pattern to fabric and is an essential skill for the Textile Designer.

**Effective Term: Fall 2017**

**CURCAT**

**Major Department: Art, Music, & Theatre**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours? 3**

**Grading Mode: Lecture/Lab**

**Instruction Type: Lecture/Lab**

**Course Equivalent: None**

**21. Create the following course:**



**ARTS 3820 INTERMEDIATE DIGITAL PHOTOGRAPHY****1-4-3**

Prerequisite: ARTS 1020 and ARTS 3810, or permission of Instructor

Description: Digital photographic study using advanced editing techniques. Focus on in-depth exploration of digital photographic concepts, proficiency in digital print production and introduction of experimental digital printing media.

Rationale: This course will involve a deeper study of digital photography and learning editing workflow with software. The course will provide support for building a digital photography program enhancing the existing wet darkroom program, the three art and art education degree programs by enhancing upper-division course offerings. This course will address a wider range of printing capabilities by exploring different papers and printer profiles at a more advanced level than in ARTS 3810.

**Effective Term: Fall 2017****CURCAT****Major Department: Art, Music, & Theatre****Can Course be repeated for additional credit? No****Maximum Number of Credit Hours? 3****Grading Mode: Normal****Instruction Type: Lecture/Lab****Course Equivalent: None****22. Create the following course:****ARTS 3840 ADVANCED PHOTOGRAPHIC MEDIA****1-4-3**

Prerequisites: ARTS 2040 and ARTS 3810

Description: Advanced techniques in the photographic medium, either in digital, darkroom, or a combination. Approaches include mixed media and installation, with an emphasis on developing a body of work.

Rationale: This course is a way to address the needs of students who are pursuing Digital Photography within the scope of art, for which we currently have no courses beyond the introduction level. Darkroom-focused students will be able to take this course as well. The first half of the course will cover techniques that can be approached in either an analog or digital method, or both within one project. Assignments include working with digital negatives to create analog prints, working with Lazertran to make mixed media photographic objects, and experimenting with photo-based installation. The first half of the course will experiment with these processes/media, while the second half will focus on creating a body of work in whatever medium(s) the student chooses to work with, with technical assistance as needed. Students should have completed ARTS 2040 - Introduction to Darkroom Photo, and ARTS 3810 - Introduction to Digital Photo.

**Effective Term: Fall 2017**

**CURCAT**

**Major Department: Art, Music, & Theatre**  
**Can Course be repeated for additional credit? No**  
**Maximum Number of Credit Hours? 3**  
**Grading Mode: Normal**  
**Instruction Type: Lecture/Lab**  
**Course Equivalent: None**

**23. Modify the following program of study:****PROGRAM FOR THE DEGREE OF BACHELOR OF FINE ARTS WITH A MAJOR IN VISUAL ART****A. General Requirements**

**Core Areas A, B, C, D.I, and E** **42 hours**

**Core Area F 18 hours**

ARTS 1010 Drawing I  
 ARTS 1011 Drawing II  
 ARTS 1020 2D Design  
 ARTS 1030 3D Design  
 ARTS 2011 ~~Painting-I~~ Introduction to Painting  
 ARTS 2710 Art History I

**Physical Education** **3 hours**

**First-Year Seminar** **1 hour**

~~Admission to the B.F.A. program (see Admission Requirements)~~

**B. Major Field Courses** **18 hours**

~~ARTS 2012 Painting-II~~  
 ARTS 2110 Introduction to Graphic Design  
 ARTS 2040 ~~Photography~~ Introduction to Darkroom Photography  
 ARTS 2150 ~~The Computer in Art~~ Introduction to New Media  
 ARTS 2400 Introduction to ~~Crafts- Fibers~~  
 ARTS 3300 ~~Introduction to~~ Ceramics-I  
 ARTS 3400 ~~Introduction to~~ Printmaking-I

**C. Art History Courses** **9 hours**

ARTS 2720 Art History II  
 ARTS 4891 Selected Studies in Art History  
 ARTS 5750U Contemporary Art & Criticism

**D. ~~Studio Art Electives~~ Concentration Area** **27-15 hours****Track One: Studio Studies**

Select 15 credit hours from the following that were not taken in Area F course or as a Major Field Course

~~27 hours chosen from the following~~

~~ARTS 2110 Introduction to Graphic Design~~

**ARTS 3020 Intermediate Painting**  
 ARTS 3030 Oil Painting  
 ARTS 3040 Watercolor Painting  
 ARTS 3110 Advanced Graphic Design  
 ARTS 3130 Drawing III  
 ARTS 3140 Intermediate Photography  
 ARTS 3150 Color Photography  
 ARTS 3170 Experimentation in Photography  
 ARTS 3210 Typography  
 ARTS 3220 Corporate Logo and Identity Design  
 ARTS 3230 Packaging Design  
 ARTS 3240 Visual Design on the Web  
 ARTS 3310 Pottery Techniques  
 ARTS 3330 Ceramic Sculpture  
**ARTS 3340 Advanced Pottery Wheel Techniques**  
[ARTS 3350 Glaze Experimentation](#)  
**ARTS 3610 Screen Printing**  
 ARTS 3620 Jewelry/Enameling  
 ARTS 3630 Fabric Design  
 ARTS 3640 Weaving  
 ARTS 3660 Papermaking  
**ARTS 3680 Environmental Art**  
 ARTS 3700 Figure Sculpture  
 ARTS 3710 Sculpture Materials  
 ARTS 3720 Fiber Sculpture  
 ARTS 3810 Introduction to Digital Photography  
**ARTS 3820 Intermediate Digital Photography**  
**ARTS 3840 Advanced Photo Media**  
 ARTS 4140 Figure Drawing  
 ARTS 4890 Selected Studies in Art (up to 9 hrs)  
[ARTS 4900 Independent Study](#)

### **Track Two: Ceramic and Ceramic Sculpture**

Take all of the following:

ARTS 3310 Pottery Wheel Techniques  
 ARTS 3330 Ceramic Sculpture  
 ARTS 3340 Advanced Pottery Wheel Techniques  
 ARTS 3700 Figure Sculpture  
 ARTS 4890 Selected Studies in Studio Art (Ceramic or Ceramic Sculpture focused)

### **Track Three: Drawing and Painting**

Select 15 credit hours from the following:

ARTS 3020 Intermediate Painting  
 ARTS 3030 Oil Painting

ARTS 3040 Watercolor Painting  
 ARTS 3130 Drawing III  
 ARTS 4140 Figure Drawing  
 ARTS 4890 Selected Studies in Studio Art (Drawing or Painting focused)

**Track Four: Fibers**

Select 15 credit hours from the following:

ARTS 3610 Screen Printing  
 ARTS 3630 Fabric Design  
 ARTS 3640 Weaving  
 ARTS 3680 Environmental Art  
 ARTS 3720 Fiber Sculpture  
 ARTS 4890 Selected Studies in Studio Art (Fiber focused)

**Track Five: Graphic Design**

Select 15 credit hours from the following:

ARTS 3110 Advanced Graphic Design  
 ARTS 3210 Typography  
 ARTS 3220 Branding  
 ARTS 3230 Packaging Design  
 ARTS 3240 Visual Design on the Web  
 ARTS 4890 Selected Studies in Studio Art (Graphic Design focused)  
 ARTS 4910 Internship

**Track Six: Photography**

Select 15 credit hours from the following:

ARTS 3140 Intermediate Photography  
 ARTS 3160 Manipulated Silver Print  
 ARTS 3810 Introduction to Digital Photography  
 ARTS 3820 Intermediate Digital Photography  
 ARTS 3840 Advanced Photographic Media  
 ARTS 4890 Selected Studies in Studio Art (Photography focused)

**E. Studio Art Electives and Management or Marketing Course**

**12 hours**

Three credits selected from the following:

ARTS 3470 Art Management  
 MGMT 3111 Business Skills  
 MGMT 3220 Management  
 MKTG 3210 Marketing

Nine credits selected from the following:

ARTS 3000 level or higher studio art courses  
 ARTS 4900 Directed Individual Study  
 ARTS 4910 Internship

<b>D.F. Capstone Courses</b>	<b>6 hours</b>
ARTS 4700 Senior Portfolio	
ARTS 4710 Senior Seminar	
ARTS 4740 Senior Exhibition	

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**Total Semester Hours** **124 hours**

**E. Department Exit Exam**

Rationale: Revision of the program of study defines tracks within the BFA in Visual Arts and allows for inclusion of a course in Arts Management or Marketing

**Effective Term: Fall 2017**

**24. Modify the following:**

**PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN ART**

**B. Major Field Courses ..... 39 Hours**

~~ARTS 2012 Painting II~~

ARTS 2040 **Introduction to Darkroom** Photography

ARTS 2150 ~~The Computer in Art~~ **Introduction to New Media**

ARTS 2400 Introduction to ~~Craft~~ **Fibers**

ARTS 2720 Art History II

**ARTS 3020 Intermediate Painting**

~~ARTS 3130 Drawing III~~

ARTS 3300 **Introduction to Ceramics I**

ARTS 3400 **Introduction to Printmaking I**

ARTS 3700 Figure Sculpture

ARTS 4700 Senior Portfolio or ARTS 4710 Senior Seminar

ARTS 4740 Senior Exhibition

ARTS 5750U Contemporary Art & Criticism

**Nine semester hours** ~~Two Three studio courses~~ (3000 and above) from one of the following areas: ~~drawing and painting, sculpture, ceramics, crafts, or photography~~ **ceramics, drawing and painting, fibers, graphic design, photography, or sculpture.**

Rationale: Revision of the program of study reflects changes made in course titles and includes any course deletions.

**Effective Term: Fall 2017**

**25. Modify the following:**

**PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE WITH A MAJOR IN ART EDUCATION**

**B. Major Field Courses 48 hours**

ARTS 1011 Drawing II

ARTS 2011 ~~Introduction to Painting I~~

~~ARTS 2012 Painting II~~

ARTS 2040 ~~Introduction to Darkroom~~ Photography

ARTS 2150 ~~The Computer in Art~~ Introduction to New Media

ARTS 2400 Introduction to ~~Craft~~ Fibers

ARTS 2720 Art History II

~~ARTS 3020 Intermediate Painting~~

ARTS 3300 ~~Introduction to Ceramics-I~~

ARTS 3400 ~~Introduction to 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 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.~~ ceramics,

drawing and painting, fibers, graphic design, photography, or sculpture.

Rationale: Revision of the program of study reflects changes made in course titles and includes any course deletions.

**Effective Term: Fall 2017**

**Music**

*Items 1-15 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. Modify the following course:**

**MUSC 3510 SAVANNAH WINDS**

~~0-2-1~~ 0-2-(0-1)

~~Prerequisite: Audition and permission of instructor~~

~~Rehearsals and performances of standard literature for symphonic band.~~ Concert band consisting of rehearsals and performances of a wide variety of repertoire. Open to all qualified students.

Rationale: Offering a zero credit option for music ensembles would encourage the participation of students outside the music program who may not need (or can spare) the credit. Students often participate in Armstrong music ensembles without registering for the class, and a zero credit option would provide a better means of measuring student participation. Music students who have met the ensemble degree requirements would also have an option for continued participation.

Course descriptions updated for consistency.

**Effective Term: Fall 2017**

**2. Modify the following course**

**MUSC 3520 JAZZ ENSEMBLE**

~~0-2-1~~0-2-(0-1)

Prerequisite: permission of instructor ~~or department~~

~~Repertoire selected from a variety of jazz periods and styles. Public performances required.~~ Standard jazz ensemble consisting of rehearsals and performance of variety of jazz periods and styles. Open to all qualified students

Rationale: (See rationale from item 1)

**Effective Term: Fall 2017**

**3. Modify the following course:**

**MUSC 3530 ~~UNIVERSITY SINGERS~~ VOCAL CHAMBER ENSEMBLE**

~~0-2-1~~  
0-2-(0-1)

Corequisite: MUSC 3540

Repertoire selected from ~~the Renaissance to contemporary~~ vocal chamber literature. ~~including classic literature and vocal jazz. Public performances each term.~~

Membership open to all students by audition.

Rationale: (See rationale from item 1)

**Effective Term: Fall 2017**

**4. Modify the following course:**

**MUSC 3540 UNIVERSITY CHORALE**

~~0-3-1~~0-3-(0-1)

Repertoire selected from standard choral concert literature. ~~Public performances each term.~~

Rationale: (See rationale from item 1)

**Effective Term: Fall 2017**

**5. Modify the following course:**

**MUSC 3550 CHAMBER ENSEMBLE**

~~0-2-1~~0-2-(0-1)

Prerequisite: Permission of instructor or department

~~Open to all qualified students in the performance media of brass, woodwind, strings, keyboard, and percussion.~~ Various combinations of performance groups of varied instrumentation. May include public performances. Open to all qualified students

Rationale: (See rationale from item 1)

**Effective Term: Fall 2017**

**6. Modify the following course**

**MUSC 3560 WIND ENSEMBLE** ~~0-3-1~~0-3-(0-1)

Prerequisite: Audition and permission of instructor or department

~~Repertoire selection from the standard wind ensemble literature. Public performances required.~~ Advanced concert band consisting of rehearsals and performances of a wide variety of repertoire. Open to all qualified students.

Rationale: (See rationale from item 1)

**Effective Term: Fall 2017**

**7. Modify the following course:**

**MUSC 3570 JAZZ COMBO** ~~0-2-(0-1)~~0-2-1

Prerequisite: Permission of instructor or department

~~Repertoire selected from a variety of jazz periods and styles for a small group setting.~~ Small ensemble consisting of rehearsals and performances of jazz music in a variety of styles. Open to all qualified students.

Rationale: (See rationale from item 1)

**Effective Term: Fall 2017**

**8. Modify the following course**

**MUSC 3580 PERCUSSION ENSEMBLE** ~~0-2-(0-1)~~0-2-1

Prerequisite: Permission of instructor or department

~~Repertoire selected from percussion ensemble literature.~~ Percussion chamber ensemble consisting of rehearsals and performances of music written or arranged specifically for percussion instruments. Open to all qualified students.

Rationale: (See rationale from item 1)

**Effective Term: Fall 2017**

**9. Modify the following course**

**MUSC 4850 SENIOR PROJECT** ~~0-4-2~~

Prerequisite: MUSC 2810, **MUSC 4400**, and either MUSC 3120 or MUSC 3610. ~~and successful completion of piano proficiency exam~~

Corequisite: MUSC 4400



Rationale: The piano proficiency exam is being eliminated as a separate entity. It will now be a component of MUSC 2130 Keyboard Harmony III. Music Performance Majors take two semesters of MUSC 4400. They take MUSC 4450 Full Recital and MUSC 4850 Senior Project during the second semester of MUSC 4400. Students who fail to complete MUSC 4850 during that semester need to take the course again. It is not necessary to require MUSC 4400 a third time. Advising should prevent students from taking MUSC 4850 without being enrolled in a second semester of MUSC 4400.

**Effective Term: Fall 2017**

**10. Modify the following course:**

**MUSC 1230 KEYBOARD HARMONY I**

**0-2-1**

~~Prerequisite: Music major status or permission of instructor or department.~~

Co-requisites: MUSC 1200, MUSC 1210

Rationale: Deleting the “music major status” aligns this course with its co-requisites: MUSC 1200 and MUSC 1210. Since this course is also required for students pursuing a minor in music, the pre-requisite becomes a registration issue.

**Effective Term: Fall 2017**

**11. Modify the following course**

**MUSC 1000 RECITAL ATTENDANCE**

**0-1-00-2-0**

Rationale: This course officially meets only once a week. The 2 hours of lab are a holdover from an earlier version of the course that met twice weekly.

**Effective Term: Fall 2017**

**12. Modify the following course:**

**MUSC 2130 Keyboard Harmony III**

**0-2-1**

Prerequisite: MUSC 1500, MUSC 1510, and MUSC 1530; or permission of instructor or department.

Keyboard techniques that reinforce theoretical concepts covered in MUSC 2100, Chromatic Music Theory, and MUSC 2110, Aural Skills III, ~~including those skills needed to fulfill the piano proficiency exam.~~ Passing with a grade of “C” or higher indicates piano proficiency for all music degrees.

Rationale: The piano proficiency exam no longer exists as a separate entity. Language in the course description helps to satisfy accreditation requirements.

**Effective Term: Fall 2017**

**13. Modify the following course**

**MUSC 3720 MUSIC HISTORY II**

**3-0-3**

Prerequisite: MUSC 1100 and MUSC 1200 and MUSC 1210 and MUSC 1230

History of music in western civilization from classical era to present; ~~influence of world music.~~ **examination of world music from selected cultures.**

Rationale: Emphasis on the study of world music for accreditation purposes.

**Effective Term: Fall 2017**

**14. Create the following course:**

**MUSC 3590 ORCHESTRA**

**0-2-(0-1)**

Prerequisite: Permission of instructor or department

Rehearsals and performances of standard and contemporary orchestral literature.

Open to all qualified students.

Rationale: Orchestra has been offered as a “special topics” course every semester for over 10 years. It should be a designated ensemble. No new faculty or staff would need to be hired for this course.

**Effective Term: Fall 2017**

**CURCAT**

**Major Department: Art, Music, & Theatre**

**Can Course be repeated for additional credit? Yes**

**Maximum Number of Credit Hours? 8**

**Grading Mode: Normal**

**Instruction Type: Lab**

**Course Equivalent: None**

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

**PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN MUSIC**

**Track 1: Liberal Arts ~~Option~~**

**E. Major Field Exit Exam ~~General Education Exit Exam, Piano Proficiency Exam~~**

**Track II Performance/~~Composition Options~~**

**C. Performance Concentration Electives**

**28 hours**

Select one of the following ~~track~~ **performance concentration** options:

**Keyboard Performance**

MUSC 4400 (2 semesters) Applied Music

MUSC 4450 Full Recital

MUSC 4850 Senior Project

MUSC 2580 Keyboard Accompanying

MUSC 4200 Piano Literature I

MUSC 4210 Piano Literature II  
 MUSC 4250 Keyboard Pedagogy  
 12 hours of music electives

### **Vocal Performance**

MUSC 4400 (2 semesters) Applied Music  
 MUSC 4450 Full Recital  
 MUSC 4850 Senior Project  
 MUSC 2171 Lyric Diction I  
 MUSC 2172 Lyric Diction II  
 Foreign Language 1002  
 Foreign Language 2001  
 MUSC 4270 Vocal pedagogy

8 hours of music electives, with at least three hours at 3000 level or above.

### **Instrumental Performance**

MUSC 4160 Instrumental Pedagogy and Repertoire  
 MUSC 4350 Band Repertoire and Advanced Instrumental Conducting  
 MUSC 4400 (2 semesters) Applied Music  
 MUSC 4450 Full Recital  
 MUSC 4850 Senior Project

One course appropriate to major instrument selected from:

MUSC 2360 Brass Methods  
 MUSC 2370 Woodwind Methods  
 MUSC 2380 Percussion Methods  
 MUSC 2390 String Methods

8 hours of elective ensembles from the following ~~list~~:

MUSC 3550, 3510, 3520, 3530, 3540, 3570, 3580, **3590**, 4890 or other approved ensembles.

6 hours of music electives.

### **Composition**

~~MUSC 2270 Class Voice~~  
~~MUSC 2360 Brass Methods~~  
~~MUSC 2370 Woodwind Methods~~  
~~MUSC 2380 Percussion Methods~~  
~~MUSC 2390 String Methods~~  
~~MUSC 4110 (8 semester hours) Composition~~  
~~MUSC 4460 Composition Portfolio~~

~~13 hours of music electives, with at least three hours at the 3000 level or above.~~

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**Total Semester Hours**

**124 hours**

~~**DE. General Education Exit Exam, Piano Proficiency Exam, Major Field Exit Exam, Half Recital, and Full Recital (Performance Tracks only)**~~

### **Track III Composition**

**A. General Requirements Core Areas A, B, C, D.I, and E**

**42 hours**

**Core Area F 18 hours**

MUSC 1200 Foundations of Music Theory	
MUSC 1210 Aural Skills I	
MUSC 1230 Keyboard Harmony I	
MUSC 1400 (2 semesters) Applied Music	
MUSC 1500 Diatonic Music Theory	
MUSC 1510 Aural Skills II	
MUSC 1530 Keyboard Harmony II	
MUSC 2100 Chromatic Harmony	
MUSC 2110 Aural Skills III	
<b>Physical Education</b>	<b>3 hours</b>
<b>First-Year Seminar</b>	<b>1 hour</b>
<b>B. Major Field Courses</b>	<b>32 hours</b>
MUSC 1000 Recital Attendance (7 semesters)	
MUSC 2130 Keyboard Harmony III	
MUSC 2400 (2 semesters) Applied Music	
MUSC 2810 Conducting	
MUSC 3120 Form & Analysis	
MUSC 3400 Applied Music (2 semesters)	
MUSC 3450 Half Recital	
MUSC 3540 (8 semesters) University Chorale or MUSC 3560 (8 semesters) Wind Ensemble	
MUSC 3710 Music History I	
MUSC 3720 Music History II	
MUSC 3610 Orchestration & Arranging	
MUSC 4120 Counterpoint	
MUSC 5430U Technology in Music	
<b>C. Composition Concentration Electives</b>	<b>28 hours</b>
MUSC 2270 Class Voice	
MUSC 2360 Brass Methods	
MUSC 2370 Woodwind Methods	
MUSC 2380 Percussion Methods	
MUSC 2390 String Methods	
MUSC 4110 (8 semester hours) Composition	
MUSC 4460 Composition Portfolio	
13 hours of music electives, with at least three hours at the 3000 level or above.	
<hr/>	
<b>Total Semester Hours</b>	<b>124 hours</b>
<b>D Major Field Exit Exam</b>	

Rationale: Our music accreditation reviewers informed us that there needed to be a clearer distinction between the Liberal Arts and the Performance/ Composition Options in the BA in Music degree. Separating each into tracks was deemed appropriate. The degree now has three tracks: Liberal Arts, Performance, and Composition.

**Effective Term: Fall 2017**

- B. Criminal Justice, Social, and Political Science (no items)
- C. Economics (no items)
- D. Gender Studies (no items)

## **E. History**

*Item 1-7 from the Department of History was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.*

1. **Proposal for Physical Geography 1111 to be included in Area D.I.3 (see Attachment 1)**  
(Note: Creation of this course was already approved by UCC 11/2/2016)

### **GEOG 1111 INTRODUCTION TO PHYSICAL GEOGRAPHY 3-0-3**

Description: A survey of physical geography. Topics include earth-sun relationships, weather, climate and climate classification, soils, bio-geography, vegetation, and landforms with emphasis on global patterns of distribution.

**Effective Term: Fall 2017**

#### **CURCAT:**

**Major Department: HIST**

**Can course be repeated for additional credit? No**

**Maximum number of credits: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

Rationale: Geography recently created a new lower-level Introduction to Physical Geography course (GEOG 1111) because we have expanded our Geography faculty to include a person who has the expertise to teach the subject matter. The course was previously a 3000-level course, which was not appropriate for the introductory-level material. Equivalent Introductory Physical Geography courses in other parts of the University System of Georgia count as part of the Area D Core (see for example the University of Georgia and University of West Georgia). We have modeled the numbering of our new course after the University of Georgia. Physical Geography is by nature a science course that will meet the SLO for Area D. There is also a precedent for a course that fulfills Area D to reside outside the College of Science and Technology. Currently, Geology 2010 falls under the discipline of Geography, which is housed in the College of Liberal Arts. Geology fulfills part of the Area D core requirement.

#### **Area D SLO:**

Students will demonstrate a collegiate-level understanding of the method by which scientific study is conducted and students will accurately evaluate data in scientific reasoning problems.

## Physical Geography SLOs:

- Students will be able to define the basic terminology related to Earth's physical features.
- Students will be able to describe the spatial patterns of Earth's physical environment, including Earth's atmosphere, water, land, and living systems.
- Students will be able to identify and analyze the physical processes that shape specific physical features on Earth's surface.
- Students will be able to demonstrate the environmental processes through interactive classroom exercises.
- Students will be able to explain how human activities impact and interact with the natural systems.

F. Languages, Literature, & Philosophy (no items)

G. Liberal Studies (no items)

H. Honors Program (no items)

## I. Interdisciplinary Programs

*Items 1-15 from the College of Liberal Arts were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

### European Studies Program

#### 1. Modify the following course:

EURO 2000 ~~Introduction to the~~ EUROPEAN UNION 3-0-3

Prerequisite: ENGL 1101 and either HIST 1111 or HIST 1112

An interdisciplinary course (**history, culture, political science, and economics**) that ~~treats~~**focuses on** the creation and functioning of the European Union **in the context of Modern European history** and ~~their~~**its significance**~~impact~~ of the EU experiment ~~for~~**on** ~~the United States and~~ the rest of the world.

Rationale: The description reflects what is taught in the course.

**Effective Term: Fall 2017**

#### 2. Modify the following course:

EURO 4130 EU LAW AND LEGAL SYSTEMS 3-0-3

Prerequisite: **HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100**~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**3. Modify the following course:**

EURO 4160 FEDERALISM AND MULTILEVEL GOVERNANCE IN THE EU

3-0-3

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**4. Modify the following course:**

EURO 4230 DOING BUSINESS IN THE EU

3-0-3

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**5. Modify the following course:**

EURO 4260 EUROPEAN MONETARY UNION

3-0-3

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

~~A~~An examination of the history and evolution of European Economic and Monetary Union and its impact on the United States and the global economy.

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**6. Modify the following course:**

EURO 4330 EU SCIENCE AND TECHNOLOGY POLICY

3-0-3

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**7. Modify the following course:**

EURO 4430 EU ENVIRONMENTAL POLICY

3-0-3

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**8. Modify the following course:**

**EURO 4530 EUROPEAN SOCIAL POLICY**

**3-0-3**

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**9. Modify the following course:**

**EURO 4630 COMMUNICATIONS AND MEDIA**

**3-0-3**

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**10. Modify the following course:**

**EURO 4730 EU FOREIGN POLICY**

**3-0-3**

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**11. Modify the following course:**

**EURO 4760 US-EU RELATIONS**

**3-0-3**

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~

Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**12. Modify the following course:**

**EURO 4830 EU Studies Capstone Course**

**3-0-3**

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100 ~~EURO 2000~~



Rationale: better reflects what other universities in the European Union Studies Program of the University System of Georgia are doing.

**Effective Term: Fall 2017**

**13. Create the following course:**

**EURO 3234 Introduction to the European Union** **3-0-3**

Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100

Description: An introduction to the history, institutions, and policies of the European Union. The course also examines the role of the EU as a global actor, including its relations with the United States.

Rationale: EURO 3234 is an online course offered by the European Union Studies Program of the University System of Georgia. For ASU to participate in the program, common course numbers and descriptions are required in order to use the Ingress course registration system for collaborative online courses used by GoVIEW.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: College of Liberal Arts**

**Can course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: normal**

**Instruction Type: Lecture**

**14. Modify the following minor:**

**European Union Studies Minor**

**European Union Studies**

**15 hours**

EURO 2000 ~~Introduction to the European Union~~ or EURO 3234

Nine hours from a multidisciplinary menu that includes the following campus (with at least a 25% EU component) as well as online courses: BIOL 3100, ECON 3100, ECON 3200, ECON 3450, HIST 3330, HIST 3360, HIST 3390, HIST 3485, HIST 3495, HIST 3670, HIST 4831, POLS 3340, EURO 3990, EURO 4130, EURO 4160, EURO 4230, EURO 4260, EURO 4330, EURO 4430, EURO 4530, EURO 4630, EURO 4730, EURO 4760

Capstone seminar: EURO 4500 or EURO 4830

Rationale: offers a new online option for the required course

**Effective Term: Fall 2017**

**15. Modify the Certificate in European Union Studies**

Undergraduate Certificate in European Union Studies

~~18~~ 15 hours

Note: ~~students must maintain a~~ A 3.0 ~~cumulative~~ GPA in certificate courses is required. ~~upon graduation.~~

EURO 2000 or EURO 3234 ~~Introduction to the European Union~~

~~Nine hours~~~~Four courses~~ from a multidisciplinary menu that includes the following campus (with at least a 25% EU component) as well as online courses (**at least one course in two different discipline areas**): BIOL 3100, ECON 3100, ECON 3200, ECON 3450, HIST 3330, HIST 3360, HIST 3390, HIST 3485, HIST 3670, HIST 3495, HIST 4831, POLS 3340, EURO 3990, EURO 4130, EURO 4160, EURO 4230, EURO 4260, EURO 4330, EURO 4430, EURO 4530, EURO 4630, EURO 4730, EURO 4760

Capstone seminar: EURO 4500 or EURO 4830

~~Practicum experience. The required practicum experience can be fulfilled by a study abroad course or a hands-on internship. The practicum experience must be approved by the program's campus representative.~~

Areas of distinction. The certificate also highlights special achievements by providing a notation of "distinction" in ~~three~~**two** areas:

- Foreign language proficiency (6 semester hours at or above the 2000 level)
- Composition of a thesis
- **Practicum experience (a study abroad course or a hands-on-internship)**

Rationale: The changes bring the certificate in line with changes approved by the European Union Studies Program of the University System of Georgia.

**Effective Term: Fall 2017**

## IV. College of Science and Technology

### 1. **For information only:** GEOG 1111 and Area D proposal from COLA

The CCC discussed the proposal from COLA to teach GEOG 1111 in area D. The committee voted in favor of this proposal; however, there were some concerns and it was not a unanimous vote.

### 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. Modify the following course:

**BIOL 3600 SALT MARSH BARRIER ISLAND ECOLOGY**

**3-3-43-0-3**

Prerequisite: ~~BIOL 2020~~BIOL 1108/BIOL 1108L or BIOL 1108H (minimum grade of C)

Covers the abiotic and biotic ~~environment, faeto~~flora, and fauna of coastal ~~salt marshes~~barrier island habitats– with a focus on Georgia's barrier islands. Topics may ~~cover algal blooms, plant dormaney~~include geological history, coastal processes, and ecological communities of barrier island habitats. Current threats and current and

future coastal management techniques will be discussed., ~~marsh die-off, contaminant and pollution impacts, habitat loss, and marsh conservation.~~

Rationale: The change to the course title and course description will better reflect the background and expertise of current faculty. The modified course will expand the discussion of salt marshes to include additional habitats of Georgia's barrier islands and coastal ecosystems. Barrier Island Ecology was taught as a BIOL 4970 Special Topics course in Spring 2015 and received positive feedback from students. The students enrolled in the course included a mixture of General Biology, Marine Biology, and Cell and Molecular Biology track majors, as well as several Middle Grades Education majors, suggesting that this course would appeal to a variety of students with an interest in coastal ecology. The removal of the laboratory associated with the course allows for a more extensive end of semester field trip to a barrier island that includes all habitats covered in class rather than multiple field site visits with restricted time allotment to individual habitats during weekly laboratory times. A round trip to uninhabited barrier islands with large, undisturbed habitats within the region require at least 2.5 to 3 hours travel time and would not be possible in a 3 hour timeframe. Finally, reducing the prerequisite from BIOL 2020 to BIOL 1108/BIOL 1108L will better reflect the content of the course, which includes discussion of both the flora and fauna of barrier islands, while making the course available to a larger pool of students.

**Effective Term: Fall 2017**

**CURCAT**

**Major Department: Biology**

**Can course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 43**

**Grading Mode: Normal**

**Instruction Type: Lecture ~~and laboratory~~**

**Course Equivalent: None**

**2. Modify the following course:**

**BIOL 3470 MARINE POLLUTION ENVIRONMENTAL RESTORATION 3-0-3**

Prerequisite: CHEM1212/1212L (minimum grade of C) and either BIOL 1108 (minimum grade of C) or BIOL 1108H (minimum grade of C)

~~Examines the identity, sources, and consequences of the major chemical, physical, and biological pollutants that impact marine environments. Also covers current federal and Georgia environmental laws and regulations, coastal ecological concepts, and as well as the~~ techniques used for remediation of environmental degradation.

Rationale: Changes to the course title and description will better align the focus of the course with current faculty expertise. This will also increase the interdisciplinary nature of the course by retaining topics such as environmental policy, ecological principles, and restoration, while incorporating related topics in chemistry, organismal biology, and human health. Marine Pollution as described in the modification above was offered as a BIOL 4970 Special Topics course in summer 2016. It received strong positive feedback from the enrolled students, which consisted

of a mix of marine biology and general track biology majors, plus one business economics major. The student makeup of the summer course indicates that the modified version of this course will appeal to the wide range of students that are interested in marine biology and/or general environmental issues. Finally, including the requirement that students enrolling in the course obtain a minimum grade of C in CHEM 1212/1212L will ensure that all students have the necessary foundation in chemistry to discuss the composition of chemical pollutants.

**Effective Term: Fall 2017**

**3. Modify the following program of study:**

**PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE WITH A MAJOR 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 3110 Sensory Physiology
- BIOL 4120 Reproductive Biology
- BIOL 4150 Plant Physiology
- BIOL 4200 Mammalian Physiology
- BIOL 4210 Comparative Physiology

Choose one of the following:

- BIOL 3240 Invasive Species
- BIOL 3250 Limnology
- BIOL 3470 ~~Marine Pollution~~ ~~Environmental Restoration~~
- BIOL 3600 ~~Salt Marsh~~ ~~Barrier Island~~ Ecology
- BIOL 4240 Behavioral Ecology
- BIOL 4320 Environmental Microbiology
- 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 4460 Phycology  
 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 3110 Sensory Physiology  
 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 3240 Invasive Species  
 BIOL 3250 Limnology

BIOL 3470 Marine Pollution  
 BIOL 3600 Barrier Island Ecology  
 BIOL 4240 Behavioral Ecology  
 BIOL 4320 Environmental Microbiology  
 BIOL 4460 Phycology  
 BIOL 4470 Sea Turtle Biology  
 BIOL 4600 Ichthyology  
 BIOL 4750 Tropical Field Biology

**Effective Term: Fall 2017**

B. Chemistry and Physics (no items)

### C. Computer Science and Information Technology

*Items 1-6 from the Department of Computer Science and Information Technology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

**1. Modify the following course:**

**ITEC 2010 INTRODUCTION TO CYBER SECURITY**

**3-0-3**

Prerequisite: ~~CSCI 1150~~ None

Rationale: This course is intended as an introduction to Cyber Security for non-Cyber Security students. Students taking this course will not need a background in the material covered in CSCI 1150, and in order for this course to be placed in the core, it should not have a prerequisite.

**Effective Term: Fall 2017**

**2. Modify the following course:**

**CSCI 2070 INTRODUCTION TO COMPUTER ETHICS AND CYBER SECURITY**

Prerequisite: ENGL 1102 and either ~~CSCI 1302~~ CSCI 1301 or ITEC 1310

Rationale: This course is the prerequisite to the courses that comprise the core of the Associate of Science, Cyber Security Track; the Undergraduate Certificate in Cyber Security; the Interdisciplinary Minor in Cyber Security; and the new Cyber Security Track in the Bachelor of Information Technology degree. ITEC 1310 is the direct prerequisite for CSCI 2070 in the BIT degree program. CSCI 1301 is the first programming course required in the Computer Science degree. Having CSCI 1302 as the prerequisite for CSCI 2070 places an extra course in the way of Computer Science majors taking CSCI 2070. It is also an extra barrier to students not majoring in IT or Computer Science that want to enroll in the program for the AS Cyber Security Track, the Undergraduate Certificate in Cyber Security, or the Interdisciplinary Minor

in Cyber Security. Consequently, CSCI 1301 should replace CSCI 1302 as one of the possible prerequisites for CSCI 2070.

**Effective Term: Fall 2017**

**3. Modify the following program of study:**

**PROGRAM FOR THE DEGREE OF ASSOCIATE OF SCIENCE**

**Cyber Security Track**

**B. Additional Requirements ..... 18 hours**

MATH 1111 College Algebra (if not taken in Core Area A)

**One class selected from:**

ITEC 1310 Programming for IT

**CSCI 1301 Introduction to Programming Principles**

CSCI 2070 Introduction to Computer Ethics and Cyber Security

ITEC 3700 Cyber Security I

ITEC 4200 Cyber Security II, Network Security

ITEC 4300 Cyber Security III, Ethical Hacking

If MATH 1111 was taken in Core A, then select one of the following:

MATH 1113 Pre-Calculus Mathematics

CSCI 1150 Fundamentals of the Internet and the World Wide Web (if not taken in Area D)

**ITEC 2010 Introduction to Cyber Security**

Rationale: Students earning the AS Cyber Security Track would benefit from the option of taking ITEC 2010 instead of CSCI 1150, as ITEC 2010 will give them introductory material that will help prepare them for the more rigorous junior and senior level Cyber Security courses. ITEC 2010 is also in the program of study for both tracks in the BIT degree. This change will provide students with more flexibility regarding their initial programming course.

**Effective Term: Fall 2017**

**4. Modify the following program of study:**

**Undergraduate Certificate in Cyber Security**

**18 hours**

**One course selected from:**

CSCI 1150 Fundamentals of the Internet and the World Wide Web

**ITEC 2010 Introduction to Cyber Security**

One course selected from:

CSCI 1301 Introduction to Programming Principles

ITEC 1310 Programming for IT

CSCI 2070 Introduction to Computer Ethics and Cyber Security

ITEC 3700 Cyber Security I  
 ITEC 4200 Cyber Security II, Network Security  
 ITEC 4300 Cyber Security III, Ethical Hacking

Rationale: students earning the Undergraduate Certificate in Cyber Security would benefit from the option of taking ITEC 2010 instead of CSCI 1150, as ITEC 2010 will give them introductory material that will help prepare them for the more rigorous junior and senior level Cyber Security courses. In addition, as proposed in this set of changes, with ITEC 2010 not requiring a prerequisite, there will be one less barrier to completion for those students who are only earning the undergraduate certificate.

**Effective Term: Fall 2017**

**5. Modify the following minor:**

**Cyber Security Minor**

Cyber Security 18 hours

CSCI 2070, ITEC 3700, ITEC 4200, ITEC 4300

One course selected from: ITEC 1310, CSCI 1301

**One course selected from:** CRJU 5003U, CRJU 5010U

Rationale: when proposing this change, we were working off of the 2015-16 Undergraduate Catalog, not changes made and now published into the online 2016-17 Undergraduate Catalog. Upon further review of the new online catalog, CRJU 5003U (Cyber Forensics) is listed as both a mandatory course *and* an optional course. The change listed above corrects this situation.

[Editor's note: The minor had been transcribed to the online catalog incorrectly and has been corrected to match what was passed at the 12/2/2016 UCC meeting (and what was submitted to the catalog company).]

**Effective Term: Fall 2017**

**6. Modify the following program of study:**

**PROGRAM FOR THE DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY**

**Track 2: Cyber Security Track**

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

**One class selected from:**



ITEC 2000 Introduction to App Development  
 ITEC 2010 Introduction to Cyber Security

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

Rationale: The change to the Cyber Security Track is to make the degree program more flexible so that students who start in the Information Technology Track and then switch to the Cyber Security Track will receive credit for ITEC 2010 if they took it in the Information Technology Track.

**Effective Term: Fall 2017**

**Items** 7-8 from the Department of Computer Science and Information Technology 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.

**7. Create the following course:**

**CSCI 5710U/G Applied Cryptography**

**3-0-3**

Undergraduate Prerequisite: CSCI 2625

Graduate Prerequisite: permission of instructor

Investigation of classical goals of cryptography such as data privacy, authenticity and integrity. Topics include pseudorandom functions and permutations, block ciphers, symmetric encryption schemes, security of symmetric encryption schemes, hash functions, message authentication codes (MACs), security of MACs, PKI, public-key (asymmetric) encryption, digital signatures, security of asymmetric encryption and digital signature schemes, secret sharing, and threshold cryptography.

Rationale: The changes are required to fulfill our Cyber Security track in Master of Computer Science and Information Science program requirements. Graduate students will complete an extra project as part of this course.

**Effective Term: Fall 2017**

**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**

**8. Create the following course:****CSCI 5380U/G Software Security and Secure Coding****3-0-3**

Undergraduate Prerequisite: CSCI 1302

Graduate Prerequisite: permission of instructor

This course covers methodological framework for identifying common programming errors that result in software vulnerabilities, understanding how these errors are exploited by attackers, and how to implement solutions in a secure fashion. Topics include concurrency and vulnerabilities that result from deadlock, race conditions, invalid memory access sequences, and vulnerabilities associated with file I/O and time of use (TOCTOU).

Rationale: This course is required to fulfill our Cyber Security of Master of Computer Science and Information Science program requirements. Graduate students will complete an extra project as part of this course.

**Effective Term: Fall 2017****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**

D. Engineering Studies (no items)

E. Mathematics (no items)

**F. Psychology**

*Items 1-18 from the Department of Psychology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

**1. Delete the following course:**~~**PSYC 1200 DRUGS AND BEHAVIOR**~~~~**3-0-3**~~

Rationale: This course is deleted so that it can be recreated as an upper division undergraduate course (see PSYC 3095) and serve the role of a required course in the proposed neuroscience track.

**Effective Term: Fall 2017**

**2. The department requests a blanket change removing all instances of PSYC 1200.**

**3. Create the following course:**

**PSYC 3095 DRUGS AND BEHAVIOR.**

**3-0-3**

Prerequisite: PSYC 3090

An advanced exploration of the various factors involved in drug effects and abuse. Focus on laboratory methodology (with humans and non-humans) to examine drugs of abuse and some pharmacological treatments for neurological and psychiatric disorders.

Rationale: This course is being created as an upgraded version of PSYC 1200 Drugs and Behavior and serves the role of a required major course in the proposed neuroscience track in the PSYC BS degree.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Course Equivalent: None**

**4. Modify the following course:**

**PSYC 2950 LIFESPAN DEVELOPMENTAL PSYCHOLOGY**

**3-0-3**

Prerequisite: PSYC 1101

Examination of basic principles of human psychological development from conception through old age as these relate to biological, cognitive, and social development. ~~Not designed for psychology majors.~~

Rationale: PSYC 2950 is included in the updated Area F of the BS and BA programs of study and serves as a prerequisite for PSYC 3050 Child Psychology.

**Effective Term: Fall 2017**

**5. Delete the following course:**

~~PSYC 3020 PSYCHOLOGICAL TESTING~~

~~3-0-3~~

Rationale: This course is deleted so that it can be renumbered (See PSYC 3295) to a number larger than its prerequisite (PSYC 3280).

**Effective Term: Fall 2017**

**6. Create the following course:**

**PSYC 3295 PSYCHOLOGICAL TESTING**

**3-0-3**

Prerequisite: PSYC 2200 and PSYC 3280

Individual and group tests in psychological, educational, and clinical settings. Focus on the theoretical and statistical principles that underlie psychological and educational measurement and standardized psychological instruments, and ethical issues in psychological testing.

Rationale: The course is renumbered from PSYC 3020 so that it is a larger number than its prerequisite (i.e., PSYC 3280). The new prerequisites ensure students are prepared for the content and critical thinking expectations.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Course Equivalent: PSYC 3020**

**7. The department requests a blanket change where all instances of PSYC 3020 are replaced with PSYC 3295.**

**8. Modify the following course:**

**PSYC 3030 ~~EXPERIMENTAL~~ SOCIAL PSYCHOLOGY**

**3-0-3**

Rationale: The qualifier 'experimental' is unneeded and may be problematic for students who transfer away from Armstrong.

**Effective Term: Fall 2017**

**9. Modify the following course:**

**PSYC 3050 CHILD ~~PSYCHOLOGY~~ DEVELOPMENT**

**3-0-3**

Prerequisite: **PSYC 2200** and **PSYC ~~H01~~2950**

Examination of psychological theories, research, and application of psychology of the child from conception through adolescence. Surveys recent literature within the areas of ~~perpetual~~ **perceptual**, biological, cognitive, and social/emotional development.

Rationale: PSYC 3050 will serve the role of an advanced course in our restructured programs of study and the added prerequisites will ensure students are prepared for the content and critical thinking expectations. Also, a typo is corrected.

**Effective Term: Fall 2017**

**10. Modify the following course:****PSYC 3080 EVOLUTIONARY PSYCHOLOGY****3-0-3**

Prerequisite: PSYC 1101 ~~and or PSYC 1101H~~ either BIOL 1103 or BIOL 1107/1107L ~~or BIOL 1107H/BIOL 1107A, and BIOL 1108 or BIOL 1108H~~

Rationale: The changes in prerequisites are intended to streamline course eligibility and update them to include BIOL 1103 which will enable more of our BA students to take PSYC 3080.

**Effective Term: Fall 2017**

**11. Modify the following course:****PSYC 3090 PHYSIOLOGICAL PSYCHOLOGY****3-0-3**

Prerequisite: PSYC 1101 ~~and either BIOL 1103 or BIOL 1107/1107L and BIOL 1108 each~~ with a grade of C or better

Rationale: Including BIOL 1103 will make PSYC 3090 more accessible to our BA students who are not required to take BIOL 1107. BIOL 1108 is not essential for success in PSYC 3090, and, therefore, deleted as a prerequisite.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Course Equivalent: None**

**12. Delete the following course:**~~**PSYC 3160 CLINICAL PSYCHOLOGY**~~~~**3-0-3**~~

Rationale: This course is deleted so that it can be renumbered (see PSYC 3290) to a number larger than its prerequisite (i.e., PSYC 3280).

**Effective Term: Fall 2017**

**13. Create the following course:****PSYC 3290 CLINICAL PSYCHOLOGY****3-0-3**

Prerequisite: PSYC 2200 and PSYC 3280

Application of psychological theories to the understanding and treatment of behavioral problems and disorders, including the history of clinical psychology, educational and training requirements, and specialized areas of practice.

Rationale: This course is renumbered from PSYC 3160 so that the course number is larger than its prerequisite course number (i.e., PSYC 3280). The new prerequisites ensure students are prepared for the content and critical thinking expectations.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Course Equivalent: PSYC 3160**

**14. The department requests a blanket change where all instances of PSYC 3160 are replaced with PSYC 3290.**

**15. Modify the following course:**

**PSYC 3190 COMPARATIVE PSYCHOLOGY**

**3-0-3**

Prerequisite: PSYC 1101 ~~or PSYC 1101H~~

Adaptations and behaviors with which living organisms cope with their environments viewed from mechanistic, ~~eognitive~~cognitive, developmental, and evolutionary perspectives.

Rationale: Typo corrected and superfluous prerequisite deleted.

**Effective Term: Fall 2017**

**16. Modify the following course:**

**PSYC 3200 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY**

**3-0-3**

Prerequisite: ~~PSYC 2200 and PSYC 1101~~PSYC 2200

Rationale: PSYC 3200 will serve the role of an advanced course in our restructured programs of study and the added prerequisites will ensure students are prepared for the content and critical thinking expectations.

**Effective Term: Fall 2017**

**17. Modify the following course:****PSYC 3280 ABNORMAL PSYCHOLOGY****3-0-3**

Prerequisite: PSYC 1101

~~Classification, etiology, Etiology, prevention,~~ and treatment of psychological disorders, along with theoretical perspectives and socio-cultural views of abnormal behavior.

Rationale: Prevention of psychological disorders is not addressed in PSYC 3280, and, therefore, it is removed from the course description.

**Effective Term: Fall 2017****18. Modify the following course:****PSYC 5100U WOMEN AND MENTAL HEALTH****3-0-3**Undergraduate Prerequisite: PSYC 1101 ~~or PSYC 1101H~~

Rationale: It is unnecessary to include PSYC 1101H as a prerequisite. PSYC 5100G is not being modified.

**Effective Term: Fall 2017**

*Items 19-21 from the Department of Psychology 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.*

**19. Delete the following course:**~~**PSYC 5150U/G CONFLICT RESOLUTION**~~~~**3-0-3**~~

Rationale: This course is deleted from the undergraduate curriculum as a part of program prioritization decisions. A graduate level version of the course (i.e., PSYC 6150) is being created to serve the MAPCL program.

**Effective Term: Fall 2017****20. The department requests a blanket change removing all instances of PSYC 5150U.****21. Delete the following course:**~~**PSYC 5300U/G LEADERSHIP AND GROUP DYNAMICS**~~~~**3-0-3**~~

Rationale: This course is being deleted to allow the psychology department to offer it as an undergraduate-level only course (i.e., PSYC 3300) and a graduate-level only

course (i.e., PSYC 6300). A graduate level version of the course is being created to continue to serve the MAPCL program.

**Effective Term: Fall 2017**

*Items 22-46 from the Department of Psychology were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

**22. Create the following course:**

**PSYC 3300 LEADERSHIP AND GROUP DYNAMICS**

**3-0-3**

Prerequisite: PSYC 1101

Exploration of the social psychological approach to leadership development and the role of the leader in influencing group dynamics. Emphasis on the application of research findings in social psychology to the development of leadership skills.

Rationale: This course number is being created to allow psychology to teach it as an undergraduate student only course. It will also be taught to graduate students as a graduate only course (see PSYC 6300).

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Course Equivalent: PSYC 5300U**

**23. The department requests a blanket change removing all instances of PSYC 5300U and replacing it with PSYC 3300.**

**24. Create the following course:**

**PSYC 3410 LEARNING AND BEHAVIOR I**

**3-0-3**

Prerequisite: PSYC 1101

Advanced examination of classical and operant conditioning, with an introduction of basic and applied research. Includes concepts and principles of behavior analysis, measurement, including data analysis, research design and fundamental elements of behavior change with ethical professional conduct.

Rationale: This course is being created as an equivalent course to PSYC 3400 that will eventually replace it. PSYC 3400, 5060, 5061, and 5062 constitute an approved course sequence by the Behavior Analysis Certification Board (BACB) that, when completed, enables students to take the Board Certified Assistant Behavior Analyst Exam. We must submit Armstrong approved courses for the board to review and



accept. Once the BACB accepts PSYC 3410, PSYC 3420, PSYC 3430, and 3440 as replacements for PSYC 3400, PSYC 5060, PSYC 5061, and PSYC 5062, we will offer the former set of courses to students and cease offering the latter set - eventually deleting the latter set from the catalog.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**  
**Can Course be repeated for additional credit? No**  
**Maximum Number of Credit Hours: 3**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Course Equivalent: PSYC 3400**

**25. Create the following course:**

**PSYC 3420 PRINCIPLES OF BEHAVIOR CHANGE**

**3-0-3**

Prerequisite: PSYC 3400

Basic principles of behavior analysis, the definition and characteristics of applied behavior analysis, measurement, and behavior change procedures, including positive and negative reinforcement, schedules of reinforcement, punishment, imitation, shaping and chaining, extinction, differential reinforcement, and antecedent interventions.

Rationale: This course is being created as an equivalent course to PSYC 5060U that will eventually replace it. PSYC 3400, 5060, 5061, and 5062 constitute an approved course sequence by the Behavior Analysis Certification Board (BACB) that, when completed, enables students to take the Board Certified Assistant Behavior Analyst Exam. We must submit Armstrong approved courses for the board to review and accept. Once the BACB accepts PSYC 3410, PSYC 3420, PSYC 3430, and 3440 as replacements for PSYC 3400, PSYC 5060, PSYC 5061, and PSYC 5062, we will offer the former set of courses to students and cease offering the latter set - eventually deleting the latter set from the catalog.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**  
**Can Course be repeated for additional credit? No**  
**Maximum Number of Credit Hours: 3**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Course Equivalent: PSYC 5060U**

**26. Create the following course:****PSYC 3430 BEHAVIOR ASSESSMENT****3-0-3**

Prerequisite: PSYC 3420 or 5060U

Measurement of behavior, displaying and interpreting behavioral data, experimental evaluation of interventions, selecting intervention outcomes and strategies, behavioral assessment, and ethical considerations. Includes selecting and defining target behaviors, examination of single-subject experimental designs, planning and evaluating behavior analysis research, and functional behavior assessment.

Rationale: This course is being created as an equivalent course to PSYC 5061U that will eventually replace it. PSYC 3400, 5060, 5061, and 5062 constitute an approved course sequence by the Behavior Analysis Certification Board (BACB) that, when completed, enables students to take the Board Certified Assistant Behavior Analyst Exam. We must submit Armstrong approved courses for the board to review and accept. Once the BACB accepts PSYC 3410, PSYC 3420, and PSYC 3430 as replacements for PSYC 5060, PSYC 5061, and PSYC 5062, we will offer the former set of courses to students and cease offering the latter set - eventually deleting the latter set from the catalog.

**Effective Term: Fall 2017****CURCAT:****Major Department: Psychology****Can Course be repeated for additional credit? No****Maximum Number of Credit Hours: 3****Grading Mode: Normal****Instruction Type: Lecture****Course Equivalent: PSYC 5061U****27. Create the following course:****PSYC 3440 BEHAVIOR CHANGE TECHNIQUES****3-0-3**

Prerequisite or co-requisite: PSYC 3430 or 5061U

Seminar course in which students design, implement, and evaluate behavior change programs to practice selection of intervention outcomes and strategies, behavioral measurement and assessment, and use behavior change procedures and systems support consistent with professional ethical standards.

Rationale: This course is being created as an equivalent course to PSYC 5062U that will eventually replace it. PSYC 3400, 5060, 5061, and 5062 constitute an approved course sequence by the Behavior Analysis Certification Board (BACB) that, when completed, enables students to take the Board Certified Assistant Behavior Analyst Exam. We must submit Armstrong approved courses for the board to review and accept. Once the BACB accepts PSYC 3410, PSYC 3420, and PSYC 3430 as replacements for PSYC 5060, PSYC 5061, and PSYC 5062, we will offer the former set of courses to students and cease offering the latter set - eventually deleting the latter set from the catalog.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**  
**Can Course be repeated for additional credit? No**  
**Maximum Number of Credit Hours: 3**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Course Equivalent: PSYC 5062U**

**28. Modify the following course:**

**PSYC 3500 COGNITIVE ~~PSYCHOLOGY~~NEUROSCIENCE I** 3-0-3

Prerequisite: PSYC 1101

~~Examines the neural basis of cognition with an emphasis on the nervous system, attention, sensation and perception, and methodology, including principles and applications derived from basic research. Issues related to the various models of human information processing with an emphasis on perceptual and linguistic development, including principles and applications derived from basic research.~~

Rationale: This course name and description is modified to reflect the neurological basis of cognitive psychology. The topics are being split into two sections in order to adequately cover all topics. It will be a required course in the updated PSYC BS degree.

**Effective Term: Fall 2017**

**29. The department requests a blanket change updating all instances of PSYC 3500.**

**30. Create the following course:**

**PSYC 3510 COGNITIVE NEUROSCIENCE II** 3-0-3

Prerequisite: PSYC 3500

A continuation of Cognitive Neuroscience I. This course examines the neural basis of cognition with an emphasis on learning and memory, emotion, language, and control processes, including principles and applications derived from basic research.

Rationale: This course is being created to serve the role of continuing cognitive neuroscience topics. It will be a required course in the PSYC BS degree.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**  
**Can Course be repeated for additional credit? No**  
**Maximum Number of Credit Hours: 3**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**

**Course Equivalent: None**

**31. Modify the following course:**

**PSYC 3800 HEALTH PSYCHOLOGY**

**3-0-3**

Prerequisite: PSYC 1101

Examination of biological, psychological, and social factors that interact with and affect health and illness. Topics discussed may include, but are not limited to, the psychophysiology of stress and pain ~~and recovery~~, rehabilitation, and psychosocial adjustment of individuals with health problems.

Rationale: The term recovery is redundant with rehabilitation, and, therefore, deleted. Commas included where needed.

**Effective Term: Fall 2017**

**32. Modify the following course:**

**PSYC 3950 RESEARCH IN PSYCHOLOGY**

~~V-V-(1-6)~~**V-V-(1-9)**

Prerequisite: ~~junior standing, permission of department head, and agreement by a faculty member to supervise the research.~~ **By permission of supervising faculty member**

~~Uncompensated r~~Research to be assigned and directed by a faculty member of the Department of Psychology. Students will conduct research which may include a literature search, field or laboratory observation and experimentation, data reduction and analysis, and written and/or oral presentation of results. ~~The research experience will be evaluated by a rotating committee of the departmental faculty before the initiation of the project, and again upon completion of the work.~~ Credit will vary depending on the work to be completed. Course may be repeated up to a total of ~~six~~ **nine (69)** credit hours.

Rationale: Supervised research is occurring at earlier stages of students' academic tenures and prerequisites beyond faculty permission are not needed. We prefer this course description be silent on the issue of compensation. We are no longer using a committee to evaluate proposed and concluded research projects. With the support of faculty, students are participating in more research projects and 6 hours is not sufficient in many cases.

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? Yes**

**Maximum Number of Credit Hours: 69**

**Grading Mode: Normal**

**Instruction Type: Directed Study**

**Course Equivalent: None**

**33. Modify the following course:****PSYC 4090 LEARNING AND BEHAVIOR II****3-0-3**Prerequisite: ~~PSYC 1101 and PSYC 2200-3400~~

Corequisite: PSYC 4091

A continuation of Learning and Behavior I. A more in-depth exploration of classical and operant conditioning with the requirement of conducting experiments with non-human animals to illustrate concepts and principles surveyed in Learning and Behavior I. Students collect and analyze data to write research reports. Laboratory component with rotating emphasis (depending on instructor): cognitive, behavioral, biological. ~~An examination of basic learning processes and theories. Emphasis on experimental procedures used in the laboratory to better understand human behavior.~~

Rationale: This course is modified to serve the role of an advanced Learning and Behavior course taken after its prerequisite (PSYC 3400) and continue to be paired with a laboratory section. It is a required course in the BS degree, but will no longer be a course in our applied behavior analysis course sequence that prepares students for the certification examination. PSYC 1101 is not necessary as a prerequisite.

**Effective Term: Fall 2017****34. The department requests that all instances of PSYC 4090 be updated in the catalog****35. Modify the following course:****PSYC 4100 HISTORY AND SYSTEMS OF PSYCHOLOGY****3-0-3**Prerequisite: ~~PSYC 1101 and junior standing~~ ~~A minimum grade of C in 18 hours of PSYC courses and permission of the instructor.~~

A discussion of people, events, and theoretical and empirical contributions relevant to the development of psychology. ~~Topics covered include early animism, Cartesian dualism, British associationism, Darwinian adaptation, consciousness, the unconscious, various behaviorisms, and cognitive science. Special attention is given to the influence of philosophy in the history of psychology.~~

Rationale: The teaching faculty of this course prefer the proposed course description. PSYC 4100 will no longer occupy the role of a capstone course in either program of study and completing the course in one's junior or senior year is appropriate.

**Effective Term: Fall 2017****CURCAT:****Major Department: Psychology****Can Course be repeated for additional credit? No****Maximum Number of Credit Hours: 3****Grading Mode: Normal****Instruction Type: Lecture****Course Equivalent: None**

**36. Create the following course.****PSYC 4200 NEUROSCIENCE CAPSTONE COURSE****3-0-3**

Prerequisite: PSYC 2200 or HLPR 2000

Directed readings course in the field of neuroscience that serves as a capstone course for the neuroscience track and minor.

Rationale: This course is being created as a permanent version of a course taught repeatedly as a special topics course for the neuroscience minor and will be a required course in the proposed neuroscience track in the PSYC BS degree.

**Effective Term: Fall 2017****CURCAT:****Major Department: Psychology****Can Course be repeated for additional credit? No****Maximum Number of Credit Hours: 3****Grading Mode: Normal****Instruction Type: Lecture****Course Equivalent: None.****37. Create the following course:****PSYC 4330 DIRECTED READINGS IN PSYCHOLOGY****V-V-(1-3)**

Prerequisite: PSYC 2200

Directed readings supervised by a faculty member in the field of neuroscience serve as a capstone course for the neuroscience track and minor. Course may be repeated up to a total of six (6) credit hours.

Rationale: This course is being created to allow faculty to work with individual or small groups of students on directed reading assignments on specialized topics.

**Effective Term: Fall 2017****CURCAT:****Major Department: Psychology****Can Course be repeated for additional credit? Yes****Maximum Number of Credit Hours: 6****Grading Mode: Normal****Instruction Type: Directed Study****Course Equivalent: None****38. Modify the Course Equivalent of the following course:****PSYC 4050 ADVANCED RESEARCH DESIGN AND ANALYSIS****3-0-3**

Prerequisite: PSYC 1101 and PSYC 2200 (minimum grade of C) and PSYC 2201 (minimum grade of C)

Examination and critique of research designs in the literature of scientific psychology. Topics include conceptual and mathematical foundations for common measurement and analytical procedures which may include parametric and nonparametric tests.

Rationale: PSYC 4000 Measurement was once the department's upper division research course, but we replaced it with PSYC 4050. Both course serve the same general role in both degree programs. Updating CURCAT will link the two courses and aid in degree audits

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Directed Study**

**Course Equivalent: ~~none~~ PSYC 4000**

**39. Modify the Course Equivalent of the following course:**

**PSYC 4051 ADVANCED RESEARCH DESIGN AND ANALYSIS LAB 0-1-1**

Corequisite: PSYC 4050

Develop and conduct a required, original research project. Students apply statistical procedures to analyze data and compose an empirical article that conforms to APA standards.

Rationale: PSYC 4001 Measurement Laboratory was once the department's upper division laboratory course linked to 4001, but we replaced it with PSYC 4051 when we created PSYC 4050. Both laboratories serve the same general role in both degree programs. Updating CURCAT will link the two laboratories and aid in degree audits

**Effective Term: Fall 2017**

**CURCAT:**

**Major Department: Psychology**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 1**

**Grading Mode: Normal**

**Instruction Type: Supervised Laboratory**

**Course Equivalent: ~~none~~ PSYC 4001**

**40. Modify the following program of study:**

**PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE WITH A MAJOR IN PSYCHOLOGY**

**A. General Requirements**

**Core Areas A, B, C, D.IIA, and E** **42 hours**  
**Area F** **18 hours**

PSYC 1101 or 1101H Introduction to Psychology  
~~ANTH 1102 Introduction to Anthropology~~ or PSYC 2000 Ethics and Values in Psychology  
 PSYC 2190 Careers and Professional Skills in Psychology  
 PSYC 2200 Introduction to Psychological Research  
 PSYC 2201 Introduction to Psychological Research Laboratory  
 Two of the following courses:  
~~ITEC 1050, CSCI 1150, ITEC 1310, or another approved course from CSCI/ITEC~~  
 One of the following courses:  
 BIOL 2400 Introduction to Cell and Molecular Biology  
 PSYC 2950 Lifespan Developmental Psychology  
 One of the following courses for 2 credit hours:  
 CRJU 2010 Universal Justice  
 ENGL 2000 Ethics and Values in Literature  
 ETHC 2000 Interdisciplinary Ethics and Values  
 HLPR 2010 Culture, Illness, Diagnosis, and Treatment  
 HONS 2100 Honors Topics in Global Perspectives  
 POLS 1200 Ethical Theories and Moral Issues in Government

**Physical Education** **3 hours**  
**First-Year Seminar** **1 hour**

### **Track 1: Experimental Psychology**

**B. Major Field Courses** **32-29 hours**

#### ~~I. All courses in this section~~

#### **Required courses (20 hours):**

PSYC 3090 Physiological Psychology  
 PSYC 3400 Introduction to Learning or PSYC 3410 Learning and Behavior I  
 PSYC 3500 Cognitive Psychology-Neuroscience I  
 PSYC 3510 Cognitive Neuroscience II  
 PSYC 4050 Advanced Research Design and Analysis (~~3 hours~~)  
 PSYC 4051 Advanced Research Design and Analysis Lab (~~1 hour~~)  
 PSYC 4090 Learning and Behavior II (~~3 hours~~)  
 PSYC 4091 Learning and Behavior II Laboratory (~~1 hour~~)  
~~PSYC 4100 History and Systems of Psychology~~

~~H. 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~~

~~III. Two courses selected from~~

**Elective Courses(9 hours)**

**Choose three of the following:**

PSYC 3000 Human Resource Development Skills

~~PSYC 3020 Psychological Testing~~

PSYC 3030 ~~Experimental~~ Social Psychology

PSYC 3050 Child Psychology

PSYC 3070 Sensation and Perception

PSYC 3080 Evolutionary Psychology

PSYC 3100 Psychology of Human Sexuality

PSYC 3110 Theories of Personality

~~PSYC 3160 Clinical Psychology~~

PSYC 3190 Comparative Psychology

PSYC 3200 Industrial and Organizational Psychology

PSYC 3300 Leadership and Group Dynamics

PSYC 3280 Abnormal Psychology

PSYC 3290 Clinical Psychology

PSYC 3295 Psychological Testing

PSYC 3300 Leadership and Group Dynamics

PSYC 3800 Health Psychology

PSYC 3850 Sports Psychology

PSYC 3950 Research in Psychology (3 or more hours)

PSYC 4100 History and Systems of Psychology

PSYC 5060U Basic Behavior Principles and Behavior Change or 3420 Principles of Behavior Change

PSYC 5061U Advanced Behavioral Assessment or 3430 Behavior Assessment

PSYC 5062U Advanced Behavioral Change Techniques or 3440 Behavior Change Techniques

PSYC 5100U Women and Mental Health

~~PSYC 5150U Conflict Resolution~~

~~PSYC 5300U Leadership & Group Dynamics~~

~~IV. Two courses selected from:~~

~~PSYC 3030 Experimental Social~~

~~PSYC 3050 Child Psychology~~

~~PSYC 3100 Psychology of Human Sexuality~~

~~PSYC 3800 Health Psychology~~

~~PSYC 3850 Sports Psychology~~

~~PSYC 5062U Advanced Behavior Change Techniques~~

**C. Related Field Courses**

**12-16 hours**

~~PSYC 2201 Introduction to Psychological Research Lab~~

~~BIOL 1107/1107L or BIOL 1107H/1107A Principles of Biology I~~

~~And~~

~~BIOL 1108 or BIOL 1108H Principles of Biology II if not taken for Area D~~

~~3 hours of Core Area D.I.3 courses, or any PSYC class not taken for other degree requirements~~

~~If BIOL 1107/1107L or BIOL 1107H/1107A and BIOL 1108 or BIOL 1108H were taken for Area D, then 8 additional hours from Core Area D.I.3 courses, or any PSYC class not taken for other degree requirements~~

Any area 3000+ level courses for 10 credit hours

Core area D courses for 6 credit hours

#### **D. Electives**

**16-15 hours**

~~7 credit hours of any 3000, 4000, or 5000-level courses~~

~~3-15 credit hours of free electives~~

~~6 credit hours of approved electives in Biology, Chemistry, Mathematics, or Physics.~~

### **Track 2: Neuroscience**

#### **B. Major Field Courses: (29 hours)**

##### **Required Courses:**

PSYC 3070 Sensation and Perception  
 PSYC 3090 Physiological Psychology  
 PSYC 3095 Drugs and Behavior  
 PSYC 3400 Learning and Behavior I  
 PSYC 3500 Cognitive Neuroscience I  
 PSYC 3510 Cognitive Neuroscience II  
 PSYC 4050 Advanced Research Design & Analysis  
 PSYC 4051 Advanced Research Design & Analysis Laboratory  
 PSYC 4090 Learning and Behavior II  
 PSYC 4091 Learning and Behavior II Laboratory  
 PSYC 4200 Neuroscience Capstone Course

#### **C. Related Field Courses (31 hours)**

##### **Required courses: (17 hours)**

BIOL 2081 Human Anatomy and Physiology I  
 BIOL 3000 Cell Biology  
 BIOL 4200 Mammalian Physiology  
 BIOL 4230 Neurophysiology and Disease  
 CHEM 1211 Principles of Chemistry I  
 CHEM 1211L Principles of Chemistry I Laboratory

##### **I. Complete two courses of the following: (6 hours)**

RHAB 4100 Neuroscience in Rehabilitation Professions  
 RHAB 4111 Pathophysiology for the Rehab Professionals  
 RHAB 4900 Directed Study in Rehabilitation Science

##### **II. Required courses: (8 hours)**

BIOL 1107 Principles of Biology I  
 BIOL 1107L Principles of Biology I Laboratory  
 BIOL 1108 Principles of Biology II  
 Or complete 8 credit hours with free electives if BIOL 1107/1107L and BIOL 1108 are completed in Area D.

---

**Total Semester Hours** **124**

**E. Department Exit Exam**

Rationale: Effective Fall 2016, the Bachelors of Science with a Major in Psychology degree CIP code was changed to the STEM-designate code of 42.2704 (Experimental Psychology: A program that focuses on the scientific study of behavior under experimental conditions and the analysis of controlled behavioral responses. Includes instruction in learning theory, research design and experimental methods, psychological measurement, statistical design and methods, analysis of cognitive and behavioral variables, and the conduct of specialized and large-scale studies). The changes further elaborate the experimental psychology emphasis and differentiates the BS degree from the BA degree with its applied focus. The neuroscience track is a specialization within experimental psychology that builds on our successful neuroscience minor.

**Effective: Fall 2017**

**41. Modify the following program of study:**

**PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN PSYCHOLOGY**

**A. General Requirements**

**Core Areas A, B, C, D.I, and E** **42 hours**

**Area F** **18 hours**

PSYC 1101 or PSYC 1101H Introduction to Psychology

PSYC 2000 Ethics and Values in Psychology

PSYC 2190 Careers and Professional Skills in Psychology

PSYC 2200 Introduction to Psychological Research

**PSYC 2201 Introduction to Psychological Research Lab**

~~MATH 2200 Elementary Statistics~~

~~ITEC 1050, CSCI 1150, ITEC 1310, or another approved course from CSCI/ITEC~~

**PSYC 2950 Lifespan Developmental Psychology (1101)**

**One of the following courses for 2 credit hours:**

**CRJU 2010 Universal Justice**

**ENGL 2000 Ethics and Values in Literature**

**ETHC 2000 Interdisciplinary Ethics and Values**

**HLPR 2010 Culture, Illness, Diagnosis, and Treatment**

**HONS 2100 Honors Topics in Global Perspectives**

**POLS 1200 Ethical Theories and Moral Issues in Government**

**Physical Education** **3 hours**

**First-Year Seminar** **1 hour**

**B. Major Field Courses** **30 hours**

~~**I. All courses in this section:**~~

**Required courses (15 hours)**

~~PSYC 3000 Human Resource Dev Skills~~

~~PSYC 3030 Experimental Social Psychology~~  
~~PSYC 3280 Abnormal Psychology~~  
~~PSYC 3400 Introduction to Learning or 3410 Learning and Behavior I~~  
~~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~~

### **Elective Courses**

#### ~~—H. One course selected from:~~

**Choose one of the following: (3 hours)**

~~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~~  
~~PSYC 3200 Industrial Organizational Psychology~~  
~~PSYC 3290 Clinical Psychology~~  
~~PSYC 3295 Psychological Testing~~  
~~PSYC 3050 Child Psychology~~

#### ~~—III. Two courses selected from:~~

**Choose four of the following: (12 hours)**

~~PSYC 3000 Human Resources Development Skills~~  
~~PSYC 3050 Child Psychology~~  
~~PSYC 3100 Psychology of Human Sexuality~~  
~~PSYC 3110 Theories of Personality~~  
~~PSYC 3200 Industrial and Organizational Psychology~~  
~~PSYC 3290 Clinical Psychology~~  
~~PSYC 3295 Psychological Testing~~  
~~PSYC 3300 Leadership and Group Dynamics~~  
~~PSYC 3510 Cognitive Neuroscience II~~  
~~PSYC 3800 Health Psychology~~  
~~PSYC 3850 Sports Psychology~~  
~~PSYC 4100 History and Systems of Psychology~~  
~~PSYC 5060U Basic Behavior Principles and Behavior Change or PSYC 3420 Principles of Behavior Change~~  
~~PSYC 5061U Advanced Behavioral Assessment or 3430 Behavior Assessment~~  
~~PSYC 5062U Advanced Behavioral Change Techniques or 3440 Behavior Change Techniques~~  
~~PSYC 5100U Women and Mental Health~~  
~~PSYC 5150U Conflict Resolution~~  
~~PSYC 5300U Leadership and Group Dynamics~~

~~PSYC 5060U Basic Behavior Principles and Behavior Change or PSYC 5061U Advanced Behavioral Assessment~~

~~IV. One course selected from:~~

~~PSYC 3020 Psychological Testing~~

~~PSYC 3110 Theories of Personality~~

~~PSYC 3160 Clinical Psychology~~

~~PSYC 3280 Abnormal Psychology~~

~~PSYC 5061U Advanced Behavioral Assessment or PSYC 5062U Advanced Behavior Change Techniques~~

~~PSYC 5100U Women and Mental Health~~

~~V. One course selected from:~~

~~PSYC 3030 Experimental Social Psychology~~

~~PSYC 3050 Child Psychology~~

~~PSYC 3100 Human Sexuality~~

~~PSYC 3800 Health Psychology~~

~~PSYC 3850 Sports Psychology~~

~~PSYC 5062U Advanced Behavior Change Techniques~~

**C. Related Field Courses**

**13.9 hours**

**I. All courses in this section:**

~~PSYC 2201 Introduction to Psychological Research Lab~~

~~PSYC 3400 Introduction to Learning~~

~~Foreign Language 1002~~

~~MATH 2200 Elementary Statistics~~

**—H. One sequence from:**

**Choose one sequence from the following:**

~~FREN/GRMN/SPAN 1001 Elementary (language) I and 1102 Elementary (language) II Foreign Language 2001 and 2002~~

~~ACCT 2101 Principles of Financial Accounting I and ACCT 2102 Principles of Managerial Accounting I and II~~

~~ECON 2105 Principles of Macroeconomics and 2106 Principles of Macroeconomics and Principles of Microeconomics (if not used to fulfill Area E of the core)~~

~~COMM 2280 Speech Communication and one of the following: COMM 5050 Interpersonal Communication in the Workplace or COMM 5100~~

~~Communication Theory or COMM 5200 Nonverbal Communication or COMM 5300 Communication Between the Genders~~

**D. Electives**

**17.21 hours**

~~Any Area 3000+ level courses for 9 credit hours Six hours upper division electives (3000+ level)~~

~~Six hours from BIOL. If hours are already satisfied in Area D, then 6 hours are to be added to free electives.~~

~~Five hours free electives~~

~~Free Electives for 12 credit hours~~

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**Total Semester Hours**

**124 hours**

**E. Department Exit Exam**

Rationale: Effective Fall 2016, the Bachelors of Arts with a Major in Psychology degree CIP code was changed to 42.2813 (Applied Psychology: A program that focuses on the application of psychological theories and methods to real-world settings and problems, such as business and industry, government, education, military, and community settings. Includes instruction in applications of psychology, industrial/organizational psychology, developmental psychology, social psychology, cognitive psychology, counseling, human factors, research methods and statistics, and program evaluation.). The changes further elaborate the applied psychology emphasis and differentiates the BA degree from the BS degree with its experimental focus.

**Effective: Fall 2017**

**42. Modify the following minor:**

Applied Behavior Analysis 15-18 hours  
 PSYC ~~3160 or 3200~~; 3280, 3290, 3400, 5060U/3410, 5061U/3420, and 5062U/3430.  
 Available to any major.

Rationale: Revision to minor due to changes in prerequisites and course numbers.

**Effective: Fall 2017**

**43. Modify the following minor:**

Mental Health 15-18 hours  
 PSYC ~~3020, 3160~~, 3280, 3290, 3295, 3800, and either 3400/3410 and 5060U/3420 or ~~and one of the following: 3800, 5150U, 5061U,~~ or 5100U or 4130 (mental health-oriented internship).

Courses used as Major Field courses for the Psychology major may not be applied to the Mental Health minor. Available to any major.

Rationale: This minor is updated to reflect new course numbers, a new prerequisite for 5060U, and an internship option.

**Effective: Fall 2017**

**44. Modify the following minor:**

Organizational Psychology 15 hours  
 PSYC 3000, ~~3020, 3030~~, 3200, 3300 and either ~~5150U, 5300U an approved internship (PSYC 4130)~~ (organizational-oriented internship) or an approved research experience (PSYC 3950).

Courses used as Major Field courses for the Psychology major may not be applied to the Organizational Psychology minor.

Available to any major.

Rationale: This minor is updated to reflect new course number for PSYC 3300, a new prerequisite for 3200, and removing 5150 and 3020.

**Effective: Fall 2017**

**45. Modify the following certificate:**

Certificate in Applied Behavior Analysis

Available to students who hold a baccalaureate degree from an accredited institution.

~~Post-Baccalaureate~~ Undergraduate Certificate in Applied Behavior Analysis ~~18-2227~~ hours

PSYC 1101 ~~or 1101H~~—Introduction to Psychology

Choose one sequence option:

PSYC 3280 Abnormal Psychology and PSYC 3290 Clinical Psychology

or

PSYC 3030 Social Psychology and PSYC 3200 Industrial Organizational Psychology

~~One course selected from:~~ Complete the following courses:

~~PSYC 3160—Clinical Psychology~~

~~PSYC 3200—Industrial and Organizational Psychology~~

PSYC 3800—Health Psychology

PSYC 3400 Introduction to Learning ~~OR both PSYC 4090 and PSYC 4091~~

~~Learning and~~ or 3410 Learning and Behavior I

~~Behavior/Learning and Behavior Laboratory~~

PSYC 4130 Senior Internship (3 credit hours minimum)

PSYC 5060U Basic Behavior Principles and Behavior Change or 3420 Principles of Behavior Change

PSYC 5061U Advanced Behavioral Assessment or 3430 Behavior Assessment

PSYC 5062U Advanced Behavior Change Techniques or 3440 Behavior Change Techniques

**Effective: Fall 2017**

**46. Modify the following (interdisciplinary) minor:**

**Neuroscience Minor**

**Neuroscience 15-16 hours**

One course selected from: BIOL 2081, BIOL 4200, BIOL 4210

One course selected from: BIOL 4230, PSYC 3070, PSYC 3090, PSYC 3500

One course selected from: RHAB 4100, RHAB 4111

One course selected from: BIOL 4230, PSYC 3070, PSYC 3090, **PSYC 3095**, PSYC 3500, **PSYC 3510**, RHAB 4100, RHAB 4111

One course selected from: PSYC ~~5020U~~4200, RHAB 4900

Students graduating in the Neuroscience Track of the BS in Psychology are not eligible for the Neuroscience minor.

**Effective: Fall 2017**

**ADJOURNMENT.** The meeting was adjourned at 5:06 p.m.

Respectfully submitted,

Phyllis L. Fulton  
Catalog Editor and Secretary to the Committee



This form is updated periodically. Please be sure you are using the **latest** version of this form, which may be downloaded from: <http://core.usg.edu/docs/CoreCurriculumCourseProposal.docx>

**Core Curriculum Course Proposal Form – Areas A - E**

**Proposing institutions and reviewing bodies should review the following before completing their sections of this form.**

Requests for courses to be added to Areas A-E.

- Is the course at the collegiate level?
- Is the course broadly focused?
- Is the discipline of the course appropriately specified?
- Does the numbering of the course reflect the appropriate level (freshman, sophomore, junior . . )?
- Do the course prefix, numbering, and description conform with the USG list of Common Course Prefixes, Numbers, and Descriptions? Academic and Student Affairs Handbook, Section 2.4.10 ([http://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.10\\_common\\_course\\_prefixes\\_numbers\\_and\\_descriptions](http://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.10_common_course_prefixes_numbers_and_descriptions))

Requests for inclusion in Areas A – E:

- See Academic and Student Affairs Handbook, Section 2.4.4 Details Regarding Areas A-F ([http://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.4\\_details\\_regarding\\_areas\\_af](http://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.4_details_regarding_areas_af))
- See Academic and Student Affairs Handbook, Section 2.4.5 Rules Regarding Inclusion in Areas A-F ([http://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.5\\_rules\\_regarding\\_inclusion\\_in\\_areas\\_af](http://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.5_rules_regarding_inclusion_in_areas_af))
- See prerequisite rules, Academic and Student Affairs Handbook, Section 2.4.7 ([http://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.7\\_prerequisites\\_and\\_exceptions](http://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.7_prerequisites_and_exceptions))

There are 4 parts to this form:

- **Part 1 is to be filled out by the institution proposing the course.**
- [Part 2 is to be filled out by the Academic Advisory Committee.](#)
- [Part 3 is to be filled out by the Regents' Advisory Committee on Academic Affairs \(if needed\).](#)
- [Part 4 is to be filled out by the Council on General Education.](#)

**Part 1. To be filled out by the institution proposing the course.**

NOTE: This form and all ancillary information (including syllabi) should be filled out in **Word** and saved as a single document using the following file-naming convention:

UniqueAbbreviationForYourCollegeCoursePrefixCourseNumber, for example: **GCSUPSYC1101.docx**

You will then fill out some very brief information and upload the entire document to the USG website at: **[http://core.usg.edu/core\\_forms/course\\_proposal\\_form](http://core.usg.edu/core_forms/course_proposal_form)**

**Please do not delete any pages of this document.**

1. **Institution:** Armstrong State University
2. **This is a proposal for** (mark one box below):

<input type="checkbox"/>	<p><b>Change in an already-approved course only, no change in Area.</b> A change in a course that is already approved for Areas A-E at your institution. (If this is a change, please provide information in the boxes below on the current course, complete information on the new course, and a rationale for the change.)</p>
	<p><b>Course change information:</b></p>
	<p><b>From:</b></p>
	<p><b>To:</b></p>
<input checked="" type="checkbox"/>	<p>Placement of a course into the <b>Areas A – E</b> of the Core Curriculum</p>

3. **Course Subject** (e.g., philosophy): Geography
4. **Course Prefix and Number** (e.g., PSYC 1101): GEOG 1111
5. **Course Title** as it appears (or will appear) in catalog: Introduction to Physical Geography
6. **Lecture Hours-Laboratory Hours-Credit Hours** (e.g., 3-0-3): 3-0-3
7. **Provide a catalog description of the course** in the box below.

Topics covered include earth-sun relationships, weather, climate and climate classification, soils, biogeography, vegetation, and landforms with emphasis on global patterns of distribution.

**Common Course Prefixes, Numbers, and Descriptions**

**Does this course use a common course prefix and number as listed in the *Academic and Student Affairs Handbook Section 2.4.10*? (Please review the list of common course prefixes, numbers and**

descriptions at [Academic and Student Affairs Handbook, section 2.4.10](#) ] )

<input checked="" type="checkbox"/>	Yes
<input type="checkbox"/>	No

If you responded “no,” is a common course prefix and number available for this course?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

If you responded “no” that you are **not using a common course prefix** and number, and “yes” that a **common course prefix and number is available for this course**, please explain in the space below why your institution does not want to use the common course prefix and number and why your institution selected the prefix and number indicated on this proposal.

#### CORE AREAS (A-E)

Mark all **CORE AREAS (A-E)** that this course is requested to satisfy. For Core Areas that you have marked, state your institution’s Council on General Education-approved learning outcome(s) for that area, and explain how this course satisfies your institution’s approved learning outcomes.

<input type="checkbox"/>	<b>Area A (English, Mathematics)</b>
	State your institution’s approved learning outcome(s) for Area A:
	Enter text here.
	Explain how the proposed course satisfies the Area A learning outcome(s) listed above:
	Enter text here.
<input type="checkbox"/>	<b>Area B (Institutional Options)</b>
	State your institution’s approved learning outcome(s) for Area B:
	Enter text here.
	Explain how the proposed course satisfies the Area B learning outcome(s) listed above:
	Enter text here.
<input type="checkbox"/>	<b>Area C (Humanities, Fine Arts, Ethics)</b>
	State your institution’s approved learning outcome(s) for Area C:
	Enter text here.
	Explain how the proposed course satisfies the Area C learning outcome(s) listed above:
	Enter text here.
<input checked="" type="checkbox"/>	<b>Area D (Natural Sciences, Mathematics, Technology)</b>
	State your institution’s approved learning outcome(s) for Area D:
	Students will demonstrate a collegiate-level understanding of the method by which

	scientific study is conducted and students will accurately evaluate data in scientific reasoning problems.
	Explain how the proposed course satisfies the Area D learning outcome(s) listed above:
	Students will learn about the methods and tools used by physical geographers to understand earth processes (including for example remote sensing, GPS, and GIS). Through interactive classroom activities, students will utilize geographic data to evaluate and explain a physical phenomenon.
	<b>If Area D, select appropriate major(s):</b>
<input type="checkbox"/>	math/science majors
<input type="checkbox"/>	health professions majors
<input checked="" type="checkbox"/>	non-math/science/health professions majors
<input type="checkbox"/>	<b>Area E (Social Sciences)</b>
	State your institution's approved learning outcome(s) for Area E:
	Enter text here.
	Explain how the proposed course satisfies the Area E learning outcome(s) listed above:
	Enter text here.

8. **In the box below, explain how this specific course fits within the context of the institution's mission and general education program and advances the University System and the institution's general education learning outcomes.**

If this is a course proposal for Area B, explain how the course addresses the institution's philosophy, goals, and objectives for courses offered in Area B. Also note that courses specific to the major, skills based courses and orientation courses are not appropriate for Area B of the Core.

No response required. Will be replaced with a better question in the future.

#### Course Prerequisites:

**Learning Support Prerequisites or Corequisites:** Please select the most appropriate Learning Support prerequisite or corequisite statement (check only one).

- None
- Exit or exemption from Learning Support English at the Foundations level.
- Exit or exemption from Learning Support Mathematics at the Foundations level.
- Exit or exemption from both Learning Support English and Learning Support Mathematics at the Foundations Level.
- Exit or exemption from Learning Support English at the Corequisite level.
- Exit or exemption from Learning Support Mathematics at the Corequisite level.
- Exit or exemption from both Learning Support English and Learning Support Mathematics at the Corequisite Level.
- Exit or exemption from Learning Support English at the Foundations level and Learning Support Mathematics at the Corequisite Level.
- Exit or exemption from Learning Support Mathematics at the Foundations level and Learning Support English at the Corequisite Level.

**Other Prerequisites** (enter "none" if not applicable): GEOG 1100 or GEOG 2120 or HIST 1100 or POLS 1100 or permission of the instructor.

**Course Co-requisites** (enter "none" if not applicable): None

### Requests for Exceptions to the Prerequisite Rules

The Academic and Student Affairs Handbook, section [2.4.7](#) states that:

Courses in one area (A–E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A–E may be a prerequisite for any course outside Areas A–E
- No course in one area (A–E) may be a prerequisite for any course in any other area (A–E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A - E. Applications will be considered first by the relevant Regents Academic Advisory Committees (the advisory committee for the degree program and the advisory committee for course), then by the Administrative Committee on Academic Affairs (RACAA), and then by the Council on General Education.

**Are you requesting that students in a particular program or programs be required to take specific courses from electives within Areas A-E? (Courses that are required of all students at your institution do not count here.)**

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No

If yes, which program or programs?

Please review section [2.4.7](#) of the Academic and Student Affairs Handbook and provide a rationale in support of your request.

### 9. Course approval by institution

List each step of the approval process at your institution, and provide the dates on which your proposal was approved by each body or at each level. **By submitting this proposal, you are affirming that this proposal has already received all appropriate approvals at your institution.**

Date	Level or approving body
11/14	College of Science and Technology, majority vote

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10. Have any proposals for this course previously been submitted by your institution to the Council on General Education?

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No

If yes, please indicate the date or dates (for repeat submissions) as best you can.

--

What actions were taken on your previous submission(s)?

<input type="checkbox"/>	Approved
<input type="checkbox"/>	Denied
<input type="checkbox"/>	Withdrawn
<input type="checkbox"/>	Tabled

If a previous proposal was tabled or withdrawn, please explain.

--

How have you changed this proposal since the last time you submitted a proposal for this course?

--

**Appropriate Academic Advisory Committee to Review This Proposal**

Please indicate the most appropriate Regents' Academic Advisory Committee to review this proposal. (You may check more than one, if applicable.)

- |  |   |
|--|---|
| <input type="checkbox"/> Anthropology                                    | <input checked="" type="checkbox"/> Geological Sciences and Geography     |
| <input type="checkbox"/> Arts and Sciences (Deans)                       | <input type="checkbox"/> Georgia Film Academy Film Production             |
| <input type="checkbox"/> Biological Sciences                             | <input type="checkbox"/> History  |
| <input type="checkbox"/> Business Administration, Management & Economics | <input type="checkbox"/> Mathematical Subjects                            |
| <input type="checkbox"/> Chemistry                                       | <input type="checkbox"/> Nursing  |
| <input type="checkbox"/> Communication                                   | <input type="checkbox"/> Philosophy & Religion                            |
| <input type="checkbox"/> Computing Disciplines                           | <input type="checkbox"/> Physical Education, Health Education, Recreation |
| <input type="checkbox"/> Criminal Justice                                | <input type="checkbox"/> Physics and Astronomy                            |
| <input type="checkbox"/> Educator Preparation                            | <input type="checkbox"/> Political Science                                |
| <input type="checkbox"/> Family and Consumer Sciences                    | <input type="checkbox"/> Psychology                                       |
| <input type="checkbox"/> Fine and Applied Arts                           | <input type="checkbox"/> Social Work                                      |
| <input type="checkbox"/> Foreign Languages                               | <input type="checkbox"/> Sociology  |

Please provide the following contact information:

<b>VPAA Name:</b>	
<b>VPAA Email Address:</b>	
<b>VPAA Phone Number:</b>	
<b>VPAA Mailing Address:</b>	

Please fill in the **Course Description Template** below. This should be generic information that will apply to ALL sections of the course to be taught at your institution, not just to courses taught by a particular instructor.

### **Course Learning Outcomes**

Provide a bulleted list of the course learning outcomes.

- Students will be able to define the basic terminology related to Earth's physical features.
- Students will be able to describe the spatial patterns of Earth's physical environment, including Earth's atmosphere, water, land, and living systems.
- Students will be able to identify and analyze the physical processes that shape specific physical features on Earth's surface.
- Students will be able to demonstrate the environmental processes through interactive classroom exercises.
- Students will be able to explain how human activities impact and interact with the natural systems.

### **Course Content**

Provide a topical outline demonstrating the breadth and depth of the course. Please be as comprehensive as possible within the limits of an outline.

1. Introduction to physical geography
2. Earth-sun geometry, Insolation
3. Atmospheric composition and structure, Greenhouse effect
4. Energy balance and Temperature
5. Global temperature patterns
6. Atmospheric pressure and wind
7. Climate trends, Weather
8. Plate tectonics
9. Earthquakes and Volcanoes
10. Water resources and Water balance
11. Fluvial processes and Landforms
12. Glaciers
13. Weathering
14. Soils
15. Ecosystems
16. Terrestrial biomes
17. Global climate systems, Climate change

### **Assessment Strategies**

Provide a list of the principal student activities that will measure attainment of course learning outcomes including, but not limited to, reading assignments, writing assignments, tests, and examinations. What necessary activities does the institution require for courses taught by more than one faculty member?

Quizzes, exams, reading assignments, and writing assignments based on interactive classroom activities.

### **Instructional Strategies**



Provide a list of the instructional strategies that will be used to achieve course learning outcomes, such as lecture or non-traditional methods such as online classes or the use of experiential instruction.

Lecture and interactive classroom activities

**Potential Textbooks**

Provide examples of possible textbooks for the course.

Robert W. Christopherson and Ginger H. Birkeland. *Geosystems: An Introduction to Physical Geography*. Ninth edition. Pearson. ISBN(s): 0321926986, 9780321926982.

**Part 2. To be filled out by the Chair of the Regents' Academic Advisory Committee**

**This part of the form should be completed by the *Academic Advisory Committee Chair* after the course proposal has been reviewed by the appropriate Regents' Academic Advisory Committee(s).**

Upon completion of the form, please resave the form and send as an attachment to: [Barbara.Brown@usg.edu](mailto:Barbara.Brown@usg.edu)

**Please do not delete any pages of this document.**

1345	Council_Gen
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Course Title:	
Institution:	

1. Date the review by the Regents' Academic Advisory Committee was completed:

--

2. Did the Regents' Academic Advisory Committee **approve** this proposal?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

3. Please paste the Academic Advisory Committee Review in the box below. Comments should focus on the appropriateness of inclusion of the proposed course in the core curriculum, utilizing the criteria in the Academic and Student Affairs Handbook. (See [beginning](#) of this form (before Part 1) for criteria and links.)

Text here. Box will expand as needed.
---------------------------------------

4. Please mark the areas of the Core Curriculum for which your committee has approved the changed or proposed course.

<input type="checkbox"/>	Area A (English, Mathematics)
<input type="checkbox"/>	Area B (Institutional Options)
<input type="checkbox"/>	Area C (Humanities, Fine Arts, Ethics)
<input type="checkbox"/>	Area D (Natural Sciences, Mathematics, Technology)
<input type="checkbox"/>	math/science majors
<input type="checkbox"/>	health professions majors
<input type="checkbox"/>	non-math/science/health professions majors

<input type="checkbox"/>	Area E (Social Sciences)
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### Exceptions to the Prerequisite Rules?

#### Academic and Student Affairs Handbook section [2.4.7](#) Prerequisites and Exceptions

Courses in one area (A–E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A–E may be a prerequisite for any course outside Areas A–E
- No course in one area (A–E) may be a prerequisite for any course in any other area (A–E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A–E. Institutions may apply for up to 9 hours of such requirements. If permission is granted, these courses may be prerequisites for courses in Area F or in the major's degree requirements.

Applications [for exceptions] will be considered first by the relevant **Academic Advisory Committees** (the advisory committee for the degree program and the advisory committee for course), then by the Regents' Administrative Committee on Academic Affairs (RACAA), then by the Council on General Education (Gen Ed Council). The Gen Ed Council will make a recommendation to the Executive Vice Chancellor and Chief Academic Officer of the USG.

Did the institution apply for an exception to the general prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

Did the advisory committee **approve** exceptions to the prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

Please paste the Academic Advisory Committee comments on the request for an exception to the prerequisite rules in the box below. Please clearly outline the programs that will be allowed to require particular courses within Areas A - E and the courses that may be required.

Text here. Box will expand as needed.

Please provide contact information for the **Chair** of the Regents' Academic Advisory Committee.

<b>Academic Committee:</b>	
<b>Chair name:</b>	

Chair institution:	
Chair daytime phone number:	
Chair email address:	

**Reminder: After completing this part of the form, please save and send to [Barbara.Brown@usg.edu](mailto:Barbara.Brown@usg.edu) as an email attachment.**

**Part 3. To be filled out by the Regents' Advisory Committee on Academic Affairs (if needed).**

1345

Council\_Gen

Course Title:

Institution:

**Academic and Student Affairs Handbook section [2.4.7](#) Prerequisites and Exceptions**

Courses in one area (A–E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A–E may be a prerequisite for any course outside Areas A–E
- No course in one area (A–E) may be a prerequisite for any course in any other area (A–E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A–E. Institutions may apply for up to 9 hours of such requirements. If permission is granted, these courses may be prerequisites for courses in Area F or in the major's degree requirements.

Applications [for exceptions] will be considered first by the relevant Academic Advisory Committees (the advisory committee for the degree program and the advisory committee for course), then by the **Regents' Administrative Committee on Academic Affairs (RACAA)**, then by the Council on General Education (Gen Ed Council). The Gen Ed Council will make a recommendation to the Executive Vice Chancellor and Chief Academic Officer of the USG.

1. Date the RACAA review was completed:

2. Did the institution apply for an exception to the general prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

3. Did RACAA **approve** exceptions to the prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

4. Please paste the RACAA comments on this request in the box below. Please list the programs that will be allowed to require particular courses within Areas A-E and the courses that may be required.

Text here. Box will expand as needed.

5. Please provide contact information for the **RACAA Chair**.

Chair name:	
Chair institution:	
Chair daytime phone number:	
Chair email address:	

**Reminder: After completing this part of the form, please save and send to [Barbara.Brown@usg.edu](mailto:Barbara.Brown@usg.edu) as an email attachment.**

**Part 4: To be filled out by the System Liaison for the Council on General Education.**

1345	Council_Gen
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Course Title:
Institution:

1. Date the review by the Council on General Education was conducted:

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2. What action did the Council on General Education take with respect to this proposal?

<input type="checkbox"/>	Approved
<input type="checkbox"/>	Denied
<input type="checkbox"/>	Withdrawn
<input type="checkbox"/>	Tabled

3. Please paste any comments from the Council on General Education in the box below. Comments should focus on the appropriateness of inclusion of the proposed course in the core curriculum, utilizing the criteria in the Academic and Student Affairs Handbook. (See [beginning](#) of this form for criteria and links.)

Text here. Box will expand as needed.
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4. Please mark the areas of the Core Curriculum for which the Council on General Education has approved the changed or proposed course.

<input type="checkbox"/>	Area A (English, Mathematics)
<input type="checkbox"/>	Area B (Institutional Options)
<input type="checkbox"/>	Area C (Humanities, Fine Arts, Ethics)
<input type="checkbox"/>	Area D (Natural Sciences, Mathematics, Technology)
<input type="checkbox"/>	math/science majors
<input type="checkbox"/>	health professions majors
<input type="checkbox"/>	non-math/science/health professions majors
<input type="checkbox"/>	Area E (Social Sciences)

5. Please provide contact information for the System Liaison to the Council on General Education.

<b>Liaison name:</b>	Barbara L. Brown
<b>Liaison daytime phone number:</b>	404-962-3107
<b>Liaison email address:</b>	Barbara.Brown@usg.edu

Form last updated 8/11/16