Armstrong State University
Faculty Senate Bill FSB-2017-01-23-01:
University Curriculum Committee

Presidential Action

The attached University Curriculum Committee minutes (from December and January) and actions are provided to the University President for approval.

Delivered:
[Signature] Date: 1/27/17

Approve: 
Disapprove: 
Remand: 
Comments: (please attach an additional sheet if necessary)

Dr. Linda M. Bleicken, President
Armstrong State University
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**

   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**  
   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**  
   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**  
   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**  
   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
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

   Rationale: Description is more appropriate for the content of the course.
6. **Modify the following course:**  
**ARTS 2011 INTRODUCTION TO PAINTING**  
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.
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, chromoskedasic 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
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

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

Effective Term: Fall 2017

17. Modify the following course:
ARTS 3630 FABRIC DESIGN
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
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
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

**Description:** 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
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
D. F. Capstone Courses 6 hours
ARTS 4700 Senior Portfolio
ARTS 4710 Senior Seminar
ARTS 4740 Senior Exhibition

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  
   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  
   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

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

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

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

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**  
   0-3-10-3-(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.

---

**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

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

**B. Major Field Courses**

- 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

**C. Composition Concentration Electives** 28 hours

- 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.

**Total Semester Hours** 124 hours

**D Major Field Exit Exam**

**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 focuses on the creation and functioning of the European Union in the context of Modern European history 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

   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

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

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

AAn 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

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
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:**

<table>
<thead>
<tr>
<th>EURO 4530 EUROPEAN SOCIAL POLICY</th>
<th>3-0-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100</td>
<td></td>
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</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>EURO 4630 COMMUNICATIONS AND MEDIA</th>
<th>3-0-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100</td>
<td></td>
</tr>
</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>EURO 4730 EU FOREIGN POLICY</th>
<th>3-0-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100</td>
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</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>EURO 4760 US-EU RELATIONS</th>
<th>3-0-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100</td>
<td></td>
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</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>EURO 4830 EU Studies Capstone Course</th>
<th>3-0-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: HIST 1111 or HIST 1112 or POLS 1150 or POLS 2100</td>
<td></td>
</tr>
</tbody>
</table>

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

**Effective Term: Fall 2017**
**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**  
15 hours  
Note: students must maintain 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 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 BIOL1108H (minimum grade of C)
      Covers the abiotic and biotic environment, fauna, flora, and fauna of coastal salt marshes, barrier island habitats, with a focus on Georgia’s barrier islands. Topics may 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\textit{Environmental Restoration}
   BIOL 3600 Salt-Marsh\textit{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 Neuropsychology 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**

Required Courses (18 hours)
- BIOL 2020 Plant Biology
- BIOL 3000 Cell Biology
- BIOL 3050 General Ecology
- 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

31-34 hours
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**

<table>
<thead>
<tr>
<th>18 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1111 College Algebra (if not taken in Core Area A)</td>
</tr>
<tr>
<td><strong>One class selected from:</strong></td>
</tr>
<tr>
<td>ITEC 1310 Programming for IT</td>
</tr>
<tr>
<td>CSCI 1301 Introduction to Programming Principles</td>
</tr>
<tr>
<td>CSCI 2070 Introduction to Computer Ethics and Cyber Security</td>
</tr>
<tr>
<td>ITEC 3700 Cyber Security I</td>
</tr>
<tr>
<td>ITEC 4200 Cyber Security II, Network Security</td>
</tr>
<tr>
<td>ITEC 4300 Cyber Security III, Ethical Hacking</td>
</tr>
</tbody>
</table>

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

<p>| |</p>
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>MATH 1113 Pre-Calculus Mathematics</td>
</tr>
<tr>
<td>CSCI 1150 Fundamentals of the Internet and the World Wide Web (if not taken in Area D)</td>
</tr>
<tr>
<td>ITEC 2010 Introduction to Cyber Security</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>18 hours</th>
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</thead>
<tbody>
<tr>
<td><strong>One course selected from:</strong></td>
</tr>
<tr>
<td>CSCI 1150 Fundamentals of the Internet and the World Wide Web</td>
</tr>
<tr>
<td>ITEC 2010 Introduction to Cyber Security</td>
</tr>
<tr>
<td><strong>One course selected from:</strong></td>
</tr>
<tr>
<td>CSCI 1301 Introduction to Programming Principles</td>
</tr>
<tr>
<td>ITEC 1310 Programming for IT</td>
</tr>
<tr>
<td>CSCI 2070 Introduction to Computer Ethics and Cyber Security</td>
</tr>
</tbody>
</table>
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 course 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.**  
   **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**  
   **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**  
   **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 3295

   Examination of psychological theories, research, and application of psychology of the child from conception through adolescence. Surveys recent literature within the areas of 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, 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 41013030

   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
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
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

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

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
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
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

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 3400

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

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 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 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**  
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**  
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**  
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**  
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**  
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

II. Two courses selected from categories A–C, with no more than one course from a category:
Category A:
PSYC 3070 Sensation and Perception or PSYC 3500 Cognitive Psychology

Category B:
PSYC 3080 Evolutionary Psychology or PSYC 3190 Comparative Psychology

Category C:
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 PSYC 3800 Health Psychology
- PSYC 5061U Advanced Behavioral Assessment or PSYC 3420 Principles of Behavior Change
- PSYC 5062U Advanced Behavioral Change Techniques or PSYC 3430 Behavior Assessment
- 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 Behavioral Change Techniques

C. Related Field Courses 42-16 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.
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 4100H 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

II. 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 4100H 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
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

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

II. 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

Any Area 3000+ level courses for 9 credit hoursSix 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

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:

<table>
<thead>
<tr>
<th>Applied Behavior Analysis</th>
<th>15-18 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3160 or 3200, 3280, 3290, 3400, 5060U/3410, 5061U/3420, and 5062U/3430.</td>
<td>Available to any major.</td>
</tr>
</tbody>
</table>

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

Effective: Fall 2017

43. Modify the following minor:

<table>
<thead>
<tr>
<th>Mental Health</th>
<th>15-18 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>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).</td>
<td>Courses used as Major Field courses for the Psychology major may not be applied to the Mental Health minor. Available to any major.</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Organizational Psychology</th>
<th>15 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>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).</td>
<td>Courses used as Major Field courses for the Psychology major may not be applied to the Organizational Psychology minor. Available to any major.</td>
</tr>
</tbody>
</table>
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 18-227 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 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, 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)

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)
- 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)
- 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)

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

Please do not delete any pages of this document.

1. Institution: Armstrong State University

2. This is a proposal for (mark one box below):

☐ Change in an already-approved course only, no change in Area.
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.)

Course change information:

From:
To:

X Placement of a course into the Areas A – E of the Core Curriculum

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

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

Yes
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.

Area A (English, Mathematics)
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.

Area B (Institutional Options)
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.

Area C (Humanities, Fine Arts, Ethics)
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.

Area D (Natural Sciences, Mathematics, Technology)
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.

If Area D, select appropriate major(s):

- math/science majors
- health professions majors
- non-math/science/health professions majors

Area E (Social Sciences)

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).

- X  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.)

[ ] Yes
X 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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Level or approving body</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/14</td>
<td>College of Science and Technology, majority vote</td>
</tr>
</tbody>
</table>
10. Have any proposals for this course previously been submitted by your institution to the Council on General Education?

☐ Yes  ☒ 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)?

☐ Approved  ☐ Denied  ☐ Withdrawn  ☐ 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.)

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

Please provide the following contact information:

| VPAA Name: |  |
| VPAA Email Address: |  |
| VPAA Phone Number: |  |
| VPAA Mailing Address: |  |
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.
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

Please do not delete any pages of this document.

<table>
<thead>
<tr>
<th>1345</th>
<th>Council_Gen</th>
</tr>
</thead>
</table>

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?

   ☐ Yes
   ☐ 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.

   ☐ Area A (English, Mathematics)
   ☐ Area B (Institutional Options)
   ☐ Area C (Humanities, Fine Arts, Ethics)
   ☐ Area D (Natural Sciences, Mathematics, Technology)
   ☐ math/science majors
   ☐ health professions majors
   ☐ non-math/science/health professions majors
Area E (Social Sciences)

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?

☐ Yes
☐ No

Did the advisory committee approve exceptions to the prerequisite rules?

☐ Yes
☐ 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.

<table>
<thead>
<tr>
<th>Academic Committee:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair name:</td>
<td></td>
</tr>
<tr>
<td>Chair institution:</td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td>---</td>
</tr>
<tr>
<td>Chair daytime phone number:</td>
<td></td>
</tr>
<tr>
<td>Chair email address:</td>
<td></td>
</tr>
</tbody>
</table>

Reminder: After completing this part of the form, please save and send to 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?
   - [ ] Yes
   - [X] No

3. Did RACAA approve exceptions to the prerequisite rules?
   - [ ] Yes
   - [X] 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 as an email attachment.
Part 4: To be filled out by the System Liaison for the Council on General Education.

Course Title:
Institution:

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

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

   - Approved
   - Denied
   - Withdrawn
   - 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.

4. Please mark the areas of the Core Curriculum for which the Council on General Education has approved the changed or proposed course.

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

5. Please provide contact information for the System Liaison to the Council on General Education.
<table>
<thead>
<tr>
<th><strong>Liaison name:</strong></th>
<th>Barbara L. Brown</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Liaison daytime phone number:</strong></td>
<td>404-962-3107</td>
</tr>
<tr>
<td><strong>Liaison email address:</strong></td>
<td><a href="mailto:Barbara.Brown@usg.edu">Barbara.Brown@usg.edu</a></td>
</tr>
</tbody>
</table>

Form last updated 8/11/16
CALL TO ORDER. The meeting was called to order at 3:05 by Rick McGrath.

APPROVAL OF MINUTES. The minutes of December 7, 2016, were approved as presented.

ITEMS

I. College of Education

Items 1-11 from the College of Education were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.

1. Create the following course:
   EDUC 4800 Internship II Student Teaching 0-V-12
   Prerequisites: Completion of all program of study courses and meeting undergraduate internship admission criteria.
   Description: The internship requires a fall or spring semester long, supervised field experience in a school setting approved and designated by the College of Education.
   Rationale: Providing one prefix and course number for internships from different College of Education programs streamlines registration and data collection procedures.
   Effective Term: Fall 2017

CURCAT:
   Major Departments: Childhood and Exceptional Student Education
   Secondary, Adult and Physical Education
Can course be repeated for additional credit? No
Maximum Number of Credit Hours: 12
Grading Mode S/U
Instruction Type: Internship
Undergraduate Course Equivalent: ECUG 4750, PEHM 4750, SCED 4750, SPED 4750

2. Delete the following course:
   **ECUG 4750 INTERNSHIP II - STUDENT TEACHING**
   
   **Rationale:** The course is being replaced by EDUC 4800.
   **Effective term:** Fall 2017

3. Delete the following course:
   **SCED 4750 INTERNSHIP II - STUDENT TEACHING**
   
   **Rationale:** The course is being replaced by EDUC 4800.
   **Effective Term:** Fall 2017

4. Delete the following course:
   **PEHM 4750 INTERNSHIP II - STUDENT TEACHING**
   
   **Rationale:** The course is being replaced by EDUC 4800.
   **Effective Term:** Fall 2017

5. Delete the following course:
   **SPED 4750 INTERNSHIP II - STUDENT TEACHING**
   
   **Rationale:** The course is being replaced by EDUC 4800.
   **Effective Term:** Fall 2017

6. Modify the following Program of Study

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

   **B. MAJOR FIELD COURSES 36 HOURS**
   
   EDUC 3100 Technology Applications for Teachers
   EDUC 3200 Curriculum, Planning, and Instruction
   EDUC 3250 Educational Policy and Professional Standards for Teachers
   EDUC 3300 Educating Students with Disabilities in the General Education Classroom
EDUC 4800 Internship II Student Teaching
SCED 3081 Student and Classroom Assessment
SCED 3400 Classroom Management Strategies
SCED 3750 Internship I
SCED 4200 Reading and Writing in the Content Areas
STUD 4750 Internship II—Student Teaching
SCED 5400U Content Methods in Secondary History and Social Studies

Rationale: EDUC 4800 replaces SCED 4750 to better facilitate student registration and College of Education data collection.

Effective Term: Fall 2017

7. Modify the following Program of Study

Bachelor of Science in Early Childhood Education

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
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
EDUC 4800 Internship II Student Teaching

Rationale: EDUC 4800 replaces ECUG 4750 to better facilitate student registration and College of Education data collection

Effective Term: Fall 2017

8. Modify the following Program of Study:

Bachelor of Science in Education in Health and Physical Education

B. Major Field Courses 60 hours
EDUC 3100 Technology Applications for Teachers
EDUC 3200 Curriculum, Instruction, and Assessment
EDUC 3300 Educating Students with Disabilities in the General Education Classroom
EDUC 4800 Internship II Student Teaching
PEHM 3000 Current Health Education Issues
PEHM 3090 Basic Games, Dance & Rhythmic Activities
PEHM 3283 Kinesiology
PEHM 3300 Techniques in Team Sports Instruction
PEHM 3350 Class Management Practices in Health and Physical Education
PEHM 3500 Exercise Physiology
PEHM 3700 Individual and Dual Sports
PEHM 4000 Measurement and Evaluation in Health and Physical Education
PEHM 4090 Health Education Topics
PEHM 4100 Adaptive Physical Education
PEHM 4333 Principles of Coaching
PEHM 4701 Elementary Physical Education Curriculum and Methods
PEHM 4702 Middle and Secondary Physical Education Curriculum and Methods
PEHM 4703 Health Education Curriculum and Methods
PEHM 4750 Internship II Student Teaching

Rationale: EDUC 4800 replace PEHM 4750 to better facilitate student registration and College of Education data collection.

Effective Term: Fall 2017

9. Modify the following Program of Study

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION WITH A MAJOR IN SECONDARY HISTORY TEACHER EDUCATION

B. Major Field Courses ............................................. 36 hours
   EDUC 3100 Technology Applications for Teachers
   EDUC 3200 Curriculum, Planning, and Instruction
   EDUC 3250 Educational Policy and Professional Standards for Teachers
   EDUC 3300 Educating Students with Disabilities in the General Education Classroom
   EDUC 4800 Internship II Student Teaching
   SCED 3081 Student and Classroom Assessment
   SCED 3400 Classroom Management Strategies
   SCED 3750 Internship I
   SCED 4200 Reading and Writing in the Content Areas
   SCED 4750 Internship II — Student Teaching
   SCED 5400U Content Methods in Secondary History and Social Studies
Rationale: EDUC 4800 replaces SCED 4750 to better facilitate student registration and College of Education data collection

Effective Term: Fall 2017

10. Modify the following Program of Study

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION WITH A MAJOR IN SECONDARY GENERAL SCIENCE TEACHER EDUCATION

B. Major Field Courses 36 hours
EDUC 3100 Technology Applications for Teachers
EDUC 3200 Curriculum, Planning, and Instruction
EDUC 3250 Educational Policy and Professional Standards for Teachers
EDUC 3300 Educating Students with Disabilities in the General Education Classroom
EDUC 4800 Internship II Student Teaching
SCED 3081 Student and Classroom Assessment
SCED 3400 Classroom Management Strategies
SCED 3750 Internship I
SCED 4200 Reading and Writing in the Content Areas
SCED 4750 Internship II—Student Teaching
SCED 5500U Content Methods in Secondary Science

Rationale: EDUC 4800 replaces SCED 4750 to better facilitate student registration and College of Education data collection.

Effective Term: Fall 2017

11. Modify the following Program of Study

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION WITH A MAJOR IN MATHEMATICS TEACHER EDUCATION

B. Major Courses ................................................. 34 hours
EDUC 3200 Curriculum, Planning, and Instruction
EDUC 3250 Educational Policy and Professional Standards for Teachers
EDUC 3300 Educating Students with Disabilities in the General Education Classroom
EDUC 4800 Internship II Student Teaching
SCED 3081 Student and Classroom Assessment
SCED 3400 Classroom Management Strategies
SCED 3750 Internship I
SCED 4200 Reading and Writing Across the Curriculum
SCED 4750 Internship II—Student Teaching
SCED 5600U Content Methods Secondary Mathematics

Rationale: EDUC 4800 replaces SCED 4750 to better facilitate student registration and College of Education data collection.

Effective Term: Fall 2017

A. Childhood and Exceptional Student Education

Bachelor of Science in Education in Special Education

Items 1-9 from the Department of Childhood and Exceptional Student Education were discussed and the undergraduate portions approved by the committee. They are being submitted to the Graduate Curriculum Committee and therefore are marked “For Information Only” for the report to the Senate.

1. Create the following course:
   SPED 5021U/G Assistive Technology 1-0-1
   Undergraduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education
   Graduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education
   Description: The identification, selection, and appropriate use of assistive and adaptive technology for students with disabilities.

   Rationale: This one-hour course will supplement EDUC 3100/EDUC 6100 with a focus on assistive technology for students with disabilities and be listed for candidates in the MAT and BSED special education programs. Requirements for graduate students will be distinguished by the addition of a research project.

   Effective Term: Fall 2017

   CURCAT:
   Major Department: Childhood and Exceptional Student Education
   Can course be repeated for additional credit? No
   Maximum number of credit hours: 1
   Grading Mode: Normal
   Instruction Type: Lecture
   Course Equivalent: None

2. Create the following course:
   SPED 5320U/G Behavioral Interventions and Support 3-V-3
Undergraduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and EDUC 3300
Graduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and EDUC 6300
Description: The theory and application of Positive Behavior Interventions and Support, and an overview of other evidence based behavioral interventions in special education. A field experience is required.

Rationale: This course adds behavioral content that better align the program to state and national standards and will be listed for candidates in the MAT and BSED special education programs. Requirements for graduate students will be distinguished by an additional research project.

Effective Term: Fall 2017

CURCAT:
  Major Department: Childhood and Exceptional Student Education
  Can course be repeated for additional credit? No
  Maximum number of credit hours: 3
  Grading Mode: Normal
  Instruction Type: Lecture
  Course Equivalent: None

3. Create the following course:
   SPED 5320L U/G Behavioral Interventions and Support Lab 0-3-1
   Undergraduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and EDUC 3300
   Undergraduate Corequisite: SPED 5320U
   Graduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and EDUC 6300
   Description: The theory and application of Positive Behavior Interventions and Support, and an overview of other evidence based behavioral interventions in special education.

   Rationale: This course adds behavioral content that better align the program to state and national standards and will be listed for candidates in the MAT and BSED special education programs. Requirements for graduate students will be distinguished by an additional research project.

   Effective Term: Fall 2017

CURCAT:
  Major Department: Childhood and Exceptional Student Education
  Can course be repeated for additional credit? No
  Maximum number of credit hours: 1
  Grading Mode: Normal
4. **Create the following course:**
   **SPED 5430U/G Special Topics in Special Education** 3-0-3
   Undergraduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education
   Graduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education

   Emerging trends in special education: subject announced when course is offered. May be repeated for additional credit when topics change.

   **Rationale:** To allow the inclusion of special topics as deemed necessary by the department. This course will be listed for candidates in the MAT and BSED special education programs. Requirements for graduate students will be distinguished by an additional research project.

   **Effective Term:** Fall 2017

   **CURCAT:**
   - **Major Department:** Childhood and Exceptional Student Education
   - **Can course be repeated for additional credit?** Yes
   - **Maximum number of credit hours:** 6
   - **Grading Mode:** Normal
   - **Instruction Type:** Lecture
   - **Course Equivalent:** None

5. **Create the following course:**
   **SPED 5610U/G Inclusion and Transition Practices** 3-V-3
   Undergraduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and EDUC 3300
   Graduate Prerequisite: Admission to Candidacy in the Department of Childhood and Exceptional Student Education and EDUC 6300
   Description: The instructional and support practices of special education teachers in inclusive classrooms as well as transition services for students with disabilities. A field experience is required.

   **Rationale:** This course provides focused attention on discrete teacher skills most often targeted for improvement by school principals and state and federal mandates to include students in their own transition planning. This course will be listed for candidates in the MAT and BSED special education programs. Requirements for graduate students will be distinguished by an additional research project.

   **Effective Term:** Fall 2017
CURCAT:
Major Department: Childhood and Exceptional Student Education
Can course be repeated for additional credit? No
Maximum number of credit hours: 3
Grading Mode: Normal
Instruction Type: Lecture
Course Equivalent: None

6. Modify the following course:
SPED 5130U/G Assessment in Special Education 3-V-3-3-0-3
Instruction in formal and informal assessment techniques and instruments appropriate for use in assessing students with disabilities. Demonstrates the use of assessment data to determine eligibility for services and to develop and evaluate individual education plans (IEP). Emphasis on using data from evaluations to write IEPs, curriculum based measures (CBMs) in a multi-tiered system of support, diagnosis of skill deficits, using data to drive instructional decision making, scoring/grading, and effective use of feedback. *A field experience is required.*

Rationale: Modify course to align with program series of field experiences.

Effective Term: Fall 2017

7. Modify the following course:
SPED 5231U/G TEACHING READING AND DISABILITIES 3-V-3
Undergraduate Prerequisite: Admission to candidacy in the College of Education
Undergraduate Co-requisite: ECUG 3072
Graduate Prerequisite: Admission to candidacy in the College of Education
Graduate Co-requisite: ECMT 6000
Research based, multisensory, technology enhanced strategies and techniques for teaching reading and written expression skills in an integrated process. Focus is on research based core instruction, strategies for differentiation, intervention, and diagnosis of skill deficits in a multi-tiered system of support. A field experience is required.

Rationale: To facilitate application of special education practices in content area instruction, including co-teaching opportunities between general and special education candidates.

Effective Term: Fall 2017

8. Modify the following course:
SPED 5232U/G TEACHING MATHEMATICS AND DISABILITIES 3-V-3
Undergraduate Prerequisite: Admission to Candidacy in the College of Education, SPED 5010U, SPED 5130U
Undergraduate Co-requisite: ECUG 4085 and SPED 4740
Graduate Prerequisite: SPED 5010G, SPED 5130G Admission to Candidacy in the College of Education
Graduate Co-requisite: ECMT 6040
Strategies and techniques for teaching mathematics through research based and technology enhanced approaches. A field experience is required.

**Rationale:** To facilitate application of special education practices in content area instruction, including co-teaching opportunities between general and special education candidates.

**Effective Term:** Fall 2017

9. **Delete the following courses:**
   - SPED 5010U/G Technology for the Special Educator 3-0-3
   - SPED 5400U/G Transition Planning 3-0-3

   **Rationale:** Remove inactive courses from the catalog

   **Effective Term:** Fall 2017

*Items 10-11 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.*

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

    **PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION IN SPECIAL EDUCATION**

    *Bachelor of Science in Education in Special Education program is not currently accepting new students.*

    **A. General Requirements**
    - Core Areas A, B, C, D.I, and E .......................... 42 hours
    - Area F ......................................................... 18 hours
      - EDUC 2110 Investigating Critical and Contemporary Issues in Education
      - EDUC 2120 Exploring Socio-cultural Perspectives in Diversity in Education Contexts
      - EDUC 2130 Exploring Learning and Teaching
      - CEUG 2100 Introduction to Students with Disabilities
      - MATH 2008 Foundations of Numbers and Operations
      - MATH 2200 Elementary Statistics
      - SPED 2001 The Field of Special Education: Past and Future
      - CEUG 3012 Language Acquisition
    - Physical Education ........................................... 3 hours
    - First-Year Seminar ........................................... 1 hour

    **B. Major Field Courses** ..................................... 5436 hours
ECUG 3040 Childhood Development from Prenatal to Adolescence (3)
ECUG 3060 Developmental Approach to Language and Literacy (3)
ECUG 3071 Teaching Children’s Literature (3)
ECUG 3072 Teaching of Reading (3)
EDUC 3200 Curriculum, Planning and Assessment (3)
ECUG 4085 Teaching of Mathematics (3)
EDUC 3100 Technology Applications for Teachers (2)
EDUC 3250 Educational Policy and Professional Standards for Teachers (2)
EDUC 4800 Internship II Student Teaching (12)
SPED 5021U Assistive Technology (1)
SPED 4004 Curriculum and Instructional Strategies in the Content Areas
SPED 4005 Strategies for Developing Social Skills and Behavioral Controls
SPED 4740 Internship I: Directed Field Based Research (3)
SPED 4750 Internship II: Student Teaching (12)
SPED 5010U Technology for the Special Educator
SPED 5130U Assessment in Special Education (3)
SPED 5232U Teaching Mathematics and Disabilities (3)
SPED 5231U Teaching Reading and Disabilities (3)
SPED 5320U Behavioral Interventions and Support (3)
SPED 5320LU Behavioral Interventions and Support (1)
SPED 5610U Inclusion and Transition Practices (3)
SPED 5400U Transition Planning
C. Additional Hours for Required Concentration .......... 6 hours
Choose a Language Arts OR Mathematics concentration
Language Arts:
   SCED 4200 Reading and Writing in the Content Areas  AND
   SCED 5300U Content Methods in Secondary English & Language Arts
OR
Mathematics:
   MATH 3911 Algorithms and Number Systems: A Laboratory Approach  AND
   MATH 3912 Geometry and Data Analysis: A Laboratory Approach
Related Content for Highly Qualified ............................... 24
21 credit hours in one of the following content areas, with major departmental
approval: English, History, Mathematics, or Science.
D. Program Related Courses .............................................. 3
Math 2200 Elementary Statistics
Total Semester Hours ...................................................... 124

DE. Georgia Assessment for the Certification of Educators (GACE) Program
Admission Assessments or exemption scores; Admission to Candidacy; evidence
of professional tort liability insurance valid for a period no less than three (3)
years from the date of Admission to Candidacy or exemption; GACE content
area examinations passed; admission to Internship II; Georgia Professional
Standards Commission Pre-Service Certificate; content pedagogy assessment.
Rationale: To update program of study to reflect relevant content for effective special teacher preparation and the expressed needs of stakeholders.

Effective Term: Fall 2017

11. Delete the following courses:
   SPED 2001 The Field of Special Education Past and Future 3-0-3
   SPED 4004 Curriculum and Instructional Strategies in the Content Areas 3-0-3
   SPED 4005 Strategies for Developing Social Skills and Behavioral Controls 3-0-3

Rationale: Remove inactive courses from the catalog

Effective Term: Fall 2017

Child and Family Studies Program

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

1. Create the following course:
   EDUC 3050 Introduction to Child Life Theory and Practice 3-0-3
   Prerequisites: ECUG 3040
   Description: Course provides students with an understanding of the psychosocial needs of children and families in hospital or pediatric clinical settings. Students will learn assessments and techniques to promote adjustment and coping during stressful medical events. EDUC 3050 does not qualify students to take the Child Life Professional Certification Examination or complete the 480 hours of internship/fellowship to become a Certified Child Life Specialist.

Rationale: Child life specialists are experts in child development, who promote effective coping through play, preparation, education, and self-expression activities. They provide emotional support for families, and encourage optimum development of children facing a broad range of challenging experiences, particularly those related to healthcare and hospitalization. Understanding that a child’s wellbeing depends on the support of the family, child life specialists provide information, support and guidance to parents, siblings, and other family members. They also play a vital role in educating caregivers, administrators, and the general public about the needs of children under stress. This course introduces students to the profession of child life specialist.

Effective Term: Fall 2017

CURCAT:
2. Modify the following Program of Study:

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

Track 2: Child and Family Studies

B. Major Field Courses 54 hours

CEUG 3012 Language Acquisition
ECUG 3040 Childhood Development from Prenatal Period to Adolescence
ECUG 3050 Introduction to Child Life Theory and Practice
EDUC 3150 Applied Technology for a Digital World
EDUC 3240 Literature for Children and Adolescents
EDUC 3260 Reading and Writing Personal Narrative
EDUC 3300 Educating Students with Disabilities
EDUC 3450 Creative and Affective Development
EDUC 3750 Community Internship I
EDUC 4500 Working with Families
EDUC 4750 Community Internship II
PEHM 3000 Current Health Education Issues
PEHM 3090 Basic Games, Dance, and Rhythmic Activities
PEHM 3200 Motor Development and Learning
PEHM 4090 Health Education Topics
PUBH 5550U Nutrition
SOCI 3150 Sociology of the Family

C. Related Field Courses 6 hours

SOCI 1101 Introductory Sociology (if not taken in Core Area E)
3 credit hours from the following list:

COMM 3050 Interpersonal and Small Group Communication
CSDS 4050 Intercultural Communication
ENGL 3720 Business and Technical Communication
HSCP 4010 Health and Human Development
PSYC 2950 Lifespan Developmental Psychology
PSYC 1200 Drugs and Behavior
PUBH 5550U Nutrition
PUBH 5570U Women and Minority Health Issues
SOCI 3200 Racial and Ethnic Minorities
THEA 3030 Creative Dramatics and Children’s Theatre
Rationale: The addition of the course in Child Life Theory and Practice will advance the goals of students who wish to work with families and children. Changing the Health Education course from PEHM 4090 to PEHM 3000 has been recommended by HPE faculty. The PEHM 3000 course provides a broader list of topics and will be more beneficial to students as an overview course. PUBH 5550 has been moved to electives to make room for the new course. PEHM 3000 covers general nutrition topics. Electives below the 3000 level have been eliminated from elective choices to strengthen the program. Electives that have not been offered in the past year have been eliminated as elective choices.

B. Secondary, Adult, and Physical Education

Health and Physical Education

*Items 1-2 from the Department of Secondary, Adult, and Physical Education were discussed and approved by the committee. They are being submitted to the Faculty Senate for approval.*

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

**PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION IN HEALTH AND PHYSICAL EDUCATION**

**Track 2: Recreation and Coaching**

**Core Area F**

- EDUC 2110 Investigating Critical and Contemporary Issues in Education
- ACCT 2101 Principles of Financial Accounting
- EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Education Contexts
- ECON 2106 Principles of Microeconomics
- PEHM 2100 Athletic Health Care: Prevention, Recognition, and Care of Sports Injuries
- PEHM 2500 Foundations of Physical Education
- PSYC 2950 Lifespan Developmental Psychology

18 hours

Rationale: Faculty members in both Physical Education and Economics believe that the accounting course is better suited to train Coaching and Recreation majors in preparation for jobs in their related field by providing basics of accounting.

**Effective Term: Fall 2017.**
2. Modify the following Program of Study

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION IN HEALTH AND PHYSICAL EDUCATION

Track 2: Recreation and Coaching

B. Major Field Courses 60 hours

EDUC 3300 Educating Students with Disabilities in the General Education Classroom
PEEC 3010 Intramural and Recreational Programs
PEEC 3100 Outdoor Lifetime Activities
PEEC 3180 Officiating Team Sports
PEHM 3000 Current Health Education Issues
PEHM 3090 Basic Games, Dance, and Rhythmic Activities
PEHM 3200 Motor Development and Learning
PEHM 3283 Kinesiology
PEHM 3300 Techniques in Team Sports Instruction
PEHM 3500 Exercise Physiology
PEHM 3700 Techniques in Individual and Dual Sports
PEHM 4000 Measurement and Evaluation in Health and Physical Education
PEHM 4090 Health Education Topics
PEHM 4100 Adaptive Physical Education
PEHM 4333 Principles of Coaching

MGMT 3220 Management
PSYC 3850 Sport Psychology

PEHM 4900 Internship Recreation and Coaching

Choose two of the following four courses:
  PEEC 3120 Coaching Football
  PEEC 3130 Coaching Basketball
  PEEC 3140 Coaching Baseball
  PEEC 3150 Coaching Volleyball

Rationale: Health and Physical Education faculty believe that this course would better prepare students for the work-related jobs in areas such as coaching, recreation, and other related professions.

Effective Term: Fall 2017.

II. College of Health Professions (no items)

III. College of Liberal Arts

A. Art, Music, and Theatre (no items)
B. Criminal Justice, Social, and Political Science

Item 1 from the Department of Criminal Justice, Social, and Political Science was discussed and approved by the committee. It is being submitted to the Faculty Senate for approval.

1. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN POLITICAL SCIENCE

A. General Requirements
   Core Areas A, B, C, D.I, and E  42 hours
   Area F  18 hours
   MATH 2200 Elementary Statistics
   POLS 2100 Introduction to Political Science
   POLS 2200 Introduction to American Government
   One of the following:
      POLS 1150 World Politics
      POLS 1200 Ethics in Government
      POLS 2290 Foundations of International Relations
   Six Nine hours of a foreign language sequence numbered 1002 or above
   Physical Education  3 hours
   First-Year Seminar  1 hour

B. Major Field Courses  36-33 hours

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

American Political Institutions
   POLS 3150 American Supreme Court
   POLS 3160 Judicial Politics and Strategies
   POLS 3980 African Americans & the American Political System
   POLS 3990 Special Topics in Political Science
   POLS 4100 Independent Study in American Government
   POLS 4110 American Presidency
   POLS 4160 American Congress
   POLS 4170 Constitutional Law and the Federal System
   POLS 4171 Constitutional Civil Liberties
   POLS 4190 Environmental Laws and Regulations
   POLS 4210 Politics of Public Policy
   POLS/SOCI 4220 Politics of Economic Inequality
   CRJU/POLS 5500U Law and Legal Process

Political Theory
   POLS 3320 American Political Thought
   POLS 3340 Politics and Ideology in Contemporary Europe
   POLS 3350 Classics of Political Thought
   POLS 3360/SOCI 3360 Social Theory
   POLS 3990 Special Topics in Political Science
   POLS 4300 Religion and Political Thought
   POLS 4330 Liberalism and the Modern State
POLS 5100U Politics and the Visual Arts
POLS 5300U Marxism, Socialism, and Democracy
POLS 5700U Perspectives in Feminist Theory

**International Relations**
POLS 3990 Special Topics in Political Science
POLS 4200 Independent Study in International Relations
POLS 4540 International Political Economy
CRJU/POLS 5130U Political Terrorism
POLS 5140U Asian Regional Security
POLS 5210U International Law
POLS 5220U Theory of International Relations
POLS 5250U International Organizations
POLS 5270U Intelligence and National Security Policy
POLS 5280U Seminar in Global Politics
POLS 5290U American Foreign Policy
POLS 5291U Constitutional Law of Foreign Policy
POLS 5510U Third World National Security
POLS 5530U Global Environmental Politics
POLS 5550U Insurgency and Counterinsurgency
POLS 5570U Politics & Security in Southwest Asia
POLS 5580U Violent Non-State Actors (VNSAs)

**Comparative Politics**
POLS 3990 Special Topics in Political Science
POLS 4400 Independent Study in Comparative Government
POLS 5280U Seminar in Global Politics
POLS 5410U Asia and the United States
POLS 5420U Politics of the Middle East
POLS 5430U African Politics
POLS 5440U Latin American Politics
SOCI/POLS 5450U Political Sociology of Nationalism
POLS 5460U Politics of East Asia
POLS 5490U Russian Politics
CRJU/POLS 5520U Comparative Judicial System
POLS 5560U Comparative Foreign Policy

**Capstone course**  3 hours
POLS 4950 Political Research Methods or CRJU 3100 Research Methods

**Electives**  24 hours
Including a minimum of 15 hours of upper division courses

**Total Semester Hours**  124 hours

**Exit Exam**: Area Concentration Achievement Test in Political Science
G. Liberal Studies (no items)  
H. Honors Program (no items)  

IV. College of Science and Technology  
A. Biology (no items)  
B. Chemistry and Physics (no items)  

C. Computer Science and Information Technology

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

1. Proposal to add ITEC 2010 to Area DI.3. (See Attachment 1)

   **Effective date: Pending BOR approval**

D. Engineering Studies (no items)  
E. Mathematics (no items)  
F. Psychology (no items)  

OTHER BUSINESS

ADJOURNMENT

Respectfully submitted,

Phyllis L. Fulton  
Catalog Editor and Secretary to the Committee
To: CST Curriculum Committee  
Re: Minutes for December 7th, 2016 – CCC e-meeting  
From: Brent Feske, Chair, CST Curriculum Committee

Attended: Brent Feske (chair), Duc Huynh, Leon Jaynes, Chris Williams and Nancy McCarley, Michael Cotrone, and Daniel Liang.

I. Department of Biology  
II. Department of Chemistry and Physics  
III. Department of Computer Science and IT

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)

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)
- 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)
- 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)

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

Please do not delete any pages of this document.

1. Institution:

2. This is a proposal for (mark one box below):

   [ ] Change in an already-approved course only, no change in Area.
   
   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.)

   Course change information:

   From:

   To:

   [x] Placement of a course into the Areas A – E of the Core Curriculum

3. Course Subject (e.g., philosophy): Information Technology, specifically, in Cyber Security

4. Course Prefix and Number (e.g., PSYC 1101): ITEC 2010

5. Course Title as it appears (or will appear) in catalog: Introduction to Cyber Security

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.

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

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 )

[x] Yes

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

| Yes | 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.

#### Area A (English, Mathematics)

- 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.

#### Area B (Institutional Options)

- 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.

#### Area C (Humanities, Fine Arts, Ethics)

- 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.

#### Area D (Natural Sciences, Mathematics, Technology)

- 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 perform cyber security laboratory exercises, collect data, and analyze and interpret the results to determine their effectiveness in protecting individuals against cyber security threats.

If Area D, select appropriate major(s):

| math/science majors |
| health professions majors |
| X non-math/science/health professions majors |

#### Area E (Social Sciences)

- 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).

___X___ 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):

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

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.)
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.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Level or approving body</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/2/2016</td>
<td>Department of Computer Science / IT Curriculum Committee</td>
</tr>
<tr>
<td>12/5/2016</td>
<td>Department of Computer Science / IT</td>
</tr>
<tr>
<td></td>
<td>College of Science and Technology Curriculum Committee</td>
</tr>
<tr>
<td></td>
<td>Armstrong State University Curriculum Committee</td>
</tr>
</tbody>
</table>

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

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

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

- Approved
- Denied
- Withdrawn
- 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.)

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

Please provide the following contact information:

<table>
<thead>
<tr>
<th>VPAA Name:</th>
<th>Dr. Robert Smith</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPAA Email Address:</td>
<td><a href="mailto:Robert.smith@armstrong.edu">Robert.smith@armstrong.edu</a></td>
</tr>
<tr>
<td>VPAA Phone Number:</td>
<td>912-344-2589</td>
</tr>
<tr>
<td>VPAA Mailing Address:</td>
<td>Armstrong State University, 11935 Abercorn St, Savannah, GA 31419 113 Burnett Hall</td>
</tr>
</tbody>
</table>
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.

At the conclusion of this course, students shall be able to

- Develop collegiate-level comprehension of common cyber threats faced today, including cyber stalking, fraud and abuse
- Evaluate the relationships among cyber terrorism, information warfare and industrial espionage in cyberspace
- Demonstrate fundamental knowledge in computer and network security policies as well as interpret and analyze threat model data
- Explain and differentiate how cyber defense methods work in practice (e.g. intrusion detection) and techniques used by hackers
- Develop collegiate-level knowledge of malware, computer viruses, DDOS attacks, and web security
- Demonstrate fundamental knowledge in the area of access control, authentication techniques, and user security

**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.

- **Introduction to computer security** (Week 1 & Week 2) Chapter 1
  - Fundamental concepts
  - Access control model
  - Cryptographic concepts
- **Physical Security** (Week 3) Chapter 2
  - Physical protections and attacks
  - Locks and safes
  - Authentication technologies
  - Direct attacks against computers
  - Physical intrusion detection
- **Threat Models Analysis** (Week 4) Chapter 4
  - Insider attacks
  - Computer viruses
  - Malware attacks
  - Privacy-invasive software
- **Network Security I** (Week 5 & Week 6) Chapter 5
  - Network concepts
  - Denial of service attacks
- **Network Security II** (Week 7 & Week 8) Chapter 6
  - Firewalls
  - Tunneling
  - Intrusion detection
  - Wireless networking security
- **Vulnerabilities Assessments and Techniques Used by Hackers** (Week 9) Lecture notes
  - Introduction and basic terminology
  - Passive and active scanning techniques
  - Actual attacks
- **Vulnerability Analysis for Web-based Applications** (Week 10) Chapter 7
  - The world wide web
  - Attacks on clients
  - Attacks on servers
- Distributed Application and Industrial Control Systems: Analyze Threats Models and Security Techniques (Week 11 & Week 12) Chapter 10
  - Email security
  - Payment system security
  - Digital rights managements
  - Social networking
  - Voting systems
  - SCADA systems

- Analyze and Assess Security Polices (Week 13) Chapter 9
  - User Policies
  - System administration polices
  - Access control
  - Developmental polices

- Cyber Stalking, Fraud and Abuse (Week 14) Lecture notes
  - How internet fraud works
  - Identity theft
  - Cyber stalking
  - Protecting yourself against cyber crime

- Industrial Espionage in Cyberspace (Week 15) Lecture notes
  - What is industrial espionage
  - Information as an asset
  - How does espionage occur?
  - Phone taps and bugs

- Cyber Terrorism and Information Warfare (Week 16) Lecture notes
  - Actual cases of cyber terrorism
  - Supervisory control and data acquisition
  - Information warfare
  - Future trends

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?

- 15% Homework Assignments
- 20% Test 1
- 20% Midterm exam
- 30% Final exam
- 5% Class participation
- 10% Quizzes
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.

Primarily lecture, although homework assignments will include basic lab exercises in cyber security

Potential Textbooks

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

Please do not delete any pages of this document.

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?
   - [ ] Yes
   - [ ] 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.

   - [ ] Area A (English, Mathematics)
   - [ ] Area B (Institutional Options)
   - [ ] Area C (Humanities, Fine Arts, Ethics)
   - [ ] Area D (Natural Sciences, Mathematics, Technology)
     - [ ] math/science majors
     - [ ] health professions majors
     - [ ] non-math/science/health professions majors
   - [ ] Area E (Social Sciences)

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?
- [ ] Yes
- [x] No

Did the advisory committee approve exceptions to the prerequisite rules?
- [ ] Yes
- [ ] 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.

<table>
<thead>
<tr>
<th>Academic Committee:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair name:</td>
<td></td>
</tr>
<tr>
<td>Chair institution:</td>
<td></td>
</tr>
<tr>
<td>Chair daytime phone number:</td>
<td></td>
</tr>
<tr>
<td>Chair email address:</td>
<td></td>
</tr>
</tbody>
</table>

Reminder: After completing this part of the form, please save and send to Barbara.Brown@usg.edu as an email attachment.
Part 3. To be filled out by the Regents’ Advisory Committee on Academic Affairs (*if needed*).

<table>
<thead>
<tr>
<th>Course Title:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institution:</td>
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**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,
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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?**

   - [ ] Yes
   - [ ] No

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

   - [ ] Yes
   - [ ] 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.**

<table>
<thead>
<tr>
<th>Chair name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair institution:</td>
</tr>
<tr>
<td>Chair daytime phone number:</td>
</tr>
</tbody>
</table>
Chair email address:

Reminder: After completing this part of the form, please save and send to Barbara.Brown@usg.edu as an email attachment.
Part 4: To be filled out by the System Liaison for the Council on General Education.

Course Title:  
Institution:  

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

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

- [ ] Approved  
- [ ] Denied  
- [ ] Withdrawn  
- [ ] 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.  

4. Please mark the areas of the Core Curriculum for which the Council on General Education has approved the changed or proposed course. 

- [ ] Area A (English, Mathematics)  
- [ ] Area B (Institutional Options)  
- [ ] Area C (Humanities, Fine Arts, Ethics)  
- [ ] Area D (Natural Sciences, Mathematics, Technology)  
- [ ] math/science majors  
- [ ] health professions majors  
- [ ] non-math/science/health professions majors  
- [ ] Area E (Social Sciences)  

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

<table>
<thead>
<tr>
<th>Liaison name:</th>
<th>Barbara L. Brown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liaison daytime phone number:</td>
<td>404-962-3107</td>
</tr>
<tr>
<td>Liaison email address:</td>
<td><a href="mailto:Barbara.Brown@usg.edu">Barbara.Brown@usg.edu</a></td>
</tr>
</tbody>
</table>

Form last updated 8/11/16

IV. Engineering Studies
V. Department of Mathematics
VI. Department of Psychology