FACULTY CURRICULUM COMMITTEE
SIGNATURE PAGE

- In section A, list ALL of the forms covered by this signature page. If you submit a form that is not listed in A, your proposal will be held back until we receive a new, updated signature page.
- You must obtain the signature of your department chair and dean before submitting your proposal.

A. FORMS COVERED BY THIS SIGNATURE PAGE. List each form you are submitting—for instance, PSYC 383, Course Form; PSYC, Change of Major Form; PSYC, Change of Minor Form.

Course Form EXSC 433
Course Form EXSC 498
Course Form EXSC 320

B. APPROVAL AND SIGNATURES.

1. Signature of Department Chair or Program Director:

   [Signature]

   Date: 12/1/2014

2. Signature of Academic Dean:

   [Signature]

   Date: 12/1/14

3. Signature of Provost:

   [Signature]

   Date: 12/22/14 and __________

4. Signature of Business Affairs (only for course fees):

   [Signature]

   Date: ____________

   □ fee approved on ____________
   □ BOT approval pending

5. Signature of Curriculum Committee Chair:

   [Signature]

   Date: 2/20/2015 and __________

6. Signature of Budget Committee Chair (only for new programs):

   [Signature]

   Date: ____________

7. Signature of Academic Planning Committee Chair (only for new programs):

   [Signature]

   Date: ____________

8. Signature of Faculty Senate Secretary:

   [Signature]

   Date: ____________

Date Approved by Faculty Senate: ____________

12-04-14 P01:41 RCVD
FACULTY CURRICULUM COMMITTEE
CHANGE/DELETE PROGRAM FORM

Instructions:
- Please fill out all of the portions of the form that are specified in section B. You must do this before your request can move forward!
- Remember that your changes will not be implemented until the next catalog year at the earliest.
- If you have questions, please start by checking the detailed instructions on the website.
- Please feel free to contact the committee chair with any remaining questions you might have.

A. CONTACT INFORMATION.

Name: William R. Barfield Phone: 843 953 6746 Email: barfieldw@cofc.edu

School: School of Education Department or Program: Health and Human Performance, Exercise Science

Name and Acronym of Major: EXSC

B. CATEGORY OF REVIEW. Please check all that apply, then fill out the specified parts of the form.

☐ Change Request (fill out all sections)
  ☑ Add an existing course to requirements or electives
  ☐ Add a new course to requirements or electives (attach completed course form for each)
  ☐ Delete courses from requirements or electives
  ☐ Add or modify concentration*
  ☐ Add or modify cognate*

*Note: Only concentrations and cognates requiring 18 or more credit hours will be tracked in Banner and Degree Works and noted on the transcript.

☐ Terminate Program (fill out E, G, H, and I)
  ☐ Terminate degree
  ☐ Terminate major
  ☐ Terminate concentration
  ☐ Terminate cognate

C. GENERAL INFORMATION

Number of Current Credit Hours (for existing program): 48 including Core and Directed Electives
Number of Proposed Credit Hours (for changed program): 47 including Core and Directed Electives
Catalog Year in which changes will take effect: FALL 2015

D. CURRICULUM. Please list every change you are making below AND attach the current Program of Study Worksheet for this major (http://registrar.cofc.edu/program-of-study-resources/program-of-study-worksheets/index.php) with changes marked in RED. Additions should show where the course will be inserted, deletions should be noted by crossing out the course, and moves indicated with arrows. Distinguish between required and elective courses, and note any prerequisites, co-requisites, sequencing, or other restrictions. Provide the catalog description and course list exactly as they should appear in the catalog. For each new course, submit the Curriculum Committee’s Course Form and a sample syllabus.

This form was last updated on 6/6/2013 and replaces all others.
(1) EXSC 320 Special Topics. We are requesting that this class be repeatable up to 9 hours.

(2) EXSC 433 Research Design and Analysis. We are requesting that the prerequisites be eliminated for this class.

(3) EXSC 498 Capstone Experience in Exercise Science is a 2 credit course and will be removed from the core classes.

(4) EXSC 497 Mentored Research addition to the directed electives in exercise science

(5) HEAL 350 Epidemiology delete from the exercise science directed electives

Catalog description:
Mentored research will be a class designed to allow for student growth, knowledge and experiences in an applied setting outside the traditional classroom environment. Research areas will include fitness, wellness, cardiac rehabilitation, animal research, and strength and conditioning. Student work may include animal care and/or harvesting specimens needed to answer the research question.

E. RATIONALE AND EXPLANATION. Please provide a narrative addressing the request you are making and why you are making it.

(1) EXSC 320 would be repeatable 3 times. Each of the EXSC 320 classes will be related to the exercise science curriculum, but the topics and subject matter will be different. For example, spring semester 2015 there are two EXSC 320 classes being taught. (1) Introduction to Exercise Genetics and (2) Analysis and Conduct of Exercise Leadership. HEAL 442 Healthy Aging is an example of a former 320 class that is now part of the directed electives list.

(2) The rationale for eliminating the prerequisites in EXSC 433 is two-fold. We have students that need to enroll in EXSC 330 and EXSC 340 concurrent with EXSC 433. Part of the reasoning is because we have had a large influx of exercise science majors and in order to progress them toward graduation we have requested exceptions in semesters past so students could enroll in either EXSC 330 or EXSC 340 and EXSC 433 simultaneously. The second reason to eliminate the prerequisites is when students preregister for EXSC 433 one semester and are presently taking either EXSC 330 or EXSC 340 they are blocked from registering for EXSC 433 since they have not satisfied that requirement.

(3) We are requesting elimination of EXSC 498 Capstone Experience in Exercise Science out of the Exercise Science core.

(4) We are proposing a new class EXSC 497-Mentored Research that will be used to satisfy the intent of EXSC 498-Capstone as a culminating experience for students in exercise science. The reason why would like to make this change is the immense increase in exercise science students. Originally EXSC 498 was developed to provide students a culminating experience in exercise sciences. However, we feel that due to the large number of exercise science students we are restricted in providing this experience. To enable students to have a better culminating experience we will require them to take at least one of the following four directed electives:
1. EXSC 438 Advanced Topics in Resistance Training and Conditioning
2. EXSC 439 Advanced Topics in Exercise Physiology
3. EXSC 444 Scientific Writing and Data Analysis
4. EXSC 497 Mentored Research

This form was last updated on 6/6/2013 and replaces all others.
(5) We are requesting the elimination of HEAL 350 Epidemiology from the exercise science directed electives list because of the prerequisite-Introduction of Public Health. Prior to the maturation of the Public Health (PH) major exercise science students were overridden into HEAL 350 since there were not large numbers in the PH major. Now that there are large numbers in PH exercise students cannot get overridden into the epidemiology class ergo the request to delete HEAL 350 from the directed electives list.

**F. STUDENT LEARNING OUTCOMES AND ASSESSMENT.**

<table>
<thead>
<tr>
<th>Student Learning Outcomes</th>
<th>Assessment Method and Performance Expected</th>
</tr>
</thead>
<tbody>
<tr>
<td>What will students know and be able to do when they complete the major or program?</td>
<td>How will each outcome be measured? Who will be assessed, when, and how often? How well should students be able to do on the assessment?</td>
</tr>
<tr>
<td><strong>Student Learning Outcomes</strong></td>
<td><strong>Assessment Method and Performance Expected</strong></td>
</tr>
<tr>
<td>What will students know and be able to do when they complete the course?</td>
<td>How will each outcome be measured? Who will be assessed, when, and how often? How well should students be able to do on the assessment?</td>
</tr>
<tr>
<td>1. Complete research in the area that was initiated in EXSC including, but not limited to recruitment of subjects, data capture, appropriate statistical analysis and preparation of work for presentation/publication.</td>
<td>Students will need to write a report regarding the research they conducted. The report is due during the final exam week or earlier. The date will be set by the faculty supervisor.</td>
</tr>
<tr>
<td>2. Critically analyze research in the field of exercise science, including, but not limited to, a) reading and dissecting a research article, b) assessing the methods and materials of a research manuscript, and c) determining if the discussion section is supported by the research findings</td>
<td>Students will need to write a report regarding the research covering the content under learning outcome 2. The report is due during the final exam week or earlier. The date will be set by the faculty supervisor.</td>
</tr>
<tr>
<td>3. Explain the important contributions the exercise sciences make to preventative healthcare.</td>
<td>Students will need to write a report regarding the research covering the content under learning outcome 3. The report is due during the final exam week or earlier. The date will be set by the faculty supervisor.</td>
</tr>
<tr>
<td>4. Describe some of the primary professional issues and concerns that are currently affecting exercise scientists.</td>
<td>Students will need to write a report regarding the research covering the content under learning outcome 4. The report is due during the final exam week or earlier. The date will be set by the faculty supervisor.</td>
</tr>
</tbody>
</table>

Additional Outcomes or Comments:
G. IMPACT ON EXISTING PROGRAMS AND COURSES. Please describe the impact of this request on other programs and courses. If you are deleting a program, please describe the effect on all programs that will be impacted; if you are adding or changing a program, please explain any overlap with existing programs at the College.

N/A

H. COSTS ASSOCIATED WITH THE REQUESTED ACTION. List all of the new costs or cost savings (including new faculty/staff requests, library, or equipment) associated with your request.

There will be no new costs and no cost savings.

I. CHECKLIST

☐ I have completed all relevant parts of the form.

☐ I have attached a cover letter that describes my request and lists all the documents I am submitting.

☐ I have attached a Course Form for each newly-created or modified course.

☐ (For proposals that affect other departments in any way) I have attached an acknowledgement from the relevant department.

☐ I have provided the complete curriculum for the program, concentration, emphasis, etc., including the description and course list, exactly as it should appear in the catalog.

☐ I have submitted one Signature Form that lists all of the different forms I am submitting.
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 334</td>
<td>Technical Writing (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 366</td>
<td>Studies in Writing, Rhetoric &amp; Language (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 466</td>
<td>Senior Seminar in Writing, Rhetoric and Language (3) PR: ENGL 110 or equivalent; open to seniors, with instructor permission</td>
</tr>
</tbody>
</table>

**Category 3: Theme, Genre or Author-Centered Approaches:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 302</td>
<td>Shakespeare (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 304</td>
<td>Chaucer (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 306</td>
<td>Milton (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 320</td>
<td>Young Adult Literature (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 327</td>
<td>The British Novel I (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 328</td>
<td>The British Novel II (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Restoration and 18th Century Drama (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 345</td>
<td>19th-Century American Poetry (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 349</td>
<td>American Novel to 1900 (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 350</td>
<td>Major Authors (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Studies in Contemporary British Literature (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 360</td>
<td>Major Literary Themes (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 370</td>
<td>Major Literary Genres (3) PR: ENGL 110 or equivalent</td>
</tr>
<tr>
<td>ENGL 460</td>
<td>Senior Seminar in Major Literary Themes (3) PR: ENGL 110 or equivalent; open to seniors, with instructor permission</td>
</tr>
<tr>
<td>ENGL 470</td>
<td>Senior Seminar in Major Literary Genres (3) PR: ENGL 110 or equivalent; open to seniors, with instructor permission</td>
</tr>
<tr>
<td>ENGL 450</td>
<td>Senior Seminar in Major Authors (3) PR: ENGL 110 or equivalent; open to seniors, with instructor permission</td>
</tr>
</tbody>
</table>

**Notes:**
- For English majors, ENGL 201, 202 and 207 are pre-requisites for all courses at or above the 300-level.

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**Exercise Science Major Requirements**

**Degree:** Bachelor of Science  
**Credit Hours:**  

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult http://registrar.cofc.edu/general-edu for more information.

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 201</td>
<td>Human Physiology (4) PR: BIOL 111/111L; BIOL 112/112L</td>
</tr>
<tr>
<td>BIOL 202</td>
<td>Human Anatomy (4) PR: BIOL 111/111L; BIOL 112/112L</td>
</tr>
<tr>
<td>MATH 104</td>
<td>Elementary Statistics (3) PR: MATH 101 or placement</td>
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<tr>
<td>OR</td>
<td></td>
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<tr>
<td>MATH 250</td>
<td>Statistical Methods (3) PR: MATH 105 with a C- or better or MATH 111 or MATH 120 or instructor permission</td>
</tr>
</tbody>
</table>

**Core Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXSC 201</td>
<td>Introduction to Health and Human Performance (cross-listed with PEHD 201) (3) PR: None</td>
</tr>
<tr>
<td>EXSC 210</td>
<td>Concepts in Fitness Assessment and Exercise Prescription (3) PR: None</td>
</tr>
<tr>
<td>EXSC 330</td>
<td>Kinesiology (3) PR: BIOL 202, EXSC 201 or PEHD 201</td>
</tr>
<tr>
<td>EXSC 340</td>
<td>Exercise Physiology and Lab (4) PR: BIOL 201; EXSC 201 or PEHD 201</td>
</tr>
<tr>
<td>EXSC 433</td>
<td>Research Design &amp; Analysis (3) PR: EXSC 330, EXSC 340, MATH 104 or 250</td>
</tr>
<tr>
<td>EXSC 440</td>
<td>Biomechanics (3) PR: EXSC 201 or PEHD 201; EXSC 330, PHYS 101</td>
</tr>
<tr>
<td>EXSC 498</td>
<td>Capstone in Exercise Science (2) PR: EXSC 493, permission of instructor</td>
</tr>
<tr>
<td>PEHD 458</td>
<td>Organization and Administration in Health and Human Performance (3) PR: Senior standing; EXSC 201 or PEHD 201</td>
</tr>
</tbody>
</table>

**24 credit hours selected from the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEP 365</td>
<td>General Medical Conditions in Athletics (3) PR: ATEP 345, BIOL 201; or instructor permission</td>
</tr>
<tr>
<td>ATEP 430</td>
<td>Therapeutic Exercise (3) PR: ATEP 245, ATEP 345, EXSC 330, BIOL 201, BIOL 202; or BIOL 201;</td>
</tr>
</tbody>
</table>
Major Requirements

BIOL 202; EXSC 201; EXSC 330; or instructor permission CO: ATEP 430L

ATEP 430L Therapeutic Exercise Lab (1) CO: ATEP 430
ATEP 437 Therapeutic Modalities (3) PR: ATEP 245 or EXSC 201; ATEP 345; CO: ATEP 437L
ATEP 437L Therapeutic Modalities Lab (1) CO: ATEP 437
EXSC 320 Special Topics in Exercise Science (3) PR: Junior standing
EXSC 401 Independent Study (3) PR: EXSC 201 or PEHD 201; instructor permission
EXSC 438 Advanced Topics in Resistance Training and Conditioning (3) PR: BIOL 201, 202, EXSC 340; or instructor permission.
EXSC 439 Advanced Topics in Exercise Physiology (3) PR: EXSC 340; or instructor permission.
EXSC 444 Scientific Writing and Data Analysis (3) PR: Senior standing
HEAL 216 Personal & Community Health (3) PR: None
HEAL 333 Sports and Exercise Nutrition (3) PR: BIOL 201
HEAL 350 Epidemiology (3) PR: HEAL 216
HEAL 442 Healthy Aging (3) PR: Junior standing, BIOL 201, BIOL 202; or instructor or department chair permission
PEHD 235 Motor Learning (3) PR: None
PEHD 355 Sports Psychology (3) PR: EXSC 201 or PEHD 201; PSYC 103

Cognate Requirement (12 credit hours - 8 credit hours of CHEM and 4 credit hours of PHYS or 4 credit hours of CHEM and 8 credit hours of PHYS)

CHEM 111 Principles of Chemistry (3) PR or CO: Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite. CO: CHEM 111L
CHEM 111L Principles of Chemistry Lab (1) CO: CHEM 111
OR
CHEM 101 General Chemistry (3) PR: None; CO: CHEM 101L
CHEM 101L General Chemistry Lab (1) CO: CHEM 101
PHYS 101 Introductory Physics (3) PR: None; CO: PHYS 101L
PHYS 101L Introductory Physics Lab (1) CO: PHYS 101
AND
CHEM 102 Organic and Biological Chemistry (3) PR: CHEM 101 and 101L or CHEM 111 and 111L; CO: CHEM 102L
CHEM 102L Organic and Biological Chemistry Lab (1) PR: None; CO: CHEM 102.
OR
CHEM 112 Principles of Chemistry (3) PR: CHEM 111 and 111L; CO: CHEM 112L
CHEM 112L Principles of Chemistry Lab (1) CO: CHEM 112
OR
PHYS 102 Introductory Physics (3) PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L
PHYS 102L Introductory Physics Lab (1) CO: PHYS 102

Finance Major Requirements

Degree: Bachelor of Science
Credit Hours: 60+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult http://registrar.cofc.edu/general-edu for more information.

Required Courses

ACCT 203 Financial Accounting (3) PR: Sophomore standing
ACCT 204 Managerial Accounting (3) PR: Sophomore standing; ACCT 204
BLAW 205 Legal Environment of Business (3) PR: Sophomore standing
DSCI 232 Business Statistics (3) PR: MATH 104 or 250
DSCI 304 Production and Operations Management (3) PR: Junior standing; DSCI 232, MGMT 301, MATH 103 or 250, MATH 105 or 120
Also below is how I’ll write the elective requirements in the catalog, mirroring the presentation for other programs that have similar elective requirements:

**Complete 3 credit hours from the following directed electives:**
EXSC 438  Advanced Topics in Resistance Training and Conditioning (3) *PR: BIOL 201, 202; EXSC 340; or instructor permission.*
EXSC 439  Advanced Topics in Exercise Physiology (3) *PR: EXSC 340; or instructor permission.*
EXSC 444  Scientific Writing and Data Analysis (3) *PR: Senior standing*
EXSC 497  Mentored Research (3) *PR:*

**Complete 21 credit hours of directed electives from the following:**

---

ATEP 365  General Medical Conditions in Athletics (3) *PR: ATEP 345; BIOL 201; or instructor permission*
ATEP 430  Therapeutic Exercise (3) *PR: ATEP 245; ATEP 345; EXSC 330; BIOL 201; BIOL 202; or BIOL 201; BIOL 202; EXSC 201; EXSC 330; or instructor permission; CO: ATEP 430L*
ATEP 430L  Therapeutic Exercise Lab (1) *CO: ATEP 430*
ATEP 437  Therapeutic Modalities (3) *PR: ATEP 245 or EXSC 201; ATEP 345; CO: ATEP 437L*
ATEP 437L  Therapeutic Modalities Lab (1) *CO: ATEP 437*
EXSC 320  Special Topics in Exercise Science (3) *PR: Junior standing*
EXSC 438*  Advanced Topics in Resistance Training and Conditioning (3) *PR: BIOL 201, 202; EXSC 340; or instructor permission.*
EXSC 439*  Advanced Topics in Exercise Physiology (3)
**EXSC 401** Independent Study (3) **PR:** EXSC 201 or PEHD 201; *instructor permission*

**EXSC 444** Scientific Writing and Data Analysis (3) **PR:** *Senior standing*

**EXSC 497** Mentored Research (3) **PR:** ????

**HEAL 216** Personal & Community Health (3) **PR:** None

**HEAL 333** Sports and Exercise Nutrition (3) **PR:** BIOL 201

**HEAL 350** Epidemiology (3) **PR:** HEAL 215

**HEAL 442** Healthy Aging (3) **PR:** BIOL 201, 202, and *junior standing*

**PEHD 235** Motor Learning (3) **PR:** None

**PEHD 355** Sports Psychology (3) **PR:** EXSC 201 or PEHD 201; PSYC 103; *instructor permission*

*Note: If not used to satisfy above requirement.*
FACULTY CURRICULUM COMMITTEE
 COURSE FORM

Instructions:
- Please fill out one of these forms for each course you are adding, changing, deactivating, or reactivating.
- Fill out the parts of the form specified in part B. You must do this before your request can move forward!
- Remember that your changes will not be implemented until the next catalog year at the earliest.
- If you have questions, start by checking the instructions on the website. Please feel free to contact the committee chairs with any remaining questions you might have.

A. CONTACT/COURSE INFORMATION.

Name: William R. Barfield       Phone: 953.6746       Email: barfieldwr@cofc.edu

Department or Program: Health & Human Performance       School: EHHP

Subject Acronym and Course Number: EXSC 497-Mentored Research

Catalog Year in which changes will take effect: FALL 2015

B. TYPE OF REQUEST. Please check all that apply, then fill out the specified parts of the form.

X Add a New Course (complete parts C, D, F, G, H, I, J)
☐ Change Part of an Existing Course (complete parts C, D, E, F, G, I, J)

☐ Course Number (you must submit a course deactivation request for the old course number)
☐ Course Name
☐ Course Description
☐ Credit/Contact Hours
☐ Restrictions (prerequisites, co-requisites, junior/senior standing, etc.)
☐ Reactivate an Existing Course (complete parts C, D, E, G, I, J)

C. RATIONALE AND EXPLANATION. Please describe your request and explain why you are making it.

We (exercise science faculty) are proposing adding EXSC 497-Mentored Research, which will replace EXSC 498-Capstone. EXSC 497-Mentored Research will be one of 4 classes all students in exercise science will be required to complete as part of the directed electives list. One of these 4 classes will satisfy the culminating experience in exercise science. The other 3 classes are EXSC 439-Advanced Topics in Exercise Science, EXSC 438-Advanced Topics in Resistance Training and Conditioning and EXSC 433-Scientific Writing and Data Analysis.

D. IMPACT ON EXISTING PROGRAMS AND COURSES. Please briefly describe the impact of your request on your own programs and courses as well other programs and courses. If another program requires the course, you must submit their written acknowledgement with this proposal. Also, the affected program must describe any change in the number of credit hours they require. Include a list of similar courses in other departments and explain any overlap.

There will be minimal to no impact on the exercise science curriculum, other than a one hour increase. EXSC 498-Capstone was a 2 hour class. EXSC 497-Mentored Research will be a 3 hour class.
EXISTING COURSE INFORMATION. If you are proposing a new course, just leave this blank. Otherwise, please fill out all fields.

Department: 
School: 
Subject Acronym: 
Course Number: 

Credit hours: _ lecture _ lab _ seminar _ independent study
Contact hours: _ lecture _ lab _ seminar _ independent study

Course title: Mentored Research

Course description (maximum 50 words, exactly as it appears in the catalog):

Restrictions (pre-requisites, co-requisites, majors only, etc.): None

Cross-listing, if any:

Is this course repeatable? □ yes □ no If yes, how many total credit hours may the student earn? ____

E. NEW COURSE INFORMATION. If you are deactivating a course, leave this blank. Otherwise, please fill out all fields. For changed courses, use **boldface** for the information that is changing.

Department: HHP 
School: EHHP 
Subject Acronym: EXSC 
Course Number: 497

Credit hours: _ lecture _ lab _ seminar _ independent study
Contact hours: _ lecture _ lab _ seminar _ independent study

Course title: Mentored Research

Course description (maximum 50 words, exactly as it appears in the catalog):
Mentored research will be a class designed to allow for student growth, knowledge and experiences in an applied setting outside the traditional classroom environment. Research areas will include fitness, wellness, cardiac rehabilitation, animal research, and strength and conditioning. Student work may include animal care and/or harvesting specimens needed to answer the research question.

Restrictions (pre-requisites, co-requisites, majors only, etc.): None

If this is a newly-created course, is it intended to be the equivalent of an existing course? X yes □ no
If so, which course? EXSC 498

If equivalent, will the newly-created course replace the existing course? X yes □ no
Note: If yes, you must deactivate that course by submitting an additional Course Form.

Cross-listing, if any (submit approval from relevant department): _______________
Note: Cross-listed courses are equivalent.

Is this course repeatable? □ yes X no If yes, how many total credit hours may the student earn? ____

Is there an activity, lab, or other fee associated with this course? □ yes X no What is the fee? $____
Note: The Senate cannot approve new fees; Business Affairs will submit any such request to the Board of Trustees. The course can still be created, but the fee will not be attached until the Board has approved it.

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This form was last updated on 12/13/13 and replaces all others.
F. COSTS. List all of the new costs or cost savings (including new faculty/staff requests, library, equipment, etc.) associated with your request.

None

H. STUDENT LEARNING OUTCOMES AND ASSESSMENT.

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>What will students know and be able to do when they complete the course?</td>
<td>How will each outcome be measured? Who will be assessed, when, and how often? How well should students be able to do on the assessment?</td>
</tr>
<tr>
<td>1. Students will be involved in the research process including submitting an IRB request</td>
<td>This objective will be measured by successful completing and approval of the IRB request for human and/or animal research</td>
</tr>
<tr>
<td>2. Students will complete the basic online CITI training module</td>
<td>This objective will be measured by documentation of completion of the CITI training module with a certification of completion.</td>
</tr>
<tr>
<td>3. Students will participate in the design and implementation of the research protocol</td>
<td>This objective will be measured qualitatively by the mentees professor and through completion of the protocol as part of the IRB application process.</td>
</tr>
<tr>
<td>4. Students will participate in data collection, management and basic statistical analysis</td>
<td>This objective will be measured by the mentor throughout the research process in a qualitative way.</td>
</tr>
</tbody>
</table>

How does this course align with the student learning outcomes articulated for the major, program, or general education? What program-level outcome or outcomes does it support? Is the content or skill introduced, reinforced, or demonstrated in this course?

This course aligns well with the major in exercise science and will be one of 4 classes students are required to complete as part of the directed electives in exercise science. The skills introduced in earlier exercise science classes will be reinforced and demonstrated in EXSC 497.

I. PROGRAM CHANGES. Will this course be added to the existing degree requirements or list of approved electives of a major, minor, or concentration? X yes ☐ no

If yes, please attach a Change Minor and/or Change Major/Program Form as appropriate.
J. CHECKLIST.

X I have completed all relevant parts of the form.

X I have attached a cover letter that describes my request and lists all the documents I am submitting.

X (For new courses only) I have attached a syllabus.

☐ (For courses used in any way by other departments, including cross-listing) I have attached an acknowledgement from the relevant department.

☐ (For courses intended to fulfill a Gen Ed requirement) I have submitted the proposal to the Gen Ed committee.

☐ I have submitted one Signature Form that lists all of the different forms I am submitting.
College of Charleston

EXSC 497 Mentored Research

Fall 2015

Instructor: William R. Barfield, Ph.D.
Office: Silcox 213
Office Hours: NA
Telephone: office (843)-953-6746; cell (843) 452-4818 (daytime hours only please, unless urgent)
Electronic mail: barfieldw@cofc.edu

Class locations: variable on- and off-campus locations

**Objective:** The mentored research experience is designed to allow for student growth by helping them combine their knowledge and experiences in an applied setting outside the traditional classroom environment. Students will complete research in a variety of settings including wellness, cardiac rehabilitation, research, strength and conditioning, animal research and other exercise, health, and fitness-related endeavors. The general expectation is 9 hours per week for a 3 credit hours. Students may be involved in activities such as: animal prep for surgery, and harvesting the specimens needed for analysis. Students will develop an intimate understanding about the research processes and challenges associated with human and animal research. Activities will include IRB applications, CITI training, data collection and analysis.

**Course meeting time:** variable

**Prerequisite:** None, but mentored research will typically follow and independent study and in most cases EXSC 433-Research Methods.

**Learning objectives**- Specific to site, experiences, and faculty mentors’ requirements.

**Evaluation and course Requirements**-

Students will be evaluated based on the extent to which they meet the requirements stipulated in the agreement with their site supervisor and faculty mentor (see below)

**Student responsibilities:** See attached narrative.

**Policies**

*College of Charleston Student Handbook:* This is a guide to your responsibilities and rights as a student. If you are not familiar with this document, please take the
time to review the information contained within the handbook.
www.cofc.edu/studentaffairs/general_info/studenthandbook.html.

Academic Honesty- Please refer to the current College of Charleston Student Handbook for the definition of academic dishonesty and the subsequent penalties. Faculty members are required to report violations of the Honor Code to the Office of Student Affairs. If you are found guilty of an honor code violation your grade in the class will be XF and will be so indicated on your transcript. Students at College of Charleston are expected to be at all times in compliance with the Honor Code. Scholastic dishonesty will not be tolerated in this course. Examples of cheating include giving or receiving aid during examinations, using any type of crib sheet, copying from or looking to another exam, or submitting another’s work as your own.

Classroom/Field Behavior- Students at the College of Charleston are expected to be at all times in compliance with the Honor Code. Failure to abide with this code will not be tolerated in this course. Examples of inappropriate classroom/field behavior include behaviors that disrupt instruction by the professor and/or learning of classmates and behaviors that threaten, harass, or discriminate against others. Students who engage in inappropriate classroom/field behavior will be asked to leave, will receive no credit for attendance and activities for that day, and must meet with the instructor prior to returning to the next class meeting. Severe cases of inappropriate behavior will be referred to the office of the Dean of Students for appropriate disciplinary action.

Disability- In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to “reasonable accommodations.” Please notify the instructor during the first week of class of any accommodations needed for the course.
FACULTY CURRICULUM COMMITTEE
COURSE FORM

Instructions:
• Please fill out one of these forms for each course you are adding, changing, deactivating, or reactivating.
• Fill out the parts of the form specified in part B. You must do this before your request can move forward!
• Remember that your changes will not be implemented until the next catalog year at the earliest.
• If you have questions, start by checking the instructions on the website. Please feel free to contact the committee chairs with any remaining questions you might have.

A. CONTACT/COURSE INFORMATION.

Name: Bill Barfield Phone: 3-6746 Email: barfieldw@cofc.edu

Department or Program: Health & Human Performance School: School of Education, Health & Human Performance

Subject Acronym and Course Number: EXSC 320

Catalog Year in which changes will take effect: FALL 2015

B. TYPE OF REQUEST. Please check all that apply, then fill out the specified parts of the form.

☐ Add a New Course (complete parts C, D, F, G, H, I, J)
☒ Change Part of an Existing Course (complete parts C, D, E, F, G, I, J)
  ☐ Course Number (you must submit a course deactivation request for the old course number)
  ☐ Course Name
  ☐ Course Description
  ☒ Credit/Contact Hours
  ☐ Restrictions (prerequisites, co-requisites, junior/senior standing, etc.)
☒ Deactivate an Existing Course (complete parts C, D, E, G, I, J)
☐ Reactivate a Previously-Deactivated Course (complete parts C, D, E, G, I, J)

C. RATIONALE AND EXPLANATION. Please describe your request and explain why you are making it.

We offer many topics under the title EXSC 320 (Special Topics in Exercise Science). The course is currently limited to allow only 6 credits be applied to the directed elective requirements in exercise science. The students will get more exposure to diverse topics of application to exercise science if the course can be repeated up to 9 credits and apply to the directed elective requirements.

D. IMPACT ON EXISTING PROGRAMS AND COURSES. Please briefly describe the impact of your request on your own programs and courses as well other programs and courses. If another program requires the course, you must submit their written acknowledgement with this proposal. Also, the affected program must describe any change in the number of credit hours they require. Include a list of similar courses in other departments and explain any overlap.

No impact. Will allow students more options to fulfill directed elective requirements.

This form was last updated on 12/13/13 and replaces all others.
E. EXISTING COURSE INFORMATION. If you are proposing a new course, just leave this blank. Otherwise, please fill out all fields.

Department: Health & Human Performance School: Education, Health & Human Performance
Subject Acronym: EXSC Course Number: 320

Credit hours: ___ lecture ___ lab ___ seminar ___ independent study
Contact hours: ___ lecture ___ lab ___ seminar ___ independent study

Course title: Special Topics in Exercise Science

Course description (maximum 50 words, exactly as it appears in the catalog):

A course designed to cover and supplement a variety of topics not otherwise offered in the list of directed electives in exercise science. Topics of interest to students and faculty will be offered on a rotating random basis according to interest.

Restrictions (pre-requisites, co-requisites, majors only, etc.): Junior Standing

Cross-listing, if any:

Is this course repeatable? □ yes □ no If yes, how many total credit hours may the student earn? ___6___

F. NEW COURSE INFORMATION. If you are deactivating a course, leave this blank. Otherwise, please fill out all fields. For changed courses, use **boldface** for the information that is changing.

Department: Health & Human Performance School: Education, Health & Human Performance
Subject Acronym: EXSC Course Number: 320

Credit hours: ___ lecture ___ lab ___ seminar ___ independent study
Contact hours: ___ lecture ___ lab ___ seminar ___ independent study

Course title: Special Topics in Exercise Science

Course description (maximum 50 words, exactly as it appears in the catalog): **A course designed to cover and supplement a variety of topics not otherwise offered in the list of directed electives in exercise science. Topics of interest to students and faculty will be offered on a rotating random basis according to interest.**

Restrictions (pre-requisites, co-requisites, majors only, etc.): Junior Standing

If this is a newly-created course, is it intended to be the equivalent of an existing course? □ yes □ no
If so, which course? ________________

If equivalent, will the newly-created course replace the existing course? □ yes □ no

Note: If yes, you must deactivate that course by submitting an additional Course Form.

This form was last updated on 12/13/13 and replaces all others.
Cross-listing, if any (submit approval from relevant department): __________________

Note: Cross-listed courses are equivalent.

Is this course repeatable? X □ yes □ no If yes, how many total credit hours may the student earn? __9__

Is there an activity, lab, or other fee associated with this course? □ yes X □ no What is the fee? $____

Note: The Senate cannot approve new fees; Business Affairs will submit any such request to the Board of Trustees. The course can still be created, but the fee will not be attached until the Board has approved it.

G. COSTS. List all of the new costs or cost savings (including new faculty/staff requests, library, equipment, etc.) associated with your request.

None

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<thead>
<tr>
<th>Student Learning Outcomes</th>
<th>Assessment Method and Performance Expected</th>
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<tr>
<td>What will students know and be able to do when they complete</td>
<td>How will each outcome be measured?</td>
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<td>the course?</td>
<td>Who will be assessed, when, and how often?</td>
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<td>How well should students be able to do on</td>
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How does this course align with the student learning outcomes articulated for the major, program, or general education? What program-level outcome or outcomes does it support? Is the content or skill introduced, reinforced, or demonstrated in this course?
I. PROGRAM CHANGES. Will this course be added to the existing degree requirements or list of approved electives of a major, minor, or concentration? □ yes x □ no

If yes, please attach a Change Minor and/or Change Major/Program Form as appropriate.

J. CHECKLIST.

☐ I have completed all relevant parts of the form.

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