## Notice

Complete and correct proposals/packages were placed on this agenda in the order in which they were received and availability of time.

The Committee devotes the necessary time to thoroughly review each package; therefore, presentation times are approximate and may vary. Your patience is appreciated.

### Minutes Approval Date:

03-19-2018

## Section I - Meeting Agenda

<table>
<thead>
<tr>
<th>Agenda Items*</th>
<th>Call to Order/Announcements</th>
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<tr>
<td>I.</td>
<td>Reserve March 15th for an additional meeting to review more curriculum packages ahead of the catalog deadline.</td>
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| II.           | Harriot College of Arts and Sciences  
Department of English  
(Donna Kain)  
1. Revision of an Existing Certificate: [Business and Technical Communication Certificate](Level 3) | 2:10 |
| III.          | Harriot College of Arts and Sciences  
Interdisciplinary Programs  
(Tuan Tran)  
1. Renumbering an Existing Course: [NEUR 4201 to 2201](Level 3) | 2:30 |
IV. College of Health and Human Performance
   Department of Health Education and Promotion (Susanne Raedeke)
   1. Memorandum of Request (Level 1)
   2. Deletion of Existing Courses: HLTH 2900, 3550, 4305, 4324, 4326 (Level 1)
   3. Revision of Existing Courses: HLTH 3030, 4200 (Level 1)

V. College of Health and Human Performance
   Department of Kinesiology (Kandy Houmard)
   1. Memorandum of Request (Level 3)
   2. Proposal of a New Course: KINE 4900 (Level 1* - also requires Faculty Senate Review)
   3. Revision of Existing Courses: KINE 4807, 4809 (Level 1)
   4. Revision of an Existing Degree: Exercise Physiology, BS (Level 3)

VI. College of Engineering and Technology
    Department of Technology Systems (Chuck Lesko)
    1. Proposal of an Accelerated Bachelors/Masters Degree:
       Network Technology, MS (Level 2)

Course Substitution Project (Level 1)

- Update on memorandum to impacted units.
- Vote on all submitted packages:

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**New Business**

- Proposed revisions to Part VI, Section VII of the Faculty Manual will be presented by Rita Reaves.

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**Section II - Meeting Minutes**

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I. Call to Order/Announcements

- Reserve March 15th for an additional meeting to review more curriculum packages ahead of the catalog deadline.

Jon-Luc called the meeting to order at 2:00.

II. Harriot College of Arts and Sciences
Department of English
(Donna Kain)

1. Revision of an Existing Certificate: Business and Technical Communication Certificate (Level 3)

   1. No changes required.

Action: Spalding and Kidd moved to approve the package, and Richardson seconded.

III. Harriot College of Arts and Sciences
Interdisciplinary Programs
(Tuan Tran)
1. Renumbering an Existing Course: **NEUR 4201 to 2201** *(Level 1)*

1. Dr. Tran explained that the request to rename NEUR 4201 would make the title broader, and that it would allow the content to capture different types of research and not be restricted to Cellular and Molecular neuroscience. The request was to change the title, revise the description, and revise prerequisites so that freshmen are able to register for the course. Currently, freshmen or sophomore students have to be given administrative approval to take the course, and the students need to get into research as early as possible. Revising the repeatability of the course would also allow faculty to mentor research students with projects that take more than one semester. That change would result in one course to cover it all and remove the vagueness that can arise by taking a different course every semester.

2. Discussion:

1. Suggestion: when we look at course attributes in the lecture/lab/studio hours section, suggest a minimum of three lab hours per week per credit hour. Specify a minimum. It will fit better with the definition of variable course hours.

2. Student Learning Objectives: change "gain an appreciation for brain development" to something more observable, measurable. Suggest changing to something like, "Identify biology of the brain or Describe brain development"

3. Primary contact hours: confirmed that it is between 6 and 9. The form doesn't allow that range, but it is specified in the Lecture/Lab/Studio hours field.

4. Method of Delivery: Uncheck DE (08) and (07) remote site, because the course is not carried out that way currently, nor will it be in the future.
Action: Vail-Smith moved to approve the proposal as amended, and Richardson seconded.

Decision
☐ Approve
☑ Approve with Amendments
☐ Tabled (returned to originator)

IV. College of Health and Human Performance
   Department of Health Education and Promotion
   (Susanne Raedeke)

Dr. Raedeke explained that the majority of the proposed changes are for catalog clean-up. The five courses to be deleted were part of the School of Health (which was discontinued in 2015). The two course revisions are to clean up the course prerequisites.

1. Memorandum of Request (Level 1)
   1. No changes requested.

2. Deletion of Existing Courses: HLTH 2900, 3550, 4305, 4324, 4326 (Level 1)
   1. HLTH 3550 is a prerequisite in HLTH 4323, and HLTH 4323 is not being revised at this time because it is going to be deleted (though that action is currently on hold).

3. Revision of Existing Courses: HLTH 3030, 4200 (Level 1)
   1. No changes requested.

Action: Richard moved to approve the package, and Spalding seconded.

Decision
☑ Approve
☐ Approve with Amendments
☐ Tabled (returned to originator)

V. College of Health and Human Performance
   Department of Kinesiology
   (Kandy Houmard)

The department wants to make changes to their curriculum that will help students get through the degree in a timely manner. The department has many students who want to go on to physical therapy, and the current program has a lot of science courses that are not prerequisites for that program. The current degree also required the input of a lot of substitutions, so these changes will help decrease substitutions as well.

1. Memorandum of Request (Level 3)
   1. Suggest adding more explanation of the changes
2. Under #5, add the missing "E" so that it reads "KINE"
3. Explain why KINE 4990 and 4992 are being removed from the core

2. Proposal of a New Course: KINE 4900 (Level 1* - also requires Faculty Senate Review)

1. Justification: indicate how assessment of student learning helped identify the gap that prompted the development of the course

3. Revision of Existing Courses: KINE 4807, 4809 (Level 1)

1. Discussion on KINE 4807:

   1. Add in the justification the same information regarding the need to make this change, based on assessment of student learning

2. Discussion on KINE 4809:

   1. Check the course objectives to make sure they are being revised to line up with the revision in course content

4. Revision of an Existing Degree: Exercise Physiology, BS (Level 3)

1. Revise the concentration "Exercise is Medicine" to be 9-12 credits instead of 9-11
2. Suggest changing the name of the "Exercise is Medicine" concentration, because it is a registered trademark name (or get permission to use the name)
3. Given the revision of the concentration hours, the hours will need to be re-evaluated to get them back down to 120.
4. Have faculty vote on the revisions required by the committee (1-3 above) and attach documentation of that vote to the proposals.

Action: Vail-Smith moved to approve the package with amendments, including the memo that faculty voted on the changes to the program. Spalding seconded.

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Section III

VI. College of Engineering and Technology
   Department of Technology Systems
   (T. J. Mohammed for Chuck Lesko)

   With this proposal, the department seeks to increase the number of
   students who are helping faculty with research, retain excellent students,
   and provide them with funding opportunities (lab students when they are
   undergraduates and graduate assistants when they are graduate
   students).

   1. Proposal of an Accelerated Bachelors/Masters Degree: Network
      Technology, MS (Level 2)

      1. In the third paragraph, add space so that it reads
         "ITEC 6000", "ITEC 6060." (Done in the meeting)
      2. Because this is an accelerated program, the
         combined program will be fewer than 150 hours,
         which will require a justification to SACS. When that
         justification is written, it will be important to stress
         that this program is for outstanding students in the
         program, and that the selectivity of the program is
         published. The benefits for the students should also
         be noted in that justification (ability for the program
         to provide financial support from senior year
         throughout, ability to collaborate with faculty that
         result in opportunities like NASA recruitment, etc.).
      3. Graduate Council is on its second reading of the
         ECU policy about accelerated programs. If that
         Graduate School policy requires any adjustments to
         this degree, then the program will need to come
         back through GCC and UCC to make those
         changes.

   Action: Reaves moved to approve based on the proposal being consistent with
   the policy on accelerated programs that is being considered by the Graduate
   Council, and with the understanding that if it is inconsistent, it will be revised to
   address any inconsistencies. Seconded by Rider.

   Decision
   ✔ Approve
   □ Approve with Amendments
   □ Tabled (returned to originator)

VII. Course Substitution Project (Level 1)

   ● Update on memorandum to impacted units.
     ● All impacted units were notified.
Vote on all submitted packages:

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Motion to approve all the packages that were tabled until final approval made and seconded.

**Decision**

- **Approve**
- **Approve with Amendments**
- **Tabled (returned to originator)**
VIII. New Business

- Proposed revisions to Part VI, Section VII of the Faculty Manual were presented by Rita Reaves.
- The language in this section is obsolete for a number of reasons:
  - UNC office has changed from UNC-GA to UNC-System Office (and this change will be made throughout the Faculty Manual)
  - Institutional Planning and Accreditation (IPA) has changed to Academic Planning and Accreditation (APA)
  - Omission of Graduate Council from Level 2 approvals
  - Started seeing some things that could be more coherent
  - UNC-SO has already changed their forms, so the Request to Plan information is different
- Karen Summey has tracked a lot of the changes to the draft. The document reviewed in this meeting is the same that was reviewed by Graduate Curriculum Committee (GCC) at their 02/28/2018 meeting. GCC suggested the following changes:
  - Remove the “the” in front of ECU’s in first line
  - Paragraph at bottom of page 4: Levels of Delegated Authority, etc. Want to change the word “Curricular” to “Course” changes. Carrying out that same change wherever it makes sense. Program changes are curricular changes too.
  - Want a comma after item 8, after "e.g."
  - Page 6, Item c: New Degree Program Development Approval Process, current language says that proposed programs are included on the ECU Academic Program Plan through the Request for Inclusion process and, by special circumstance, through the Academic Council. Someone in GCC said they didn’t understand what that meant, so looking to clarify this line. Suggestion is to change wording to say “Proposed programs must be approved for inclusion on ECU’s Academic Program Plan.”
  - Back to page 4, items 4 and 5 can be deleted because they won’t make sense, given the use of "curricular" to mean both program and
Reaves made a motion to endorse the revisions suggested by the Graduate Curriculum Committee with no further revisions suggested by the Undergraduate Curriculum Committee. Seconded by Spalding.

**IX. Old Business**

- A draft of the varying credit hours policy was provided for review. The discussion of the policy concerned whether this was for nonstandard courses or all courses that have varying credit. These are guidelines for standard and nonstandard courses with varying credit.

- Suggestions:
  - Add internship to list of course types
  - Remove "just" from guidelines
  - Retain the note about contracts and the location of the Faculty Manual policy
  - Link to location where credit definition is set out
  - At the bottom, instead of the asterisk, say that these guidelines also apply to nonstandard courses (and provide examples), and note that those courses must also include a learning contract.

Vote to approve the draft with the suggested amendments: so approved.
The academic home unit (as listed on the API and recorded in Acalog) should have been imported from the step above. Sometimes, programs are housed at the college/school level, rather than a department, particularly in the case of inter-/multi-disciplinary programs. If no unit was imported, click once in the text box below and choose the home department/unit for the program.

**Department**
Department of English

**Program Type**
Certificate

**Degree Type**
Certificate

**Program Title**
Business and Technical Communication Certificate

**Program Description**
Program Coordinator: Donna Kain (2202 Bate Building; 252-737-2705; kaind@ecu.edu)

The certificate in business and technical communication provides students with opportunities to develop analytical and practical skills in planning, writing, designing, editing, and managing a range of professional texts for print and online publication. The certificate is open to students enrolled in undergraduate degree programs, including English. Students must register with the department prior to taking a capstone course. Other appropriate courses, including 5000-level courses, may be considered for inclusion upon review by the coordinator. The certificate requires 15 s. h. of credit as follows:

### 1. Core - 6 s.h.

- ENGL 3040 Introduction to Professional Writing
- ENGL 3870 Introduction to Editing and Publishing

### 2. Capstone - 3 s.h.

- ENGL 4780 Technical Writing
- ENGL 4785 Project Management in Professional Communication
ENGL 4885 Digital Writing
ENGL 4890 Practicum: Careers in Writing

3. Electives-Minimum of 6 3 s. h.

Choose an additional course from above or from the following:

ENGL 2830 Writing and Style
ENGL 3030 Introduction to Rhetorical Studies
ENGL 3810 Advanced Composition
ENGL 3820 Scientific Writing
ENGL 3835 Persuasive Writing
ENGL 3860 Introduction to Nonfiction Writing
ENGL 3870 Introduction to Editing and Publishing
ENGL 3880 Writing for Business and Industry
ENGL 3885 Writing and Document Design
ENGL 3895 Topics in Technical and Professional Writing
ENGL 4860 Advanced Nonfiction Writing
ENGL 4891 Practicum: Careers in Writing
ITEC 3290 Technical Writing
LING 2710 English Grammar

Note:

With departmental approval, certain other courses may be substituted.

Section IV - Program Revision(s)/Add or Delete Course(s)

Stop here and make sure all REQUIRED fields are complete. The proposal will not LAUNCH if they are not all complete.

LAUNCH NOW by clicking in the top left corner, then continue to make your edits/changes.

If you do not LAUNCH before making changes, your changes will not be saved and tracking will not be available. After launch, remember to SAVE your changes for each field.
Section II - Course Information

Import Existing Course Information

Import any existing course information by clicking the in the top left pane of this form. Respond to the down-arrow prompts. Any information in Acalog will be imported to the appropriate fields in this form. NOTE: Permalink information brought in from Acalog as part of an import will be available for review, but may not be created or modified within Curriculog; modifications will break the links.

**** DO NOT edit any imported information before you launch this form. ****

Add Department

Acalog may have imported this information (academic home) for you. If no information is imported for this field, click on "add item" and select the department or school name from the list.

Course Prefix and/or Number

If this is an EXISTING course, course information has already been imported from Acalog in the fields below.

If you requested a new course prefix from Diane Coltraine and/or a new course number from Marc Setliff, when you receive an approved response, enter the new information in the field(s) below, attach the email response(s) and continue completing the form.

Navigate to the Toolbox and click the in the top right pane to attach documents to this proposal.

Course Title* Laboratory Methods in Cellular and Molecular Neuroscience

Research
### Course Description
May be repeated. May count a maximum of 6 s. h. toward the minor or 12 s. h. toward the major. P: Consent of instructor. May not count toward general education natural sciences requirement. Basic lab methods for or clinical research in behavioral, cognitive, cellular, molecular, and molecular systems neuroscience. Principles of measurement of electrical properties of excitable cells, current voltage and patch-clamp behavior, electronic instrumentation cognition, biochemical and radiological methodology anatomy, molecular radio and fluorescence labeling histology, microscopy, pharmacology, endocrinology, and cell and tissue culturing physiology.

### Requesting Special Designations for this Course
If you are requesting special designations, you must follow each applicable committee's process found in these links: Service Learning (SL), Writing Intensive (WI), General Education (GE), Domestic Diversity (DD), and Global Diversity (GD). Attach the committees' response(s) (approve or reject) to this proposal. Also, add the designated course attribute, as described in the HELP text, in the section below.

### Course Attributes
The fields below are optional fields. If you are revising any course attributes, you need to make your edits/changes **AFTER LAUNCH** for changes to be tracked on the marked catalog copy. The information entered into these fields will be exported to Acalog and must follow a specific format; see HELP text.

| Credits* | 2–3 2 or 3 |
| Lecture/Lab/Studio Hours | 6–9 6 or 9 lab hours per week. |

### Note
May be repeated for a maximum of 6 s. h. toward the interdisciplinary studies neuroscience minor or 12 s. h. toward the multidisciplinary studies structured neuroscience concentration major. May not count toward general education natural sciences requirement. Minimum of 3 lab hours per credit.
Further action required?

You may skip to Section VIII if your revisions address only the following items:

- Banking
- Prefixes
- Prereqs
- Renumbering to the SAME level
- Removing a 5000-level course from the UG catalog
- Repeatability
- Title

All other actions must continue to Section III and complete all applicable optional and required fields for the rest of the form before approving.

STOP COLLAPSE SECTION II - COURSE INFORMATION NOW! Do not edit anything in this section until after you launch your proposal in Section VIII.

Section III - Syllabus Summary

Anticipated 45
ANNUAL Student
**Section IV - Method(s) of Delivery**

Click in the box to select all CURRENT method(s) of delivery, then click in the box to select all FUTURE method(s) of delivery expected over the next three years.

<table>
<thead>
<tr>
<th>Method(s) of Delivery CURRENT</th>
<th>Method(s) of Delivery FUTURE</th>
<th>Activity Log</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 Face-to-face (regular face-to-face meeting times and dedicated physical space at ECU)</td>
<td></td>
<td>Jean-Luc Scemama</td>
</tr>
<tr>
<td>02 Face-to-face remote site (regular face-to-face meeting times and dedicated physical space at a location other than ECU)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03 Internet or worldwide web (does not have dedicated physical space and meeting times except for testing and/or examin periods)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section V - Primary Instructional Format and Contact Hours

UNC-GA requires identification of the primary instructional format for each course (e.g. 50% or greater), although multiple formats may be used in delivery. Identify the contact hours for every instructional format used in the delivery of this course by stating the hours per week or semester for each instructional format. If this is a combined format (e.g., codes 09, 13), be sure to identify the contact hours for each applicable component. This is for information only.

02 Lab requires scientific- or research-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on environment, typically held in 210 (classroom lab) designated spaces.

<table>
<thead>
<tr>
<th>02 Lab Contact Hours</th>
<th>02 Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week</td>
<td>Semester</td>
</tr>
</tbody>
</table>

03 Studio requires visual- or aesthetic-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on environment.

<table>
<thead>
<tr>
<th>03 Studio Contact Hours</th>
<th>03 Studio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week</td>
<td>Semester</td>
</tr>
</tbody>
</table>

04 Lecture requires the extended expression of thought supported by generally-accepted principles or theorems of a field or discipline led by an expert or qualified representative of the field or discipline.

<table>
<thead>
<tr>
<th>04 Lecture Contact Hours</th>
<th>04 Lecture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week</td>
<td>Semester</td>
</tr>
</tbody>
</table>

05 Seminar requires students to participate in structured conversation or debate focused on assigned readings, current or historical events, or shared experiences led by an expert or qualified representative of the field or discipline.
<table>
<thead>
<tr>
<th>Course Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>05 Seminar</strong></td>
<td>requires students to instruct or teach at an entity external to the institution, generally as part of the culminating curriculum of a teacher education or certification program.</td>
</tr>
<tr>
<td><strong>06 Student Teaching</strong></td>
<td>requires students to instruct or teach at an entity external to the institution, generally as part of the culminating curriculum of a teacher education or certification program.</td>
</tr>
<tr>
<td><strong>07 Practicum</strong></td>
<td>requires students to participate in an approved project or proposal that practically applies previously studied theory of the field or discipline under the supervision of an expert of qualified representative of the field or discipline.</td>
</tr>
<tr>
<td><strong>08 Clinical</strong></td>
<td>requires medical or healthcare-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on or simulated environment.</td>
</tr>
<tr>
<td><strong>09 Internship, Field Experience, or Cooperative Education</strong></td>
<td>requires students to participate in a partnership, professional employment, work experience, or cooperative education with an entity external to the institution, generally under the supervision of an employee of the given external entity.</td>
</tr>
<tr>
<td><strong>13 Lecture and Lab</strong></td>
<td>requires the combined attributes of a lecture course and a lab course.</td>
</tr>
</tbody>
</table>
13 Lab Contact Hours

13 Lab Week

13 Lab Semester

16 Individual Study requires students to participate in individualized, independent, directed, or guided studies under the supervision of an expert or qualified representative of the field or discipline that cannot be otherwise classified as internship, field experience, cooperative education, practicum, recital, performance, or ensemble.

16 Individual Study Contact Hours

16 Individual Study Week

16 Individual Study Semester

Section VI - Additional Resources and Support

Only select a block if your proposal requires support above and beyond what is typically needed for a course. Any additional resources required as a result of this proposal must be mentioned in the Memorandum of Request. If any ITCS blocks are selected below, attach cost estimates for ITCS resources and an approval letter from the appropriate ITCS director providing the service(s).

Identify additional resources requested with this proposal

Add'l Personnel
Add'l Facilities
Library Service
Add'l Computer

ITCS
Mainframe
Statistical Services
Netwk Connection
Computer Lab

STOP
LAUNCH NOW.

LAUNCH by clicking this symbol ▶ in the top left pane.

Edit Imported Information: Section II - Course Information

To make changes to fields imported from Acalog, expand Section II, click in the appropriate field, and type over, delete, or add information in the text box. Information edited after launch of the proposal can be viewed as "show current with markup" by viewing User Tracking near the top of the right pane. To see additional edits made by other authorized users, click "Show All Edits by All Users" to see color-coded markup.
Banking or deleting course(s) (deleting a course from a program/minor/concentration/certificate ALSO requires a program revision form)

- Removing a 5000-level course from the UG catalog
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- Revising a course title (no content change)
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Memorandum of Request (MOR)

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Note that you will provide justification for this particular action in the "Justification" field below.

Justification

Include the following items in your justification:
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> The gap you are attempting to fill
> How the course responds to the assessment of student learning

If applicable, include the following:
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> Student or alumni survey results

**Justification**

HLTH 2900 was a required course in the B.S. in School Health Education. This program was discontinued in 2015. This course has not been taught since then and will not be taught in the future. The course is no longer required by any other programs at ECU.

Does this action impact teacher education?  Yes

Does this action have a global component in its
Section II - Import Existing Course Information

Import Existing Course Information

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</tr>
</thead>
<tbody>
<tr>
<td>Course Discipline*</td>
<td>Health</td>
</tr>
<tr>
<td>Course Title*</td>
<td>Health Education Curriculum and Planning</td>
</tr>
<tr>
<td>Course Prefix*</td>
<td>HLTH</td>
</tr>
<tr>
<td>Course Number*</td>
<td>2900</td>
</tr>
<tr>
<td>Course Description*</td>
<td>Introduction to curriculum design and planning for effective health education.</td>
</tr>
</tbody>
</table>

Course Attributes

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| Credits* | 3 |
| Lecture/Lab/Studio Hours |  |
### Section III- Impact Report

**Impact Report**

Every package must include an Impact Report (formerly Affected Units Report) and a copy of applicable notifications. If an impacted unit responds to your notification, the response must be included with your submission.

**Run an Impact Report - ** read carefully before starting **

1. Run an Impact Report by clicking the at the top of the left pane.

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### Top of Form

### Section VIII - Review Entries and Attach Required Documents
Check action(s) for this proposal

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Justification

HLTH 3550 was a required course in the B.S. in School Health Education. This program was discontinued in 2015. This course has not been taught since then and will not be taught in the future. The course is no longer required by any other programs at ECU.

Does this action impact teacher education? Yes

Does this action have a global component in its Yes
**Section II - Import Existing Course Information**

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<tbody>
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<td>Course Discipline*</td>
<td>Health</td>
</tr>
<tr>
<td>Course Title*</td>
<td>Assessment in Health Education</td>
</tr>
<tr>
<td>Course Prefix*</td>
<td>HLTH</td>
</tr>
<tr>
<td>Course Number*</td>
<td>3550</td>
</tr>
<tr>
<td>Course Description*</td>
<td>Designing and using assessments in health education.</td>
</tr>
</tbody>
</table>

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| Credits* | 3 |
| Lecture/Lab/Studio Hours |  |
Section III - Impact Report

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Section VIII - Review Entries and Attach Required Documents
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Justification

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> The gap you are attempting to fill
> How the course responds to the assessment of student learning

If applicable, include the following:
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> Student or alumni survey results

Justification

Justification for course deletion: HLTH 4305 was a required course in the B.S. in School Health Education. This program was discontinued in 2015. The course has not been taught since then and will not be taught in the future. The course is no longer required by any other programs at ECU.

Does this action impact teacher education? Yes

Does this action have a global component in its Yes
Section II - Import Existing Course Information

Import Existing Course Information

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**Department**

- **Department of Health Education and Promotion**

**Course Discipline**

- **Health**

**Course Title**

- Classroom Organization and Management in Health Education

**Course Prefix**

- **HLTH**

**Course Number**

- 4305

**Course Description**

- Organizational and management foundations to create a positive classroom environment and optimize student learning.

**Course Attributes**

The fields below are optional fields. If you are revising any course attributes, you need to make your edits/changes AFTER LAUNCH for changes to be tracked on the marked catalog copy. The information entered into these fields will be exported to Acalog and must follow a specific format; see HELP text.

**Credits**

- 3

**Lecture/Lab/Studio Hours**
Section III- Impact Report

Impact Report

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Top of Form

Section VIII - Review Entries and Attach Required Documents
<table>
<thead>
<tr>
<th>Check action(s) for this proposal*</th>
<th>Banking or deleting course(s) (deleting a course from a program/minor/concentration/certificate ALSO requires a program revision form)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Removing a 5000-level course from the UG catalog</td>
</tr>
<tr>
<td></td>
<td>Renumbering to the SAME level (no content change)</td>
</tr>
<tr>
<td></td>
<td>Revising a course prefix (no content change)</td>
</tr>
<tr>
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<td>Revising a course title (no content change)</td>
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- How the course responds to the assessment of student learning

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- Student or alumni survey results

**Justification**

Justification for course deletion: HLTH 4324 was a required course in the B.S. in School Health Education. This program was discontinued in 2015. The course has not been taught since then and will not be taught in the future. This is not required by other programs at ECU.

**Does this action impact teacher education?** Yes

**Does this action have a global component in its** Yes
Section II - Import Existing Course Information

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Department* Department of Health Education and Promotion

Course Discipline* Health

Course Title* Internship in Health Education

Course Prefix* HLTH

Course Number* 4324

Course Description* Observation and supervised teaching in an assigned health education public school classroom.

Course Attributes

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Credits* 10

Lecture/Lab/Studio Hours
Service Learning

Note: Full-time, semester-long internship.

Writing Intensive

P (Prerequisite): Admission to upper division; EDUC 3200; HLTH 2123; completion of HLTH 4323 with a minimum grade of C- (1.7); PSYC 1000.

When Offered: F, S

General Education (GE) Curriculum

RP (Recommended Prereq)

When Offered: F, S

RC (Recommended Prereq)

Diversity (DD/GD)

C (Corequisite): HLTH 4326.

Formerly

Same as

P/C (Prereq/Coreq)

RP/C (Recommended Prereq/Coreq)

Section III- Impact Report

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Run an Impact Report - "read carefully before starting"

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Justification

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Does this action impact teacher education? Yes

Does this action have a global component in its

Yes
Section II - Import Existing Course Information

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Department*  Department of Health Education and Promotion

Course Discipline*  Health

Course Title*  Internship Seminar: Issues in Health Education

Course Prefix*  HLTH  Course Number*  4326

Course Description*  Individualized study of problems or issues pertinent in school health education.

Course Attributes

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Credits*  1  Lecture/Lab/Studio Hours
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Top of Form

Section VIII - Review Entries and Attach Required Documents
Section II - Import Existing Course Information

Import Existing Course Information

Import any existing course information by clicking the in the top left pane of this form. Respond to the down-arrow prompts. Any information in Acalog will be imported to the appropriate fields in this form. NOTE: Permalink information brought in from Acalog as part of an import will be available for review, but may not be created or modified within Curriculog; modifications will break the links.

**** DO NOT edit any imported information before you launch this form. ****

Note: If you need any assistance with this section of the form (i.e., course/catalog information), please email the Catalog Editor or call 252-328-1425.

Add Department

Acalog may have imported this information (academic home) for you. If no information is imported for this field, click on “add item” and select the department or school name from the list.

<table>
<thead>
<tr>
<th>Department*</th>
<th>Department of Health Education and Promotion</th>
</tr>
</thead>
</table>

| Course Discipline* | Health |

Course Prefix and/or Number

If this is an EXISTING course, course information has already been imported from Acalog in BOTH fields below.

If you requested a new course prefix from Diane Coltraine and/or a new course number from Marc Setliff, when you receive an approved response, enter the new information in BOTH fields below, attach the email response(s) and continue completing the form.

Navigate to the Toolbox and click the in the top right pane to attach documents to this proposal.

<table>
<thead>
<tr>
<th>Course Prefix and Number (single field)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 3030</td>
</tr>
</tbody>
</table>
### Course Title
Health Behavior

### Course Prefix
HLTH

### Course Number
3030

### Course Description
Theories and models used to explain health behaviors.

### Course Attributes

The fields below are optional fields. If you are revising any course attributes, you need to make your edits/changes AFTER LAUNCH for changes to be tracked on the marked catalog copy. The information entered into these fields will be exported to Acalog and must follow a specific format; see HELP text.

| Credits* | 3 |
| Lecture/Lab/Studio Hours | |
| Note | |
| Service Learning | |
| Writing Intensive | WI* |
| When Offered | F,S,SS |
| General Education (GE) Curriculum | |
| Diversity (DD/GD) | |
| Formerly | |
| P (Prerequisite) | Intended or declared major in public health studies; HLTH 1000 or HLTH 1050; PSYC 1900 2000. |
| RP (Recommended Prereq) | |
| RC (Recommended Prereq) | |
| C (Corequisite) | |
| Same as | |
| P/C (Prereq/Coreq) | |
| RP/C (Recommended Prereq/Coreq) | |
Section II - Import Existing Course Information

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Department of Health Education and Promotion

Course Discipline*

Health

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Course Prefix and Number (single field)*

HLTH 4200
**Course Title**: Planning and Evaluation in Health Promotion

**Course Prefix**: HLTH

**Course Number**: 4200

**Course Description**: Role of evaluation. Emphasis on measuring instrument design, evaluation, planning, and interpretation of evaluation results.

**Course Attributes**

The fields below are optional fields. If you are revising any course attributes, you need to make your edits/changes AFTER LAUNCH for changes to be tracked on the marked catalog copy. The information entered into these fields will be exported to Acalog and must follow a specific format; see HELP text.

| Credits* | 3 |
| Lecture/Lab/Studio Hours |
| Service Learning |
| Writing Intensive |
| When Offered | F,S,SS |
| General Education (GE) Curriculum |
| Diversity (DD/GD) |
| Formerly |
| P (Prerequisite) | Completion of core courses: HLTH 1000 |
| RP (Recommended Prereq) |
| RC (Recommended Prereq) |
| C (Corequisite) |
| Same as |
| P/C (Prereq/Coreq) |
| RP/C (Recommended Prereq/Coreq) |

**Section III- Impact Report**
Student or alumni survey results

**Justification**
Currently ECG is covered in the KINE 4809 course - Exercise Prescription for Clinical Populations. Based on faculty analysis and review of KINE 4809 it was determined that students need an entire class of ECG content. Students with knowledge of ECG interpretation are highly marketable and this will also benefit those students pursuing graduate programs. The faculty decided to remove the ECG content from KINE 4809 and create a separate course. In this new course, the ECG content will be expanded and related to graded exercise testing outcomes. By removing the ECG content from the KINE 4809 class, clinical populations content will be expanded.

| Does this action impact teacher education? | Yes | No |
| Does this action have a global component in its content? | Yes | No |

**This is a course in one of the following programs**
- BSBA
- MAT
- MAED

**Section II - Course Information**

**Course Title** ECG Interpretation and Exercise Testing

**Course Discipline** Kinesiology

**New Course Prefix and/or Number**

Once you receive your requested new course prefix and/or number from Diane Coltraine for the prefix and Marc Setliff for the new course number with an approved response, enter the new information in the field(s) below, after LAUNCHING, attach the email response(s) and continue completing the form.

**Course Prefix** KINE

**Course Number** 4900

**Course Description** Understanding of the cardiovascular system and how it functions, practicing
basic electrocardiograph application techniques and readings. Use of electrocardiograph instruments, identification of and response to abnormalities, recognition of cardiac rhythms; responses to emergency findings. Applying ECG skills to exercise tests via treadmill and cycle ergometry.

Course Attributes

Complete all fields that apply. The information entered into these fields will be exported to Acalog and must follow a specific format; see HELP text for these fields.

<table>
<thead>
<tr>
<th>Credits</th>
<th>Lecture/Lab/Studio Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Service Learning

Writing Intensive

When Offered  F, S

General Education (GE) Curriculum

Diversity (DD/GD)

Formerly

P/C (Prereq/Coreq)

P (Prerequisite)

RP (Recommended Prereq)

RC (Recommended Coreq)

C (Corequisite)  KINE 4806, 4805.

Requesting Special Designations for this Course

If you requested special designations in the Course Attributes section above, you must attach the committees' response(s) (approve or reject) to this proposal, if applicable. Special designations include: Service Learning (SL), Writing Intensive (WI), General Education (GE), Domestic Diversity (DD), and Global Diversity (GD).
<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-</td>
<td>3.7</td>
<td>90-93.9</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
<td>87-89.9</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>83-86.9</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td>80-82.9</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
<td>77-79.9</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td>73-76.9</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
<td>70-72.9</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
<td>67-69.9</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
<td>63-66</td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
<td>60-62</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>Below 60</td>
</tr>
</tbody>
</table>

**Associated Classification of Instructional Programs (CIP) Code**

CIP codes are intended primarily for degree and certificate programs only; however, associated CIP codes are sometimes used for additional purposes, such as faculty credentialing. Enter the 6-digit CIP code that matches the corresponding degree program in the ECU academic program inventory (API), or the CIP code that will be most closely associated across multiple programs.

| CIP Code* | 26.0908 |

[Top of Form](#)
Section IV - Method(s) of Delivery

Click in the box to select all CURRENT or PROPOSED method(s) of delivery, and then click in the box to select all FUTURE method(s) of delivery expected over the next three years.

<table>
<thead>
<tr>
<th>Method(s) of Delivery CURRENT or PROPOSED*</th>
<th>Method(s) of Delivery FUTURE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 Face-to-face (regular face-to-face meeting times and dedicated physical space at ECU)</td>
<td>01 Face-to-face (regular face-to-face meeting times and dedicated physical space at ECU)</td>
</tr>
</tbody>
</table>

Section V - Primary Instructional Format and Contact Hours

UNC-GA requires identification of the primary instructional format for each course (e.g. 50% or greater), although multiple formats may be used in delivery. Identify the contact hours for every instructional format used in the delivery of this course by stating the hours per week or semester for each instructional format. If this is a combined format (e.g., codes 09, 13, 14), be sure to identify the contact hours for each applicable component.

**02 Lab** requires scientific- or research-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on environment, typically held in 210 (Lab) designated spaces.

<table>
<thead>
<tr>
<th>02 Lab Contact Hours</th>
<th>02 Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week</td>
<td></td>
</tr>
<tr>
<td>Semester</td>
<td></td>
</tr>
</tbody>
</table>

**03 Studio** requires visual- or aesthetic-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on environment.

<table>
<thead>
<tr>
<th>03 Studio Contact Hours</th>
<th>03 Studio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week</td>
<td></td>
</tr>
<tr>
<td>Semester</td>
<td></td>
</tr>
</tbody>
</table>

**04 Lecture** requires the extended expression of thought supported by generally-accepted principles or theorems of a field or discipline led by an expert or qualified representative of the field or discipline.
<table>
<thead>
<tr>
<th>Course Type</th>
<th>Description</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>Provides a structured presentation or lecture format, typically led by an instructor or a panel of experts related to the course content.</td>
<td>3</td>
</tr>
<tr>
<td>Seminar</td>
<td>Requires students to participate in structured conversation or debate focused on assigned readings, current or historical events, or shared experiences led by an expert or qualified representative of the field or discipline.</td>
<td></td>
</tr>
<tr>
<td>Student Teaching</td>
<td>Requires students to instruct or teach at an entity external to the institution, generally as part of the culminating curriculum of a teacher education or certification program.</td>
<td></td>
</tr>
<tr>
<td>Practicum</td>
<td>Requires students to participate in an approved project or proposal that practically applies previously studied theory of the field or discipline under the supervision of an expert or qualified representative of the field or discipline.</td>
<td></td>
</tr>
<tr>
<td>Clinical</td>
<td>Requires medical or healthcare-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on or simulated environment.</td>
<td></td>
</tr>
<tr>
<td>Internship, Field Experience, or Cooperative Education</td>
<td>Requires students to participate in a partnership, professional employment, work experience, or cooperative education with an entity external to the institution, generally under the supervision of an employee of the given external entity.</td>
<td></td>
</tr>
</tbody>
</table>
13 Lecture and Lab requires the combined attributes of a lecture course and a lab course.

<table>
<thead>
<tr>
<th>13 Lecture Contact Hours</th>
<th>13 Lecture</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week</td>
</tr>
<tr>
<td></td>
<td>Semester</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>13 Lab Contact Hours</th>
<th>13 Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week</td>
</tr>
<tr>
<td></td>
<td>Semester</td>
</tr>
</tbody>
</table>

16 Individual Study requires students to participate in individualized, independent, directed, or guided studies under the supervision of an expert or qualified representative of the field or discipline that cannot be otherwise classified as internship, field experience, cooperative education, practicum, recital, performance, or ensemble.

<table>
<thead>
<tr>
<th>16 Individual Study Contact Hours</th>
<th>16 Individual Study</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week</td>
</tr>
<tr>
<td></td>
<td>Semester</td>
</tr>
</tbody>
</table>

Section VI - Additional Resources and Support Request

Select a block if your proposal requires support above and beyond what is typically needed for a new course. If no new resources are required, select “none required.” Any additional resources required as a result of this proposal must be mentioned in the Memorandum of Request. If any ITCS blocks are selected below, attach cost estimates for ITCS resources and an approval letter from the appropriate ITCS director providing the service(s).

- Add'l Personnel
- Add'l Facilities
- Library Service
- Add'l Computer
- None Required

ITCS
- Mainframe
- Statistical Services
- Netwk Connection
- Comp. Lab

STOP

LAUNCH NOW by clicking this symbol in the top left pane.

After launch, review and make edits; be sure to SAVE all
Section II - Import Existing Course Information

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Department*  
Department of Kinesiology

Course Discipline*  
Kinesiology

Course Prefix and/or Number

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Course Prefix and Number (single field)*

KINE 4807

Course Title*  
Advanced Exercise Physiology
**Course Prefix**  KINE

**Course Number**  4807

**Course Description**  Physiological responses to exercise and health. Emphasis on effects of physical training and other factors that affect physical performance and health.

---

### Course Attributes

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<tbody>
<tr>
<td>Lecture/Lab/Studio Hours</td>
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</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>Writing Intensive</td>
<td></td>
</tr>
<tr>
<td>When Offered</td>
<td>F, S</td>
</tr>
<tr>
<td>P (Prerequisite)</td>
<td>CHEM 1130; KINE 4806; CHEM 2750; CHEM 2753 with C (2.0) or better, and consent of instructor. 1130: or consent of instructor</td>
</tr>
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**Course Description**  Physiological responses to exercise and health. Emphasis on effects of physical training and other factors that affect physical performance and health.

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**Course Prefix**  KINE

**Course Number**  4807

**Course Description**  Physiological responses to exercise and health. Emphasis on effects of physical training and other factors that affect physical performance and health.

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### Course Attributes

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**Course Prefix**  KINE

**Course Number**  4807

**Course Description**  Physiological responses to exercise and health. Emphasis on effects of physical training and other factors that affect physical performance and health.

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</table>
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Add Department

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Department

Department of Kinesiology

Course Prefix and/or Number

If this is an EXISTING course, course information has already been imported from Acalog in the fields below.

If you requested a new course prefix from Diane Coltraine and/or a new course number from Marc Setliff, when you receive an approved response, enter the new information in the field(s) below, attach the email response(s) and continue completing the form.

Navigate to the Toolbox and click the in the top right pane to attach documents to this proposal.

Course Title

Exercise Prescription for Clinical Populations

Course Prefix

KINE

Course Number

4809

Course Description

Fundamentals of prescribing aerobic, strength and flexibility exercise for clinical populations to include: cardiovascular disease, pulmonary disease, hypertension, diabetes, obesity, etc.

Requesting Special Designations for this Course
If you are requesting special designations, you must follow each applicable committee's process found in these links: Service Learning (SL), Writing Intensive (WI), General Education (GE), Domestic Diversity (DD), and Global Diversity (GD). Attach the committees' response(s) (approve or reject) to this proposal. Also, add the designated course attribute, as described in the HELP text, in the section below.

Course Attributes

The fields below are optional fields. If you are revising any course attributes, you need to make your edits/changes **AFTER LAUNCH** for changes to be tracked on the marked catalog copy. The information entered into these fields will be exported to Acalog and must follow a specific format; see HELP text.

| Credits* | 3 |
| Lecture/Lab/ Studio Hours | |
| Service Learning | |
| Writing Intensive | |
| When Offered | F,S |
| General Education (GE) Curriculum | |
| Diversity (DD/GD) | |
| Formerly | |
| P/C (Prereq/Coreq) | |
| P (Prerequisite) | KINE 4806. |
| RP (Recommended Prereq) | |
| RC (Recommended Prereq) | |
| C (Corequisite) | |
| Same as | |
| RP/C (Recommended Prereq/Coreq) | |

You may skip to **Section VII** if your actions address ONLY the following items:

Banking or deleting a course (deleting a course from a program requires a program revision form)

Removing a 5000-level course from the UG
### Associated Classification of Instructional Programs (CIP) Code

CIP codes are intended primarily for degree and certificate programs only; however, associated CIP codes are sometimes used for additional purposes, such as faculty credentialing. Enter the 6-digit CIP code that matches the corresponding degree program in the ECU academic program inventory (API), or the CIP code that will be most closely associated across multiple programs.

**CIP Code** 26.0908

### Section IV - Method(s) of Delivery

Click in the box to select all CURRENT method(s) of delivery, then click in the box to select all FUTURE method(s) of delivery expected over the next three years.

**Method(s) of Delivery CURRENT**
- 01 Face-to-face (regular face-to-face meeting times and dedicated physical space at ECU)

**Method(s) of Delivery FUTURE**
- 01 Face-to-face (regular face-to-face meeting times and dedicated physical space at ECU)
Section V - Primary Instructional Format and Contact Hours

UNC-GA requires identification of the primary instructional format for each course (e.g. 50% or greater), although multiple formats may be used in delivery. Identify the contact hours for every instructional format used in the delivery of this course by stating the hours per week or semester for each instructional format. If this is a combined format (e.g., codes 09, 13), be sure to identify the contact hours for each applicable component. This is for information only.

**02 Lab** requires scientific- or research-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on environment, typically held in 210 (classroom lab) designated spaces.

<table>
<thead>
<tr>
<th>02 Lab Contact Hours</th>
<th>02 Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

**03 Studio** requires visual- or aesthetic-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on environment.

<table>
<thead>
<tr>
<th>03 Studio Contact Hours</th>
<th>03 Studio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week</td>
</tr>
<tr>
<td></td>
<td>Semester</td>
</tr>
</tbody>
</table>

**04 Lecture** requires the extended expression of thought supported by generally-accepted principles or theorems of a field or discipline led by an expert or qualified representative of the field or discipline.

<table>
<thead>
<tr>
<th>04 Lecture Contact Hours</th>
<th>04 Lecture</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Week</td>
</tr>
<tr>
<td></td>
<td>Semester</td>
</tr>
</tbody>
</table>

**05 Seminar** requires students to participate in structured conversation or debate focused on assigned readings, current or historical events, or shared experiences led by an expert or qualified representative of the field or discipline.

<table>
<thead>
<tr>
<th>05 Seminar Contact Hours</th>
<th>05 Seminar</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week</td>
</tr>
<tr>
<td></td>
<td>Semester</td>
</tr>
</tbody>
</table>

**06 Student Teaching** requires students to instruct or teach at an entity external to the institution, generally as part of the culminating curriculum of a teacher education or certification program.

<table>
<thead>
<tr>
<th>06 Student</th>
<th>06 Student</th>
</tr>
</thead>
</table>
### 07 Practicum
Requires students to participate in an approved project or proposal that practically applies previously studied theory of the field or discipline under the supervision of an expert of qualified representative of the field or discipline.

<table>
<thead>
<tr>
<th>07 Practicum</th>
<th>Contact Hours</th>
</tr>
</thead>
</table>

### 08 Clinical
Requires medical or healthcare-focused experiential work where students test, observe, experiment, or practice a field or discipline in a hands-on or simulated environment.

<table>
<thead>
<tr>
<th>08 Clinical</th>
<th>Contact Hours</th>
</tr>
</thead>
</table>

### 09 Internship, Field Experience, or Cooperative Education
Requires students to participate in a partnership, professional employment, work experience, or cooperative education with an entity external to the institution, generally under the supervision of an employee of the given external entity.

<table>
<thead>
<tr>
<th>09 Internship/Field Experience/Cooperative Education</th>
<th>Contact Hours</th>
</tr>
</thead>
</table>

### 13 Lecture and Lab
Requires the combined attributes of a lecture course and a lab course.

<table>
<thead>
<tr>
<th>13 Lecture</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 Lab</td>
<td>Contact Hours</td>
</tr>
</tbody>
</table>

### 16 Individual Study
Requires students to participate in individualized, independent, directed, or guided studies under the supervision of an expert or qualified representative of the field or discipline that cannot be otherwise classified as internship, field experience, cooperative education, practicum, recital, performance, or ensemble.

---

*Curriculog https://ecu.curriculog.com/proposal:1620/print*
Section VI - Additional Resources and Support

Select a block if your proposal requires support above and beyond what is typically needed for a course. If no new resources are required, select "No additional resources are required." Any additional resources required as a result of this proposal must be mentioned in the Memorandum of Request. If any ITCS blocks are selected below, attach cost estimates for ITCS resources and an approval letter from the appropriate ITCS director providing the service(s).

* ✓ No additional resources are required.

Identify additional resources requested with this proposal
- Add'l Personnel
- Add'l Facilities
- Library Service
- Add'l Computer

ITCS
- Mainframe
- Statistical Services
- Netwk Connection
- Computer Lab

STOP
LAUNCH NOW.

LAUNCH by clicking this symbol in the top left pane.

Edit Imported Information: Section II - Course Information

To make changes to fields imported from Acalog, expand Section II, click in the appropriate field, and type over, delete, or add information in the text box. Information edited after launch of the proposal can be viewed as "show current with markup" by viewing User Tracking near the top of the right pane. To see additional edits made by other authorized users, click "Show All Edits by All Users" to see color-coded markup.

Section VII- Impact Report (formerly Affected Units Report)

Impact Report - Impacted Units (formerly Affected Units Report)

Every package must include an Impact Report (formerly Affected Units Report) and a copy of applicable notifications. If an impacted unit responds to your notification, the response
** READ BEFORE CONTINUING **

There are still required fields to be completed below, and you cannot launch your proposal until they are filled in. **IT IS IMPORTANT that you DO NOT edit any imported fields until your form is launched.** After launch, edits will be used as marked catalog copy to be exported to Acalog.

**Academic Home Unit**

The academic home unit (as listed on the API and recorded in Acalog) should have been imported from the step above. Sometimes, programs are housed at the college/school level, rather than a department, particularly in the case of inter-/multi-disciplinary programs. If no unit was imported, click once in the text box below and choose the home department/unit for the program.

<table>
<thead>
<tr>
<th>Department*</th>
<th>Department of Kinesiology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Type*</td>
<td>Bachelors</td>
</tr>
<tr>
<td>Degree Type*</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>Program Title*</td>
<td>Exercise Physiology, BS</td>
</tr>
</tbody>
</table>

**Program Description**

Program Co-Coordinator: Kandy Houmard (109 Fitness, Instruction, Testing and Training Facility (FITT); 252-737-1291; houmardk@ecu.edu)

Program Co-Coordinator: Mike McCammon (105 Fitness, Instruction, Testing and Training Facility (FITT); 252-737-1293; mccammonm@ecu.edu)

The program provides competencies and knowledge in the field of exercise physiology. Graduates of the program are prepared to pursue further academic training in exercise physiology, physical therapy, medicine, and other allied health careers. A minimum cumulative 2.75 GPA and 32 s. h. general education are required for admission. A minimum grade of C (2.0) is required in BIOL 1150, BIOL 1151; CHEM 1150, CHEM 1151; ENGL 1100, ENGL 1200; MATH 1065. Majors must maintain a minimum cumulative GPA of 2.5 and a minimum grade of C (2.0) is required in BIOL 2140, BIOL 2141, BIOL 2150, BIOL 2151; CHEM 1160, CHEM 1161.

Minimum degree requirement is 426 120 s. h. of credit as follows:
1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

CHEM 1150 General Chemistry I
CHEM 1151 General Chemistry Laboratory I
MATH 1065 College Algebra
PHYS 1250 General Physics I
PSYC 1000 Introductory Psychology

2. Core-43 33 s. h.

KINE 2000 Introductory Exercise and Sport Science
KINE 2202 Motor Learning and Performance
KINE 2850 Structural Kinesiology
KINE 3700 Essentials of Strength and Conditioning
KINE 3805 Physiology of Exercise
KINE 3806 Physiology of Exercise Laboratory
KINE 3850 Introduction to Biomechanics
KINE 4020 Exercise Adherence
KINE 4805 Exercise Evaluation and Prescription Laboratory
KINE 4990 Pre-internship Seminar for Exercise Physiology
KINE 4806 Exercise Evaluation and Prescription
KINE 4992 Research Internship in Exercise Physiology
KINE 4807 Advanced Exercise Physiology
KINE 4809 Exercise Prescription for Clinical Populations
KINE 4900 ECG Interpretation and Exercise Testing
KINE 4991 Independent Research in Exercise Physiology

3. Cognates-39 27 s. h.

BIOL 1150 Principles of Biology: A Human Approach
BIOL 1151 Principles of Biology: A Human Approach Discussion
BIOL 2140 Human Physiology and Anatomy I
BIOL 2141 Human Physiology and Anatomy I Laboratory
BIOL 2150 Human Physiology and Anatomy II
5. General electives to complete requirements for graduation.

New-Core 4. Concentrations-20-18-21 20 s. h.
(Choose one.)

New-Core Clinical Exercise Physiology Concentration-13 20 s. h.

KINE 4990 Pre-internship Seminar for Exercise Physiology
KINE 4992 Research Internship in Exercise
Physiology

New-Core
Recommended
Electives-7 s. h.

Choose from:

- KINE 2020 Physical Activity and Disease Prevention
- KINE 2050 Computer Applications in Exercise and Sport Science
- KINE 3300 Applied Sports Psychology
- KINE 3600 Coaching Theories
- KINE 3802 Obesity Prevention and Treatment
- KINE 3880 Personal Fitness Training
- KINE 3881 Personal Fitness Training Laboratory
- KINE 4030 Physical Activity and Aging
- KINE 4808 Cardiopulmonary Physiology
- KINE 4500 Independent Study in KINE
- KINE 4501 Independent Study in KINE
- KINE 4502 Independent Study in KINE
- Any KINE 1010-1139 courses except for KINE 1000 and 1001

New-Core
Exercise is as Medicine-9-11
9-12 8-12 20 s. h.

Pre- PT, PA, Nursing, Pre-Med and Pre-Dental

- BIOL 1200 Principles of Biology II
- BIOL 1201 Principles of Biology Laboratory II
  or
- PSYC 3206 Developmental Psychology
- BIOL 2110 Fundamentals of Microbiology
- BIOL 2111 Fundamentals of Microbiology Laboratory
  or
- PHYS 1260 General Physics II
- PHYS 1261 General Physics Laboratory II
- BIOL 2300 Principles of Genetics
  or
- CHEM 2760 Organic Chemistry II
- CHEM 2763 Organic Chemistry Laboratory II
or
HIMA 3000 Medical Terminology for Health Professionals
or
ATEP 2800 Medical Nomenclature for Human Performance

**New-Core Recommended Electives-9-11-8-12 8-10 s. h.**

Choose from:

- KINE 2020 Physical Activity and Disease Prevention
- KINE 2050 Computer Applications in Exercise and Sport Science
- KINE 3300 Applied Sports Psychology
- KINE 3600 Coaching Theories
- KINE 3802 Obesity Prevention and Treatment
- KINE 3880 Personal Fitness Training
- KINE 3881 Personal Fitness Training Laboratory
- KINE 4030 Physical Activity and Aging
- KINE 4500 Independent Study in KINE
- KINE 4501 Independent Study in KINE
- KINE 4502 Independent Study in KINE
- KINE 4808 Cardiopulmonary Physiology
- Any KINE elective course except for KINE 1000 and 1001

---

**Section IV - Program Revision(s)/Add or Delete Course(s)**

Stop here and make sure all REQUIRED fields are complete. The proposal will not LAUNCH if they are not all complete.

LAUNCH NOW by clicking ➤ in the top left corner, then continue to make your edits/changes.

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**Academic Home Unit**

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**Department**

Department of Technology Systems

**Program Type**

Master's

**Degree Type**

Master of Science

**Program Title**

Network Technology, MS

**Program Description**

The master of science in network technology is designed to serve the needs of students who possess baccalaureate degrees in networking technology-oriented disciplines. Students take a common set of courses and select one of four concentrations: computer networking management, digital communications technology, information security, or web technologies. The program emphasizes advanced applications in computer networking such as network infrastructure management, networked systems design, network security, and technical problem solving in technology-driven organizations.

The program requires a minimum of **30 s.h.** as follows:

**1. Common core - 15 s. h.**

- ICTN 6823 Information Security Management
- ICTN 6878 Legal and Ethical Issues in Information Technology
- ITEC 6000 Statistical Applications in Technology Management
- ITEC 6060 Research Methods in Technology
- ITEC 6200 Technology Project Management
2. Concentrations - 12 s.h.

(Choose one of the following.)

**Computer Networking Management**

Courses in this concentration emphasize advanced technologies used in the design, implementation, administration, monitoring, optimization, and maintenance of data communication and computer networking systems in industry.

- ICTN 6865 Fundamental Network Security
- ICTN 6875 Emerging Technology
- ICTN 6880 Advanced Topics in Information Infrastructure Design
- ICTN 6885 Network Management Technology

**Digital Communications Technology**

Courses in this concentration emphasize a broad understanding of communication theory and practice in the transmission of digital data, including signal generation, conditioning, transmission, error detection and correction, and the underlying technologies used to retrieve, process, store, and analyze data in organizations.

- ICTN 6810 Communication Technology
- ICTN 6820 Networking Technology for Industry
- ICTN 6830 Advanced Networking Technology
- ICTN 6840 Communication Strategies for Industry

**Information Security**

Courses in this concentration prepare students to design, deploy, manage, and apply techniques of securing and protecting the integrity and availability of information systems and communication networks in governmental, private, and non-profit organizations.

- ICTN 6865 Fundamental Network Security
ICTN 6870 Advanced Network Security
ICTN 6873 Network Intrusion Detection and Incident Response
ICTN 6883 System Integrity for Information Technology

Web Technologies

Courses in this concentration prepare students to design, analyze, configure, implement, and operate web services, computer networks, multimedia objects, data storage systems, and interactive web components for governmental, private, and non-profit organizations.

ICTN 6815 Network Media Services
ICTN 6825 Dynamic Web Services
ICTN 6835 Enterprise Web Services
ICTN 6845 Web Site Development

3. Options - 3-6 s.h.

(Choose one of the following.)

Thesis option (3 s.h.)

The student writes a thesis and presents a seminar based on the thesis research. The thesis proposal and the subsequent thesis must be approved by the student’s advisor and the committee composed of three technology systems faculty members.

ICTN 7000 Thesis

Practicum option (3 s.h.)

The student writes a practicum report and presents a seminar based on the report. The practicum project proposal and the subsequent report must be approved by the student’s advisor and the committee composed
of three technology systems faculty members.

ICTN 6900 Practicum

Nonthesis option (6 s.h.)

The student's advisor, the graduate program director, and the chair must approve the electives and student's course of study.

New Core Integrated Accelerated Bachelor's/Master's of Science in Network Technology

The integrated accelerated bachelor's/master's program for the master of science in network technology is initiated while on-campus undergraduates are completing the bachelor of science in information computer technology and is intended for outstanding undergraduates in that program. For this integrated accelerated program, graduate student course work will begin in the students' fourth senior year of undergraduate study and be completed with one academic year of study beyond the bachelor's degree. Bachelor of science in information computer technology on-campus students may apply for the integrated accelerated program after completion of a minimum of 80 eligible undergraduate credit hours, and students can begin taking graduate courses after completion of a minimum of 95 eligible undergraduate credit hours. Up to 12 credit hours of graduate courses may be counted towards completion of both the undergraduate degree and master's degree. Students are required to take both ITEC 6000 and ITEC 6060 when starting the integrated accelerated program. Up to two additional 6000-level courses that are approved by the program coordinator may be counted towards completion of both degrees. The minimum GPA at the time of admission and entry to the program is a 3.3 major GPA and a 3.0 overall GPA. Students with less than a 3.3 overall GPA must also submit a GRE score to be considered. Students are formally admitted to the master's program after all requirements for the undergraduate degree are completed. Students applying to the integrated accelerated program will go through the
regular graduate application process with the following exceptions:- On the online graduate application form students will indicate in a check box that they are applying to an "integrated "accelerated program." - A letter of recommendation will be provided required by a faculty member/advisor in the department listing the proposed graduate courses to be counted towards both degrees, the intended date of completion of the undergraduate degree requirements, and the intended semester of assistantship eligibility. - A personal statement should address the applicant’s specific interest in network technology graduate education and the integrated accelerated program. This graduate program has a large selection of options for the students to choose from, including summer offerings for student selecting to begin their integrated accelerated program in the summer. Students are encouraged to work with their graduate faculty advisor to identify courses that match not only their program and concentration requirements but also to round out their undergraduate degree program.

Section IV - Program Revision(s)/Add or Delete Course(s)

STOP Stop here and make sure all REQUIRED fields are complete. The proposal will not LAUNCH if they are not all complete.

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Making changes to the program curriculum

If you are adding new course(s) to a Program, you need to add courses to the Curriculum BEFORE you add them to cores, electives, etc. Whether you are adding NEW, currently in the Curriculog Approval Process (from your New Course Proposal), or IMPORTING existing course(s) (already in the catalog), this is a two-
Accounting, BSBA

Return to: Degrees, Certificates, and other Undergraduate Programs

Program Coordinator: Dr. John T. Reisch (3400 Bate Building; 252-737-1051; reischj@ecu.edu)

The BSBA in accounting is intended for students who aspire to enter the accounting profession in the private and public sector (e.g., governmental, internal audit, and managerial accounting positions). It is not intended to prepare students for professional certification as a certified public accountant. If professional certification as a certified public accountant is desired, then students should refer to the requirements for the MSA degree program. Students pursuing the BSBA in accounting must earn a minimum grade of C (2.0) in accounting courses to satisfy any upper-level accounting course prerequisites. Also, to graduate, students must earn a minimum grade of C (2.0) and a minimum cumulative GPA of 2.0 in all 3000- and 4000-level accounting courses taken.

Minimum degree requirement is **120 s.h.** of credit as follows:

1. **General education requirements including those listed below - 40 s.h.**

(For information about courses that carry general education credit see *General Education Program*.)

- COMM 2020 - Fundamentals of Speech Communication or
- COMM 2410 – Public Speaking
- COMM 2420 – Business and Professional Communication or
- ECON 2113 - Principles of Microeconomics
- ECON 2133 - Principles of Macroeconomics
- MATH 1066 - Applied Mathematics for Decision Making or higher approved general education math course
- PHIL 1175 – Introduction to Ethics or
- PHIL 2274 - Business Ethics or
- PHIL 2275 - Professional Ethics

Choose 3 s.h. from:

- PSYC 1000 - Introductory Psychology
2. Cognates - 3 s.h.

- ENGL 3880 - Writing for Business and Industry
- MATH 2283 - Statistics for Business * or
- MATH 2228 – Elementary Statistical Methods I

Note: *This course can be used to meet the general education elective requirement.

3. Business core - 36 s.h.

- ACCT 2401 - Financial Accounting
- ACCT 2521 - Managerial Accounting
- FINA 2244 - Legal Environment of Business
- FINA 3724 - Financial Management
- MGMT 3302 - Management of Organizations
- MGMT 4842 - Strategic Management
- MIS 2223 - Introduction to Computers
- MIS 3063 - Introduction to Management Information Systems
- MKTG 3832 - Marketing Management
- OMGT 3123 - Operations and Supply Chain Management
- OMGT 3223 - Business Decision Modeling

Choose one international perspectives course from:

- ACCT 4451 - International Accounting
- FINA 4454 - International Finance
- MGMT 3352 - International Business
- MKTG 3852 - Cultural Environment of International Business
- MKTG 4992 - International Marketing

4. Concentration - 24 s.h.
Accounting:

- ACCT 3551 - Intermediate Accounting I
- ACCT 3561 - Intermediate Accounting II
- ACCT 3621 - Cost Accounting
- ACCT 3731 - Advanced Accounting
- ACCT 3851 - Accounting Information Systems
- ACCT 4611 - Taxation for Decision Making
- ACCT 4631 - Internal Auditing
- ACCT 4641 - Governmental and Not-for-Profit Accounting

5. Leadership and professional development - 9 s.h.

- BUSI 1200 - Strategy First
- BUSI 2200 - Experiential Leadership: Teams in Action
- BUSI 3200 - Professional Development and Ethical Leadership
- BUSI 4200 - Leadership Capstone
- Leadership and Professional Development Portfolio must be completed prior to graduation.

6. General electives to complete requirements for graduation.
Biochemistry, BS

Program Coordinator: Jean-Luc Scemama (105-N Howell Science Complex; 252-328-6313; scemamaj@ecu.edu)
Chemistry Concentration Program Coordinator: Allison Danell (591 Science and Technology Building; 252-328-9766; danella@ecu.edu)

The purpose of the BS biochemistry degree program is to: prepare our students with the knowledge and confidence to apply the scientific method in biochemical research; train our students to communicate scientific discoveries in standard scientific formats; educate our students so they understand, and are able to apply, foundational biochemical concepts necessary for graduate education or a career in the biochemical sciences.

Minimum degree requirement is **120 s.h.** of credit as follows:

1. **General education requirements including those listed below - 40 s.h.**

   (For information about courses that carry general education credit see *General Education Program*.)

   - CHEM 1150 - General Chemistry I
   - CHEM 1151 - General Chemistry Laboratory I
   - MATH 1065 - College Algebra or an approved general education calculus course

2. **Core - 32 s.h.**

Biology (15 s.h.)

   - BIOL 1100 - Principles of Biology I
   - BIOL 1101 - Principles of Biology Laboratory I
   - BIOL 1200 - Principles of Biology II
• BIOL 1201 - Principles of Biology Laboratory II
• BIOL 4880 - Principles of Biochemistry I
• BIOL 4890 - Principles of Biochemistry II
• BIOL 4891 - Principles of Biochemistry Laboratory

Chemistry (17 s.h.)

• CHEM 1160 - General Chemistry II
• CHEM 1161 - General Chemistry Laboratory II
• CHEM 2250 - Quantitative and Instrumental Analysis
• CHEM 2251 - Quantitative and Instrumental Analysis Laboratory
• CHEM 2750 - Organic Chemistry I
• CHEM 2753 - Organic Chemistry Laboratory I
• CHEM 2760 - Organic Chemistry II
• CHEM 2763 - Organic Chemistry Laboratory II

3. Cognates - 25 s.h.

• MATH 1083 - Introduction to Functions
• MATH 2171 - Calculus I
• MATH 2172 - Calculus II
• MATH 2173 - Calculus III
• PHYS 1251 - General Physics Laboratory I
• PHYS 1261 - General Physics Laboratory II
• PHYS 2350 - University Physics I
• PHYS 2360 - University Physics II

4. Concentrations - 20-22 s.h.

(Choose one of the following.)

Biology (22 s.h.)

Required courses - 6 s.h.
• BIOL 2300 - Principles of Genetics
• BIOL 3260 - Cell and Developmental Biology

Electives - 16 s.h.

(Choose from the following.)

• BIOL 2100 - Basic Laboratory Methods for Biotechnology
• BIOL 2101 - Basic Laboratory Methods for Biotechnology Laboratory
• BIOL 3220 - Microbiology
• BIOL 3221 - Microbiology Laboratory
• BIOL 4230 - Concepts in Cell Biology
• BIOL 4260 - Cell Biology
• BIOL 5870 - Molecular Biology of the Gene
• BIOL 5900 - Biotechniques
• BIOL 5901 - Biotechniques Laboratory
• MATH 4331 - Introduction to Ordinary Differential Equations
• 3 hours of research in biology or chemistry (BIOL 3550, BIOL 4504, BIOL 4514, BIOL 4550; CHEM 4505, CHEM 4506, CHEM 4507, CHEM 4515, CHEM 4516, CHEM 4517)

Chemistry (20 s.h.)

Required courses - 10 s.h.

• CHEM 3950 - Physical Chemistry I
• CHEM 3951 - Physical Chemistry I Laboratory
• CHEM 3960 - Physical Chemistry II
• CHEM 3961 - Physical Chemistry II Laboratory

Electives - 10 s.h.

(Choose from the following.)

• BIOL 2300 - Principles of Genetics
• CHEM 3450 - Elementary Inorganic Chemistry
• CHEM 3451 - Elementary Inorganic Chemistry Laboratory
- CHEM 4350 - Instrumental Analysis
- CHEM 4351 - Instrumental Analysis Laboratory
- CHEM 4522 - Pharmaceutical Industry Skills Laboratory: Good Manufacturing Practices
- CHEM 4550 - Advanced Inorganic Chemistry
- CHEM 5760 - Organic Structure Elucidation
- MATH 4331 - Introduction to Ordinary Differential Equations
- 3 hours of research in biology or chemistry (BIOL 3550, BIOL 4504, BIOL 4514, BIOL 4550; CHEM 4505, CHEM 4506, CHEM 4507, CHEM 4515, CHEM 4516, CHEM 4517)

5. Electives to complete requirements for graduation.
Biology (General), BS

Program Coordinator: Jean-Luc Scemama (105-N Howell Science Complex; 252-328-6313; scemamaj@ecu.edu)

The core curriculum in biology is intended to give majors a background in biodiversity, cell biology, evolution, ecology, genetics, molecular biology, and physiology. BIOL 1100, BIOL 1101, BIOL 1200, BIOL 1201, and BIOL 2300 constitute the core curriculum. Lecture courses having laboratory components that carry independent credit may or may not be required as corequisites (see appropriate catalog descriptions). Laboratory components carrying no credit are corequisites. All students must take a departmentally administered assessment examination before graduation. Scores from this examination will not be used in the calculation of GPA or for academic standing.

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

   (For information about courses that carry general education credit see General Education Program.)

   - CHEM 1150 - General Chemistry I
   - CHEM 1151 - General Chemistry Laboratory I

   - MATH 1065 - College Algebra or higher approved general education math course or
   - MATH 2121 - Calculus for the Life Sciences I or
   - MATH 2171 - Calculus I

2. Core - 11 s.h.

   - BIOL 1100 - Principles of Biology I
   - BIOL 1101 - Principles of Biology Laboratory I
- BIOL 1200 - Principles of Biology II
- BIOL 1201 - Principles of Biology Laboratory II
- BIOL 2300 - Principles of Genetics

3. Concentrations

(Choose one.)

Biology (30 s.h.)

Required lecture courses (12 s.h.)

- BIOL 2250 - Ecology
- BIOL 3030 - Principles of Physiology
- BIOL 3260 - Cell and Developmental Biology
- BIOL 3620 - Biological Evolution

Electives (18 s.h.)

- Choose at least one elective from the ecology/evolution concentration specific electives list.
- Choose at least one elective from the molecular/cell biology concentration specific electives list.
- Choose at least one laboratory course.
- Choose 10-12 s.h. of biology electives including 2 classes at the 3000 or 4000 level.

Ecology/evolution (31 s.h.)

Required lecture courses (10 s.h.)

- BIOL 2250 - Ecology
- BIOL 2251 - Ecology Laboratory
• BIOL 3030 - Principles of Physiology or
  • BIOL 3260 - Cell and Developmental Biology

• BIOL 3620 - Biological Evolution

Electives (21 s.h.)

• Choose 12 s.h. from the ecology/evolution concentration specific electives list (choose at least one course in organismal diversity and one course in ecological/evolutionary processes).
• Choose 3 s.h. from the molecular/cell biology concentration specific electives list.
• Choose 6 s.h. of any biology electives (at least one class must be at the 3,000 or 4,000 level).

Molecular/cell biology (30 s.h.)

Required lecture courses (9 s.h.)

• BIOL 2250 - Ecology or
  • BIOL 3620 - Biological Evolution

• BIOL 3030 - Principles of Physiology
  • BIOL 3260 - Cell and Developmental Biology

Electives (21 s.h.)

• Choose at least 12 s.h. from the molecular/cell biology concentration specific electives list.
• Choose 3 s.h. from the ecology/evolution concentration specific electives list.
• Choose 6 s.h. of any biology electives (at least one class must be at the 3,000 or 4,000 level).

4. Concentration specific electives

Ecology/evolution

a. Organismal diversity

BIOL 3070, BIOL 3071; BIOL 3150; BIOL 3230, BIOL 3231; BIOL 3240, BIOL 3241; BIOL 4400, BIOL 4500; BIOL 4600, BIOL 4601; BIOL 4770, BIOL 4771; BIOL 5150, BIOL 5151; BIOL 5220, BIOL 5221; BIOL 5230, BIOL 5231; BIOL 5550, BIOL 5551; BIOL 5640, BIOL 5641; BIOL 5950, BIOL 5951

b. Ecological/evolutionary process

BIOL 3660, BIOL 3661; BIOL 3740, BIOL 3741; BIOL 4130; BIOL 4200, BIOL 4201; BIOL 4205; BIOL 4210; BIOL 4240, BIOL 4250; BIOL 4300, BIOL 4301; BIOL 4320; BIOL 4440, BIOL 4441; BIOL 4500; BIOL 4560; BIOL 4740, BIOL 4741; BIOL 5260, BIOL 5261; BIOL 5270, BIOL 5600, BIOL 5601, BIOL 5680; BIOL 5740; GEOL 5300

Molecular/cell biology

BIOL 2100, BIOL 2101; BIOL 3220, BIOL 3221; BIOL 3310, BIOL 3311; BIOL 3320, BIOL 3321; BIOL 3820; BIOL 4030, BIOL 4040; BIOL 4050, BIOL 4051; BIOL 4060, BIOL 4061; BIOL 4130; BIOL 4170; BIOL 4205; BIOL 4220; BIOL 4230; BIOL 4260, BIOL 4270, BIOL 4650; BIOL 4800; BIOL 4880; BIOL 4890, BIOL 4891; BIOL 5260, BIOL 5261; BIOL 5450, BIOL 5451; BIOL 5870; BIOL 5890; BIOL 5900, BIOL 5901; CHEM 2770

5. Cognates - 26 s.h.

• CHEM 1160 - General Chemistry II
- CHEM 1161 - General Chemistry Laboratory II
- CHEM 2750 - Organic Chemistry I
- CHEM 2753 - Organic Chemistry Laboratory I
- CHEM 2760 - Organic Chemistry II
- CHEM 2763 - Organic Chemistry Laboratory II
- MATH 2121 - Calculus for the Life Sciences I or
- MATH 2171 – Calculus I
- MATH 2122 - Calculus for the Life Sciences II or
- MATH 2172 – Calculus II
- PHYS 1250 - General Physics I
- PHYS 1260 - General Physics II
- PHYS 1251 - General Physics Laboratory I
- PHYS 1261 - General Physics Laboratory II

6. Research skills - 6 s.h.

- BIOS 1500 - Introduction to Biostatistics or
- MATH 2228 - Elementary Statistical Methods I or
- MATH 2283 - Statistics for Business or
- PSYC 2101 – Psychology Statistics
- ENGL 3820 - Scientific Writing or
- ENGL 3880 – Writing for Business and Industry or
- ITEC 3290 – Technical Writing

7. Electives to complete requirements for graduation.
Chemistry, BA

Program Coordinator: Allison Danell (591 Science and Technology Building; 252-328-9766; danella@ecu.edu)

The BA program provides a flexible major designed to provide the student with a broad education in chemistry appropriate for further study in a wide range of fields, such as business, medicine, pharmacy, and law as well as careers dependent on a basic knowledge in chemistry. The BA in chemistry, in conjunction with two semesters of laboratory-based biology courses, satisfies the course requirements for application to most US medical schools. It is different than the BS degree in the required chemistry, math, and physics courses. Any of the required major courses or cognates, however, may be replaced by courses that cover the same topics at a more advanced level. For example, CHEM 3950, CHEM 3960 may be taken instead of CHEM 3850. It is the student’s responsibility to ensure that the prerequisites for such courses have been met. If a student successfully completes a higher-level cognate course after bypassing the lower-level prerequisite course(s), he/she may use free electives to substitute for the prerequisite hours. All students are required to take a departmentally administered assessment examination before graduation. Scores from this examination will not be included in the calculation of GPA for academic standing. The performance on this exam will be noted on the student’s transcript.

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- MATH 1065 - College Algebra or
- MATH 2121 - Calculus for the Life Sciences I or
- MATH 2171 - Calculus I

- PHYS 1250 - General Physics I
- PHYS 1260 - General Physics II
- PHYS 1251 - General Physics Laboratory I
- PHYS 1260 - General Physics II
2. Demonstrated foreign language proficiency through level 2004 - 12 s.h.

(For information about the foreign language requirement see Special Requirements for the BA Degree and Placement Testing, Foreign Language.)

3. Core - 30 s.h.

- CHEM 1150 - General Chemistry I
- CHEM 1151 - General Chemistry Laboratory I
- CHEM 1160 - General Chemistry II
- CHEM 1161 - General Chemistry Laboratory II
- CHEM 2250 - Quantitative and Instrumental Analysis
- CHEM 2251 - Quantitative and Instrumental Analysis Laboratory
- CHEM 2750 - Organic Chemistry I
- CHEM 2753 - Organic Chemistry Laboratory I
- CHEM 2760 - Organic Chemistry II
- CHEM 2763 - Organic Chemistry Laboratory II
- CHEM 3450 - Elementary Inorganic Chemistry
- CHEM 3451 - Elementary Inorganic Chemistry Laboratory
- CHEM 3850 - Introduction to Physical Chemistry
- CHEM 3851 - Introduction to Physical Chemistry Laboratory

4. Cognates - 7-14 s.h.

Choose one of the following sequences:

- MATH 2121 - Calculus for the Life Sciences I
- MATH 2122 - Calculus for the Life Sciences II

- MATH 1083 - Introduction to Functions or
- MATH 1085 - Pre-Calculus Mathematics

and

- MATH 2171 - Calculus I
• MATH 2172 - Calculus II

• PHYS 1261 - General Physics Laboratory II

5. Electives to complete requirements for graduation.
Elementary Education (K-6), BS

Program Coordinator: Mark L’Esperance (230 Speight Building; 252-328-1136; lesperancem@ecu.edu)

Minimum degree requirement is 125 s.h. of credit as follows:

1. General education requirements - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- ART 3850 - Art in the Elementary School
- MATH 2127 - Basic Concepts of Mathematics
- MUSC 3018 - Introduction to Basic Music Skills for Elementary School Teachers
- Choose 3 s.h. humanities (literature)*
- Choose 9 s.h. social science in 2 different areas
- Choose 7 s.h. natural science, include 1 science lab

Note:

*Children’s literature cannot be used to fulfill this requirement.

2. Professional studies - 30 s.h.

- EDTC 4001 - Technology in Education
- EDUC 3002 - Introduction to Diversity or SOCI 1010 Race, Gender, Class or PSYC 2777 Ethnocultural Psychology
- EDUC 3200 - Foundations of American Education
- EDUC 4400 - Foundations of School Learning, Motivation, and Assessment or PSYC 4305 - Educational Psychology
- ELEM 2123 - Early Experience for the Prospective Teacher
- ELEM 4324 - Internship in the Elementary School
- ELEM 4325 - Internship Seminar: Issues in Elementary Education
- READ 3301 - Reading Instruction in the Primary Grades
- SPED 4020 - Teaching Students with Exceptionalities in Elementary Classrooms

3. Academic concentration - 18 s.h.*

(See Academic Concentration.)
Note:

*A maximum of 6 s.h. may be counted toward general education requirements. The reading concentration is an exception; 12 s.h. of program requirements may be counted - ELEM 3200; ENGL 3950 or LIBS 4950; READ 3301, READ 3302.

4. Specialty area - 41 s.h.

- ELEM 3000 - Curriculum and Standards in Elementary School
- ELEM 3100 - Learning and Instruction in Elementary School
- ELEM 3200 - Language Arts in Elementary School
- ELEM 3300 - K-2 Practicum
- ELEM 3500 - Teaching Social Studies in Elementary School
- ELEM 3600 - Grades 3-5 Practicum
- ELEM 4300 - Classroom Organization and Management in Elementary School
- ELEM 4400 - Assessment for Elementary Educators
- ELEM 4500 - Internship I
- MATE 3050 - Mathematics and Methods for Grades Pre-K-2
- MATE 3051 - Field Experience in Mathematics Grades K-2
- MATE 3060 - Mathematics and Methods for Grades 3-6
- READ 3302 - Reading Instruction in the Intermediate Grades
- SCIE 3216 - Teaching Science in the Elementary School

5. Cognate - 5 s.h.

- ENGL 3950 - Literature for Children or
- LIBS 4950 - Literature for Children
- MATE 2129 - Basic Concepts of Mathematics II

Note:

One of the above literature for children courses may be counted toward general education requirements. Please discuss this option with your academic advisor prior to registration.
Environmental Health, BS

Program Coordinator: William Hill (3404 Carol Belk Building; 252-737-1475; hillw@ecu.edu)

A minimum GPA of 2.0 in all 1000 level basic science and math courses, a minimum cumulative GPA of 2.0 on at least 30 s.h., and completion of EHST 2110 are required for admission to the professional phase of the environmental health sciences curriculum. Environmental health majors must pass all environmental health courses with a minimum grade of C- (1.7). A student earning a D (1.0 or lower) in any of these courses must petition the environmental health sciences faculty for probationary continuation. Minimum degree requirement is 125 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

Required:

- BIOL 1050 - General Biology
- BIOL 1051 - General Biology Laboratory
- MATH 1065 - College Algebra

Recommended:

(Choose 9 s.h. from the below courses.)

- HIST 1051 - American History Since 1877
- PSYC 1000 - Introductory Psychology
- RCLS 2601 - Leisure in Society
- SOCI 2110 - Introduction to Sociology

2. Common core - 42 s.h.
Select from the following with advisor approval:

- EHST 2110 - Introduction to Environmental Health Sciences
- EHST 3003 - Environmental Epidemiology
- EHST 3200 - Food Sanitation Principles
- EHST 3201 - Food Sanitation Principles Laboratory
- EHST 3350 - Safe Water
- EHST 3351 - Safe Water Laboratory
- EHST 3370 - Waste Water Management
- EHST 3371 - Waste Water Management Laboratory
- EHST 3600 - Air Pollution
- EHST 3700 - Industrial Hygiene
- EHST 3701 - Industrial Hygiene Laboratory
- EHST 4010 - Toxicological Foundations of Risk Assessment
- EHST 4200 - Environmental Health Management and Law
- EHST 4300 - Institutional and Recreational Sanitation and Laboratory
- EHST 4301 - Institutional and Recreational Sanitation and Laboratory
- EHST 4350 - Vector Borne Disease Ecology and Laboratory
- EHST 4351 - Vector Borne Disease Ecology and Laboratory
- EHST 4990 - Environmental Health Internship
- EHST 5001 - Seminar in Environmental Health
- EHST 5800 - Solid and Hazardous Waste Management and Laboratory
- EHST 5801 - Solid and Hazardous Waste Management and Laboratory

3. Cognates - 31 30 s.h.

Required cognates - 25 24 s.h.

- BIOL 2110 - Fundamentals of Microbiology
- BIOL 2111 - Fundamentals of Microbiology Laboratory
- BIOL 2130 - Survey of Human Physiology and Anatomy *
- CHEM 1150 - General Chemistry I
- CHEM 1151 - General Chemistry Laboratory I
- CHEM 1160 - General Chemistry II
- CHEM 1161 - General Chemistry Laboratory II
- CHEM 2650 — Organic Chemistry for the Life Sciences
- CHEM 2651 — Organic Chemistry Lab for the Life Sciences
- CHEM 2750 — Organic Chemistry I
- CHEM 2753 — Organic Chemistry Laboratory I
• PHYS 1250 - General Physics I
• PHYS 1251 - General Physics Laboratory I
• MATH 2228 - Elementary Statistical Methods I or
• BIOS 1500 - Introduction to Biostatistics

Note:

* This course can count towards general education requirements.

**Recommended cognates - 6 s.h.**

(Choose at least 6 s.h. from the below courses.)

• MIS 2223 - Introduction to Computers
• PHYS 1260 - General Physics II
• PHYS 1261 - General Physics Laboratory II
• GEOG 3220 - Soil Properties, Surveys, and Applications
• or
• GEOL 5710 - Ground Water Hydrology
• GEOL 5711 - Ground Water Hydrology Laboratory
• MATH 2119 - Elements of Calculus
• MATH 2121 - Calculus for the Life Sciences I

**4. General electives to complete requirements for graduation.**

(Choose at least 6 s.h. of EHST electives from the 3000-level and above.)
Finance, BSBA

Return to: Catalog Search

Finance Concentration Program Coordinator: Scott Below (3200 Bate Building; 252-328-6365; belows@ecu.edu)
Risk Management Concentration Program Coordinator: Brenda Wells (3113 Bate Building; 252-329-6372; wellsbr@ecu.edu)

The BSBA in finance offers the student an opportunity to study a wide variety of financial topics. Concentrations are offered in finance and risk management and insurance. Finance concentration students interested in corporate or managerial finance should consider choosing among the following courses as possible electives: ACCT 3551, ACCT 3621, FINA 4414, FINA 4454, FINA 4734. Note: Students with an interest in banking or investments should consider the following courses as possible electives: FINA 4404, FINA 4404, FINA 4414, FINA 4734, and FINA 4964. Students with an interest in international finance should consider FINA 4404, FINA 4414, FINA 4454, and FINA 4964 as possible electives. Students with an interest in real estate should consider FINA 3554, FINA 4604, FINA 4654, and FINA 4964 as possible electives.

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- COMM 2020 - Fundamentals of Speech Communication or
- COMM 2410 – Public Speaking
- ECON 2113 - Principles of Microeconomics
- ECON 2133 - Principles of Macroeconomics
- MATH 1066 - Applied Mathematics for Decision Making or higher approved general education math course
- PHIL 1175 – Introduction to Ethics or
- PHIL 2274 - Business Ethics or
- PHIL 2275 - Professional Ethics

Choose 3 s.h. from:

- PSYC 1000 - Introductory Psychology
2. Cognates - 6 s.h.

- ENGL 3880 - Writing for Business and Industry
- MATH 2283 - Statistics for Business * or
- MATH 2228 – Elementary Statistical Methods I *

Note:

* This course can be used to meet the general education elective requirement.

3. Business core - 36 s.h.

- ACCT 2401 - Financial Accounting
- ACCT 2521 - Managerial Accounting
- FINA 2244 - Legal Environment of Business
- FINA 3724 - Financial Management
- MGMT 3302 - Management of Organizations
- MGMT 4842 - Strategic Management
- MIS 2223 - Introduction to Computers
- MIS 3063 - Introduction to Management Information Systems
- MKTG 3832 - Marketing Management
- OMGT 3123 - Operations and Supply Chain Management
- OMGT 3223 - Business Decision Modeling

Choose one international perspectives course from:

- ACCT 4451 - International Accounting
- FINA 4454 - International Finance
- MGMT 3352 - International Business
- MKTG 3852 - Cultural Environment of International Business
- MKTG 4992 - International Marketing

4. Concentrations - 18 s.h.
(Choose one.)

**Finance concentration:**

- FINA 3144 - Financial Markets
- FINA 3824 - Financial Analysis and Planning
- FINA 3904 - Investments

Choose 9 s.h. from (a minimum 6 s.h. must be above 3999 or have an ACCT prefix):

- ACCT 3551 - Intermediate Accounting I
- ACCT 3621 - Cost Accounting
- FINA 3154 - Principles of Risk Management and Insurance
- FINA 3554 - Principles of Real Estate
- FINA 4404 - Security Analysis and Portfolio Management
- FINA 4414 - Derivatives and Financial Risk Management
- FINA 4454 - International Finance
- FINA 4604 - Real Estate Financing
- FINA 4654 - Commercial Bank Management
- FINA 4734 - Financial Management II
- FINA 4961 - Topics in Finance
- FINA 4964 - Topics in Finance

**Risk management and insurance concentration:**

- FINA 3154 - Principles of Risk Management and Insurance
- FINA 3544 - Commercial Property Insurance
- FINA 3564 - Commercial Liability Insurance
- FINA 4500 - Risk Management I
- FINA 4700 - Advanced Risk and Insurance Topics

Choose 3 s.h. from

- FINA 3904 - Investments
- FINA 4600 - Risk Management II
- FINA 4750 - Insurance Market Operations
- FINA 4964 - Topics in Finance
• MKTG 4762 - Services Marketing

5. Leadership and professional development - 9 s.h.

• BUSI 1200 - Strategy First
• BUSI 2200 - Experiential Leadership: Teams in Action
• BUSI 3200 - Professional Development and Ethical Leadership
• BUSI 4200 - Leadership Capstone
• Leadership and Professional Development Portfolio must be completed prior to graduation.

6. Electives to complete requirements for graduation.
Health Fitness Specialist, BS

Program Coordinator: Rhonda Kenny (169 Minges Coliseum; 252-328-0006; kennyr@ecu.edu)

The health fitness specialist program provides competencies and knowledge for students to develop and conduct health and fitness programs in commercial, corporate, clinical and community settings. This program is endorsed by the National Strength and Conditioning Association. A minimum cumulative 2.0 GPA is required for admission as well as successful completion of the majors’ fitness test. Students must have nine semester hours of writing intensive credit from general education. A minimum grade of C- (1.7) in all KINE courses is required to complete the degree.

Minimum degree requirement is **125 s.h.** of credit as follows:

1. **General education requirements including those listed below - 40 s.h.**

(For information about courses that carry general education credit see General Education Program.)

- BIOL 1050 - General Biology
- BIOL 1051 - General Biology Laboratory

  or

- BIOL 1100 - Principles of Biology I
- BIOL 1101 - Principles of Biology Laboratory I

  or

- BIOL 1150 - Principles of Biology: A Human Approach
- BIOL 1151 - Principles of Biology: A Human Approach Discussion

- COMM 2020 - Fundamentals of Speech Communication or
- COMM 2410 - Public Speaking

- MATH 1065 - College Algebra
- PHYS 1250 - General Physics I
- PSYC 1000 - Introductory Psychology
- PSYC 3206 - Developmental Psychology

2. Core - 46 s.h.

- KINE 1101 - Physical Conditioning
- KINE 1114 - Group Fitness Activities
- KINE 2000 - Introductory Exercise and Sport Science
- KINE 2202 - Motor Learning and Performance
- KINE 2850 - Structural Kinesiology
- KINE 3800 - Measurement of Physical Activity and Fitness
- KINE 3801 - Measurement of Physical Activity and Fitness Laboratory
- KINE 3805 - Physiology of Exercise
- KINE 3806 - Physiology of Exercise Laboratory
- KINE 3850 - Introduction to Biomechanics
- KINE 3880 - Personal Fitness Training
- KINE 3881 - Personal Fitness Training Laboratory
- KINE 4020 - Exercise Adherence
- KINE 4030 - Physical Activity and Aging
- KINE 4801 - Pre-internship Seminar for Health Fitness Specialist
- KINE 4805 - Exercise Evaluation and Prescription Laboratory
- KINE 4806 - Exercise Evaluation and Prescription
- KINE 4850 - Exercise Leadership
- Choose 4 s.h. of KINE electives
- Choose 3 s.h. of approved KINE electives at or above the 3000 level

Choose 3 s.h. from the following:

- ATEP 2800 - Medical Nomenclature for Human Performance
- ATEP 3350 - Concepts in Pharmacology
- HLTH 2125 - Safety Education and First Aid
- HLTH 2126 - Safety Education and First Aid Laboratory
- HLTH 3002 - Women's Health Across the Lifespan
- HLTH 3010 - Health Problems I
- HLTH 3020 - Health Disparities
- HLTH 3050 - Public Health Systems and Policy
- HLTH 5900 - Stress Management

3. Cognates - 21 s.h.
- BIOL 2130 - Survey of Human Physiology and Anatomy

  or

- BIOL 2150 - Human Physiology and Anatomy II and
- BIOL 2151 - Human Physiology and Anatomy II Laboratory

- BITE 2112 - Introduction to Information Processing Technology or
- MIS 2223 - Introduction to Computers or
- KINE 2050 - Computer Applications in Exercise and Sport Science or
- MATH 2228- Elementary Statistical Methods 1

- CHEM 1020 - General Descriptive Chemistry

  or

- CHEM 1150 - General Chemistry I and
- CHEM 1151 - General Chemistry Laboratory I

- HLTH 2220 - Injury Prevention and Care Related to Physical Activity
- HLTH 4200 - Planning and Evaluation in Health Promotion
- NUTR 1000 – Contemporary Nutrition or
- NUTR 2105 - Nutrition Science
- PHYS 1251 - General Physics Laboratory I

**4. Internship - 12 s.h.**

- KINE 4800 - Internship in Health Fitness

**5. Electives to complete requirements for graduation.**
History, Secondary Education, BS

Program Coordinator: William Morgan (252-328-6181; morganwi@ecu.edu)

A minimum GPA of 2.7 required for admission to the program. History education majors must have a minimum grade of C (2.0) in EDTC 4001; EDUC 4400 or PSYC 4305; HIED 2123, HIED 3001, HIED 3010, HIED 4010, HIED 4323; HIST 5135; PSYC 3206; READ 3990 or READ 5317; and SPED 4010. For information about NC teacher licensure requirements see Licensure.

Minimum degree requirement is 126 s.h. of credit as follows:

1. General education and special requirements for licensure including those listed below - 40 s.h.

   (For information about courses that carry general education credit see General Education Program.)

   COMM 2410 - Public Speaking

   MATH 1065 - College Algebra or higher approved general education math course

   Choose a literature course

   May count cognates in 4.3. below, that also meet general education requirements

2. Core - 33 s.h.

   HIST 1030 - World Civilizations to 1500
   HIST 1031 - World Civilizations Since 1500
   HIST 1050 - American History to 1877
   HIST 1051 - American History Since 1877

   HIST 3000 - History: Its Nature and Method

   HIST 3240 - The Age of Franklin Roosevelt, 1919-1945
   HIST 3245 - The United States Since 1945
   HIST 3260 - The United States and the Middle East, 1783 to the Present

   HIST 5135 - Problems in North Carolina History

   Choose two electives above 2999
3. Cognates - 27 s.h.

(May count toward the general education social science requirement.)

ANTH 1000 - Introduction to Anthropology or
ANTH 2010 - Societies Around the World

ECON 2113 - Principles of Microeconomics
ECON 2133 - Principles of Macroeconomics

GEOG 2100 - World Geography: Developed Regions
GEOG 2110 - World Geography: Less Developed Regions

POLS 1010 - National Government
PSYC 1000 - Introductory Psychology
PSYC 3206 - Developmental Psychology
SOCI 2110 - Introduction to Sociology
Choose one POLS course above 2999

4. Professional courses - 35 s.h.

EDTC 4001 - Technology in Education
EDUC 3200 - Foundations of American Education

EDUC 4400 - Foundations of School Learning, Motivation, and Assessment or
PSYC 4305 - Educational Psychology

HIED 2123 - Early Experiences for the Prospective Teacher
HIED 3001 - Teaching Civics and Economics in the Secondary Classroom
HIED 3010 - History Curriculum and Planning in the Secondary Classroom
HIED 4010 - Assessment in Secondary Social Studies
HIED 4323 - The Teaching of Social Studies in High School
HIED 4324 - Internship in History and Social Studies
HIED 4325 - Internship Seminar: Issues in Social Studies Education
READ 3990 - Teaching Reading in the Content Areas in the Secondary School
SPED 4010 - Effective Instruction in Inclusive Classrooms

5. Electives to complete requirements for graduation.
Hospitality Management, BS

Program Coordinator: Robert O’Halloran (148 Rivers Building; 252-737-1603; ohalloranr@ecu.edu)

A minimum grade of C- (1.7) must be earned in each HMGT course. Minimum degree requirement is 124 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- ECON 2113 - Principles of Microeconomics
- MATH 1066 - Applied Mathematics for Decision Making or approved higher general education MATH course

2. Common core - 45 s.h.

- HMGT 1350 - Introduction to Hospitality Management
- HMGT 1500 - Multicultural Hospitality Management
- HMGT 2100 - Lodging Management I
- HMGT 2170 - Hospitality Services Management
- HMGT 2200 - Introduction to Conventions and Special Events
- HMGT 2300 - Principles of Food Preparation and Menu Planning
- HMGT 2301 - Principles of Food Preparation and Menu Planning Laboratory
- HMGT 2591 - Field Experience in Hospitality Management I
- HMGT 3200 - Dimensions of Tourism
- HMGT 3750 - Hospitality Facilities Management
- HMGT 4244 - Hospitality Law
- HMGT 4308 - Cost Controls for Hospitality Operations
- HMGT 4440 - Hospitality Marketing
- HMGT 4450 - Hospitality Human Resource Management
- HMGT 4650 - Hospitality Financial Management
- HMGT 4700 - Hospitality Management Current Issues Seminar
3. Concentrations - 18 s.h.

(Choose one.)

**Convention and special events management concentration:**

- HMGT 3400 - Meeting, Event, and Convention Planning
- HMGT 3992 - Field Experience in Conventions and Special Events Management or HMGT 3990 or HMGT 3991
- HMGT 4040 - Producing Meetings, Events, and Conventions
- HMGT 4400 - Convention Sales and Services Management
- Select two 3000 or 4000-level HMGT courses in addition to core and concentration courses.

**Food and beverage management concentration:**

- HMGT 3300 - Principles of Classical Cuisine
- HMGT 3301 - Principles of Classical Cuisine Lab
- HMGT 3991 - Field Experience in Food and Beverage Management or HMGT 3990 or HMGT 3992
- HMGT 4120 - Wine and Beverage Management
- HMGT 4300 - Advanced Food Production and Service Management
- HMGT 4301 - Advanced Food Production and Service Management Lab
- Select two 3000 or 4000-level HMGT courses in addition to core and concentration courses.

**Lodging management concentration:**

- HMGT 3600 - Lodging Management II
- HMGT 3990 - Field Experience in Lodging Management or HMGT 3991 or HMGT 3992
- HMGT 4100 - Lodging Revenue Management
- HMGT 4300 - Advanced Food Production and Service Management
- HMGT 4301 - Advanced Food Production and Service Management Lab
- Select two 3000 or 4000-level HMGT courses in addition to core and concentration courses.
4. Business administration minor - 24 s.h.

(To view requirements for the business administration minor, click on this link.)

**Note:**

**ECON 2113** and **MATH 2283** (a required business administration minor courses) will also count toward the total general education requirement for this degree.
http://catalog.ecu.edu/preview_program.php?catoid=12&poid=2954&returnto=909

Interior Design, BS

Program Coordinator: Katherine Swank (331-RW Rivers Building; 252-328-1362; swankk@ecu.edu)

The interior design major is accredited by the Council for Interior Design Accreditation (CIDA), the National Association of Schools of Art and Design (NASAD), and the National Kitchen and Bath Association (NKBA).

Students can declare the interior design major upon entry to the university or at a later time if they are in good academic standing (2.0 or higher GPA). Admission into professional-level courses requires: completion of IDSN 1081, IDSN 1180, IDSN 1181, IDSN 1200, and IDSN 1500, with a C (2.0) or higher; a cumulative GPA of at least 2.5; and an acceptable level of proficiency in studio work as shown in the portfolio review.

Portfolio Review: Upon completion of IDSN foundation courses, students submit portfolios which contain representative work from IDSN 1081, IDSN 1181, and IDSN 1500. This work is evaluated by the interior design faculty, who recommend whether students are prepared to enter the professional-level interior design courses. Students who do not meet the level of proficiency needed for the professional-level courses have the opportunity to resubmit a portfolio a maximum of two additional times. Meeting the minimum standards does not guarantee entry into the professional level. Admission to professional-level courses is competitive and limited.

Policy on Student Projects: The IDMR department reserves the right to retain, exhibit, and reproduce design projects submitted by students for class assignments for the purpose of complying with accreditation and program requirements. Work submitted for grades is the property of the department until it is returned to the students.

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- ECON 2113 - Principles of Microeconomics
- MATH 1065 - College Algebra or higher approved general education math course
- PSYC 1000 - Introductory Psychology
- PSYC 3221 - Social Psychology

Choose 6 s.h. from:
- ARTH 1905 - The Dimensions of Art
- ARTH 1906 - Art History Survey
- ARTH 1907 - Art History Survey

2. Core - 54 s.h.

- IDSN 1081 - Drawing for the Interior Designer
- IDSN 1180 - Interior Design Fundamentals
- IDSN 1181 - Interior Design Fundamentals Laboratory
- IDSN 1200 - Interior Design Seminar I
- IDSN 1500 - Color and Light in Interior Design
- IDSN 2101 - Interior Design Communication
- IDSN 2102 - Interior Design Studio I
- IDSN 2103 - Historic Interiors I
- IDSN 2200 - Interior Design Seminar II
- IDSN 2201 - Interior Design Materials and K&B
- IDSN 2202 - Interior Design Studio II
- IDSN 2203 - Historic Interiors II
- IDSN 3101 - Interior Design Systems
- IDSN 3102 - Interior Design Studio III
- IDSN 3200 - Interior Design Seminar III
- IDSN 3201 - Interior Design Professional Practice
- IDSN 3202 - Interior Design Studio IV
- IDSN 3203 - Interior Design Internship
- IDSN 4102 - Interior Design Studio V
- IDSN 4202 - Interior Design Studio VI

3. Cognates - 12 s.h.

- ACCT 2101 - Survey of Financial and Managerial Accounting or
- ACCT 2401 - Financial Accounting
- MKTG 3832 - Marketing Management

Choose 6 s.h. from:
• MKTG 4362 - Retail Management
• MKTG 4752 - Integrated Marketing Communication
• MKTG 4790 - Distribution Management
• MKTG 4975 - Digital Marketing
• MKTG 4992 - International Marketing

4. Restricted electives - 6 s.h.

Choose 6 s.h. from:

• CMGT 4320 - Global Sustainable Construction
• CMGT 4505 - Special Projects
• PLAN 4003 - Urban Form and Design
• PLAN 4046 - Planning and Design Studio
• PLAN 4050 - World Architecture and Urbanism
• PLAN 5985 - Historic Preservation Planning

5. Unrestricted electives to complete requirements for graduation.

Return to: Degrees, Certificates, and other Undergraduate Programs
Management, BSBA

Entrepreneurship and Small Business Concentration Program Coordinator: Mike Harris (1200 Bate Building; 252-328-6836; harrismi@ecu.edu)
General Business Concentration Program Coordinator: Mike Harris (1200 Bate Building; 252-328-6836; harrismi@ecu.edu)
International Business Concentration Program Coordinator: Tope Bello (3107 Bate Building; 252-328-4856; bellot@ecu.edu)
Management Concentration Program Coordinator: (1200 Bate Building; 252-328-6836; harrismi@ecu.edu)

The BSBA in management offers students the opportunity to acquire knowledge in the management of human and physical resources and to acquire skills useful in the management of domestic and international organizations.

Minimum degree requirement is 120 s.h. of credit as follows:

1. **General education requirements including those listed below - 40 s.h.**

(For information about courses that carry general education credit see General Education Program.)

- COMM 2020 - Fundamentals of Speech Communication or
- COMM 2410 – Public Speaking
- ECON 2113 - Principles of Microeconomics
- ECON 2133 - Principles of Macroeconomics
- MATH 1066 - Applied Mathematics for Decision Making or higher approved general education math course
- PHIL 1175 – Introduction to Ethics or
- PHIL 2274 - Business Ethics or
- PHIL 2275 - Professional Ethics

Choose 3 s.h. from:

- PSYC 1000 - Introductory Psychology
• SOCI 2110 - Introduction to Sociology

2. Cognates - 6 s.h.

• ENGL 3880 - Writing for Business and Industry
• MATH 2283 - Statistics for Business * or
• MATH 2228 – Elementary Statistical Methods I *

Note:

* This course can be used to meet the general education elective requirement.

3. Business core - 36 s.h.

• ACCT 2401 - Financial Accounting
• ACCT 2521 - Managerial Accounting
• FINA 2244 - Legal Environment of Business
• FINA 3724 - Financial Management
• MGMT 3302 - Management of Organizations
• MGMT 4842 - Strategic Management
• MIS 2223 - Introduction to Computers
• MIS 3063 - Introduction to Management Information Systems
• MKTG 3832 - Marketing Management
• OMGT 3123 - Operations and Supply Chain Management
• OMGT 3223 - Business Decision Modeling

Choose 3 s.h. from:

(The following courses are international perspectives courses.)

• ACCT 4451 - International Accounting
• FINA 4454 - International Finance
• MGMT 3352 - International Business
• MKTG 3852 - Cultural Environment of International Business
• MKTG 4992 - International Marketing

(Choose one.)

Entrepreneurship and small business management concentration - 18 s.h.

- MGMT 4242 - Organizational Behavior or
- PSYC 3241 - Personnel and Industrial Psychology
- MGMT 4252 - Entrepreneurship
- MGMT 4262 - Small Business Management

Choose 9 s.h. from:

- FINA 3824 - Financial Analysis and Planning
- MGMT 4272 - Managing the Family Business
- MGMT 4352 - Management in a Global Economy
- MGMT 4402 - Human Resource Management
- MGMT 4482 - Managerial Negotiation
- MKTG 4362 - Retail Management
- MKTG 4662 - Marketing Research
- MKTG 4732 - Consumer Behavior
- MKTG 4752 - Integrated Marketing Communication
- OMGT 4743 - Purchasing and Materials Management

General business concentration - 18 s.h.

The concentration in general business offers students the opportunity to acquire a general overview of the skills necessary to manage human and physical resources. Although primarily designed for distance education students, students on campus may choose this concentration. Enrollment in this concentration will be limited by the resources available. Distance education students will receive priority in enrollment in distance education courses. Complete 18 s.h. of credit as detailed below:

- ACCT 4921 - Accounting for Business Professionals
- FINA 3144 - Financial Markets
- MGMT 4242 - Organizational Behavior or
Choose 3 s.h. from:

- FINA 3904 - Investments
- MGMT 4402 - Human Resource Management
- Other courses approved by advisor

International business concentration - 27 s.h.

Choose 18 s.h. from:

(The 3 s.h. business core international perspectives course requirement cannot be counted as part of this 18 s.h. requirement.)

- ACCT 4451 - International Accounting
- ANTH 2010 - Societies Around the World or POLS 2020 - Introduction to International Relations
- FINA 4454 - International Finance
- MGMT 3352 - International Business
- MGMT 4352 - Management in a Global Economy
- MKTG 3852 - Cultural Environment of International Business
- MKTG 4992 - International Marketing

Choose 9 s.h. from one of the following world regions:

(These courses are chosen by the student. No more than two courses should be chosen from any one department.)

Africa/Middle East:

- ANTH 3003 - Cultures of Africa
• COMM 3180 - Intercultural Communication
• COMM 3390 - International News
• ECON 3353 - Development Economics
• FORL 2624 - Francophone Literature of Africa in Translation
• GEOG 2110 - World Geography: Less Developed Regions
• GEOG 3050 - Africa
• HIST 3670 - History of the Middle East Since 1500
• HIST 3810 - History of Africa
• POLS 3260 - Middle Eastern Political Systems
• POLS 3265 - African Political Systems
• POLS 3293 - International Organizations
• POLS 3295 - International Law
• PSYC 3314 - Psychology of Religion
• RELI 1690 - World Religions

Asia:

• ANTH 3002 - Cultures of East Asia
• ARTH 3920 - Asian Art
• COMM 3180 - Intercultural Communication
• COMM 3390 - International News
• ECON 3353 - Development Economics
• GEOG 2110 - World Geography: Less Developed Regions
• GEOG 3051 - Asia
• HIST 3611 - History of East Asia Since 1600
• HIST 3620 - History of Modern Japan
• HIST 3630 - History of Modern China
• HIST 4610 - History of Southeast Asia
• POLS 3280 - South Asian Political Systems
• POLS 3293 - International Organizations
• POLS 3295 - International Law
• PSYC 3314 - Psychology of Religion
• RELI 1690 - World Religions

Europe:

• IDSN 2103 - Historic Interiors I
• COMM 3180 - Intercultural Communication
• COMM 3390 - International News
• ECON 3353 - Development Economics
• ECON 4373 - International Trade
• FORL 2620 - French Literature in Translation
• FORL 2660 - Spanish Literature in Translation
• FORL 2680 - German Literature in Translation
• GEOG 2100 - World Geography: Developed Regions
GEOG 3047 - Western Europe
HIST 3435 - History of Europe Since 1914
POLS 3234 - West European Political Systems
POLS 3235 - East European Political Systems
POLS 3236 - Russian Politics
POLS 3293 - International Organizations
POLS 3295 - International Law
PSYC 3314 - Psychology of Religion
RELI 1690 - World Religions

South America:

• ANTH 3016 - Cultures of the Caribbean
• ANTH 3017 - Cultures of Mexico and Guatemala
• ANTH 3018 - Cultures of South and Central America
• COMM 3180 - Intercultural Communication
• COMM 3390 - International News
• ECON 3353 - Development Economics
• FORL 2661 - Latin American Literature in Translation
• FORL 2760 - Special Topics in Hispanic Studies
• FORL 3660 - Hispanic Women Writers
• GEOG 3046 - United States and Canada
• HIST 3711 - Introduction to Latin-American History: Since 1808
• HIST 3780 - Mexico and Central America
• POLS 3293 - International Organizations
• POLS 3295 - International Law
• PSYC 3314 - Psychology of Religion
• RELI 1690 - World Religions

For non-North American students:

North America:

• IDSN 2103 - Historic Interiors I
• ANTH 3017 - Cultures of Mexico and Guatemala
• COMM 3180 - Intercultural Communication
• COMM 3390 - International News
• ECON 3420 - Money and Banking
• GEOG 2110 - World Geography: Less Developed Regions
• GEOG 3046 - United States and Canada
• HIST 1051 - American History Since 1877
• HIST 2012 - American Business History
• HIST 3031 - Economic History of the United States Since 1865
• HIST 3245 - The United States Since 1945
• HIST 3780 - Mexico and Central America
• POLS 3293 - International Organizations
• POLS 3295 - International Law
• PSYC 3314 - Psychology of Religion
• RELI 1690 - World Religions

Additional requirements:

• Competency in one foreign language as demonstrated by scoring
• Intermediate-High on the Listening and Reading sections and Intermediate-Mid on the Speaking and Writing sections of the ACTFL Test.
• Minimum of one semester abroad, enrolled in an approved academic program with a focal world region.

Management concentration - 18 s.h.

• MGMT 4242 - Organizational Behavior or
• PSYC 3241 - Personnel and Industrial Psychology
• MGMT 4482 - Managerial Negotiation

Choose 12 s.h. from:

• MGMT 4252 - Entrepreneurship
• MGMT 4272 - Managing the Family Business
• MGMT 4342 - Organizational Change and Development
• MGMT 4343 - Organizational Leaders and Leadership
• MGMT 4352 - Management in a Global Economy
• MGMT 4402 - Human Resource Management
• MGMT 4422 - Labor Relations
• MGMT 4952 - Topics in Management

5. Leadership and professional development - 9 s.h.

• BUSI 1200 - Strategy First
• BUSI 2200 - Experiential Leadership: Teams in Action
• BUSI 3200 - Professional Development and Ethical Leadership
• BUSI 4200 - Leadership Capstone
• Leadership and Professional Development Portfolio must be completed prior to graduation.

6. Electives to complete requirements for graduation.
Management Information Systems, BSBA

Program Coordinator: Elaine Seeman (3400 Bate Building; 252-737-1048; seemane@ecu.edu)

The BSBA in management information systems provides students with a strong technical background on which to build interpersonal and problem solving skills.

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- COMM 2020 - Fundamentals of Speech Communication or
- COMM 2410 – Public Speaking
- ECON 2113 - Principles of Microeconomics
- ECON 2133 - Principles of Macroeconomics
- MATH 1066 - Applied Mathematics for Decision Making or higher approved general education math course
- PHIL 1175 – Introduction to Ethics or
- PHIL 2274 - Business Ethics or
- PHIL 2275 - Professional Ethics

Choose 3 s.h. from:

- PSYC 1000 - Introductory Psychology
- SOCI 2110 - Introduction to Sociology

2. Cognates - 6 s.h.

- ENGL 3880 - Writing for Business and Industry
- MATH 2283 - Statistics for Business * or
• MATH 2228 – Elementary Statistical Methods I *

Note:

* This course can be used to meet the general education elective requirement.

3. Business core - 36 s.h.

- ACCT 2401 - Financial Accounting
- ACCT 2521 - Managerial Accounting
- FINA 2244 - Legal Environment of Business
- FINA 3724 - Financial Management
- MGMT 3302 - Management of Organizations
- MGMT 4842 - Strategic Management
- MIS 2223 - Introduction to Computers
- MIS 3063 - Introduction to Management Information Systems
- MKTG 3832 - Operations and Supply Chain Management
- OMGT 3223 - Business Decision Modeling

Choose one international perspectives course from:

- ACCT 4451 - International Accounting
- FINA 4454 - International Finance
- MGMT 3352 - International Business
- MKTG 3852 - Cultural Environment of International Business
- MKTG 4992 - International Marketing

4. Concentration area - 18 s.h.

Management information systems:

- MIS 3673 - Software Design and Development
- MIS 4113 - Data Base Management Systems
- MIS 4123 - Telecommunications and Networked Systems
• MIS 4153 - Web Application Development for Business
• MIS 4163 - Information Systems Analysis and Design
• MIS 4173 - Information Systems Development and Implementation

5. Leadership and professional development - 9 s.h.

• BUSI 1200 - Strategy First
• BUSI 2200 - Experiential Leadership: Teams in Action
• BUSI 3200 - Professional Development and Ethical Leadership
• BUSI 4200 - Leadership Capstone
• Leadership and Professional Development Portfolio must be completed prior to graduation.

6. Electives to complete requirements for graduation.
Marketing, BSBA

Marketing Concentration Program Coordinator: Judy Siguaw (3400 Bate Building; 252-328-1323; siguawj@ecu.edu)
Operations and Supply Chain Management Concentration Program Coordinator: John Kros (3121 Bate Building; 252-328-4344; krosj@ecu.edu)
Professional Selling Concentration Program Coordinator: William (Jason) Rowe (3102 Bate Building; 252-737-4342; rowew@ecu.edu)

The BSBA in marketing, with concentrations in marketing and operations and supply chain management, is concerned with the creation and delivery of value to customers and organizations. Marketing focuses on developing an understanding of customers and markets, creating products and services based on that understanding, and communicating and delivering the value added. Supply Chain Management focuses on the sourcing, operations, and logistics of products and services. Both areas of study involve the management of relationships. A marketing concentration prepares students for management careers in advertising, sales, research, distribution, product planning, and international marketing. Supply Chain Management graduates pursue career choices as managers of purchasing, inventory, logistics, operations, quality, and supply chains.

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- COMM 2020 - Fundamentals of Speech Communication or COMM 2410 – Public Speaking
- ECON 2113 - Principles of Microeconomics
- ECON 2133 - Principles of Macroeconomics
- MATH 1066 - Applied Mathematics for Decision Making or higher approved general education math course
- PHIL 1175 – Introduction to Ethics or PHIL 2274 - Business Ethics or PHIL 2275 - Professional Ethics

Choose 3 s.h. from:
2. Cognates - 6 s.h.

- ENGL 3880 - Writing for Business and Industry
- MATH 2283 - Statistics for Business * or
- MATH 2228 – Elementary Statistical Methods I *

Note:

* This course can be used to meet the general education elective requirement.

3. Business core - 36 s.h.

- ACCT 2401 - Financial Accounting
- ACCT 2521 - Managerial Accounting
- FINA 2244 - Legal Environment of Business
- FINA 3724 - Financial Management
- MGMT 3302 - Management of Organizations
- MGMT 4842 - Strategic Management
- MIS 2223 - Introduction to Computers or
- MIS 3063 - Introduction to Management Information Systems
- MKTG 3832 - Marketing Management
- OMGT 3123 - Operations and Supply Chain Management
- OMGT 3223 - Business Decision Modeling

Choose one international perspectives course from:

- ACCT 4451 - International Accounting
- FINA 4454 - International Finance
- MGMT 3352 - International Business
- MKTG 3852 - Cultural Environment of International Business
- MKTG 4992 - International Marketing
4. Concentrations - 18 s.h.

(Choose one.)

**Marketing concentration:**

- MKTG 3872 - Persuading Decision Makers
- MKTG 4562 - Marketing Strategy
- MKTG 4682 - Marketing Intelligence

Choose 9 s.h. of 4000-level MKTG electives, at least 3 s.h. of which must be from:

- MKTG 4532 - Business and Organizational Marketing
- MKTG 4732 - Consumer Behavior

**Operations and supply chain management concentration:**

- OMGT 4743 - Purchasing and Materials Management
- OMGT 4753 - Strategic Logistics Management
- OMGT 4763 - Strategic Supply Chain Management

Choose 3-6 s.h. from:

- OMGT 4493 - Quality Management
- OMGT 4733 - Project Management

Choose 3-6 (to total 18 s.h. for the concentration) from:

- MKTG 3872 - Persuading Decision Makers
- MKTG 4532 - Business and Organizational Marketing
- MKTG 4682 - Marketing Intelligence
- MKTG 4790 - Distribution Management
- OMGT 4383 - Supply Chain Analytics
5. Leadership and professional development - 9 s.h.

- BUSI 1200 - Strategy First
- BUSI 2200 - Experiential Leadership: Teams in Action
- BUSI 3200 - Professional Development and Ethical Leadership
- BUSI 4200 - Leadership Capstone
- Leadership and Professional Development Portfolio must be completed prior to graduation.

6. Electives to complete requirements for graduation.
Nursing, Bachelor of Science

Program Coordinator: Annette Peery (3166 Health Sciences Building; 252-744-6356; peerya@ecu.edu)

Minimum degree requirement is 125 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- BIOL 2110 - Fundamentals of Microbiology
- BIOL 2111 - Fundamentals of Microbiology Laboratory
- CHEM 1120 - Introduction to Chemistry for the Allied Health Sciences or
- CHEM 1150 – General Chemistry I
- CHEM 1151 – General Chemistry I Laboratory
- MATH 1065 - College Algebra or an approved general education calculus course
- PSYC 1000 - Introductory Psychology
- PSYC 3206 - Developmental Psychology
- SOCI 2110 - Introduction to Sociology
- Choose an approved 3 s.h. ethics course

2. Professional nursing core - 40 s.h.

(BSN pre-licensure students only)

- NURS 3210 - Nurse as Care Provider
- NURS 3211 - Nurse as Care Provider Clinical
- NURS 3270 - Clinical Nursing Foundations I
- NURS 3271 - Clinical Nursing Foundations I Laboratory
- NURS 3280 - Concepts of Pathophysiology for Nursing
- NURS 3330 - Nursing Care of Families During the Childbearing Phase
- NURS 3331 - Nursing Care of Families During the Childbearing Phase Clinical
- NURS 3340 - Nursing Care of Children
- NURS 3341 - Nursing Care of Children Clinical
- NURS 3370 - Clinical Nursing Foundations II
3. Specialization areas - 27-33 s.h.

(Choose one.)

Professional nursing (27 s.h.)

(Pre-licensure students)

- NURS 3020 - Health Assessment
- NURS 3021 - Health Assessment Laboratory
- NURS 3200 - Introduction to Professional Nursing
- NURS 3520 - Trends and Issues in Professional Nursing
- NURS 3550 - Health of the Older Adult
- NURS 4150 - Nursing Leadership
- NURS 4210 - Nursing Care of Populations and Communities
- NURS 4211 - Nursing Care of Populations and Communities Clinical
- NURS 4500 - Theory Capstone
- NURS 4511 - Clinical Capstone

Registered nurse students (33 s.h.)

Upon completion of NURS 4901, registered nurses receive 34 s.h. placement credit for the remaining core nursing courses. Registered nurse students who maintain a minimum cumulative GPA of 3.5 or above in all courses applied to the completion of the RN-BSN option and have earned a grade of “A” in NURS 4907 and NURS 4908 may qualify to graduate with distinction.

- NURS 4901 - Nursing Research, Clinical Scholarship, and Evidence Based Practice
- NURS 4902 - Professional Communication in Nursing
- NURS 4903 - Critical Thinking to Facilitate Role Transition: RN to BSN
- NURS 4904 - Professionalism in Baccalaureate Nursing Practice
- NURS 4905 - Nursing in a Global Society
- NURS 4906 - Community Health Nursing
4. Cognates - 18 s.h.

- BIOL 2140 - Human Physiology and Anatomy I
- BIOL 2150 - Human Physiology and Anatomy II
- BIOL 2141 - Human Physiology and Anatomy I Laboratory
- BIOL 2151 - Human Physiology and Anatomy II Laboratory
- CHEM 1130 - Organic and Biochemistry for the Allied Health Sciences or
  CHEM 1150 – General Chemistry I
- CHEM 1151 – General Chemistry I Laboratory or
- CHEM 1160 – General Chemistry II
- CHEM 1161 – General Chemistry II Laboratory
- NUTR 1000 – Contemporary Nutrition or
- NUTR 2105 - Nutrition Science
- An approved 3 s.h. statistics course

Note:

* This course may count towards the general education requirement.

5. Electives to complete requirements for graduation.
Public Health Studies, BS

Program Coordinator: Jennifer Matthews (2302 Carol Belk Building; 252-328-1704; cremeensj@ecu.edu)

Students entering the public health studies degree program choose one of three concentrations: community health, prehealth professions, or worksite health promotion. The community health concentration requires a minimum cumulative GPA of 2.75 for entry. Students entering the worksite health promotion concentration must have a minimum cumulative 2.5 GPA and a minimum 2.5 GPA calculated on three courses: ECON 2113; HLTH 2000; PSYC 3241. Students entering the prehealth professions concentration must have a minimum cumulative 3.0 GPA and a minimum 3.0 GPA calculated on the following courses: BIOL 1100, BIOL 1101, BIOL 1200, BIOL 1201; CHEM 1150, CHEM 1151, CHEM 1160, CHEM 1161. All students must declare on or before reaching 90 credit hours.

Minimum degree requirement is 124 s.h. as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

All concentrations:

- HLTH 1000 - Health in Modern Society
- MATH 1065 - College Algebra
- PSYC 1000 - Introductory Psychology

Community health concentration:

- BIOL 1050 - General Biology
• BIOL 1051 - General Biology Laboratory

or

• BIOL 1100 - Principles of Biology I
• BIOL 1101 - Principles of Biology Laboratory I

or

• BIOL 2110 – Fundamentals of Microbiology
• BIOL 2111 – Fundamentals of Microbiology Laboratory

• SOCI 2110 - Introduction to Sociology

**Prehealth professions concentration:**

• BIOL 1100 - Principles of Biology I
• BIOL 1101 - Principles of Biology Laboratory I
• BIOL 1200 - Principles of Biology II
• SOCI 2110 - Introduction to Sociology

**Worksite health promotion:**

• BIOL 1050 - General Biology
• BIOL 1051 - General Biology Laboratory

or

• BIOL 1100 - Principles of Biology I
• BIOL 1101 - Principles of Biology Laboratory I

or

• BIOL 2110 – Fundamentals of Microbiology
• BIOL 2111 – Fundamentals of Microbiology Laboratory

• PSYC 3241 - Personnel and Industrial Psychology
2. Common core - 21 s.h.

- BIOS 1500 - Introduction to Biostatistics or
- MATH 2228 - Elementary Statistical Methods I or
- MATH 2283 – Statistics for Business

- EHST 2110 - Introduction to Environmental Health Sciences
- HLTH 2000 - Principles of Public Health
- HLTH 3010 - Health Problems I

- HLTH 3020 - Health Disparities or
- HLTH 3025 - LGBT Population Health and Disparities or
- HLTH 3100 - Issues in Latino Health

- HLTH 3050 - Public Health Systems and Policy
- HLTH 4011 - Introduction to Epidemiology in Health Education and Promotion

3. Concentrations - 41- 51 s.h.

(Choose one concentration.)

a. Community health concentration (41-44 s.h.)

- HLTH 3000 - Theory and Practice in Community Health Education
- HLTH 3002 - Women's Health Across the Lifespan
- HLTH 3520 - Introduction to Global Health
- HLTH 4605 - Community Strategies for Health Education
- HLTH 4609 - Needs Assessment and Program Planning
- HLTH 4611 - Program Evaluation
- HLTH 4880 - Capstone: Applied Principles of Health Education and Promotion
• HLTH 4991 - Health Education and Promotion Internship

Cognates:

• BIOL 2130 - Survey of Human Physiology and Anatomy *
• BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory

or

• BIOL 2140 - Human Physiology and Anatomy I
• BIOL 2141 - Human Physiology and Anatomy I Laboratory
• BIOL 2150 - Human Physiology and Anatomy II
• BIOL 2151 - Human Physiology and Anatomy II Laboratory

• NUTR 1000 - Contemporary Nutrition or
• NUTR 2105 - Nutrition Science

Note:

*This course can count towards general education requirements.

b. Prehealth professions (45-48 s.h.)

• HLTH 3030 - Health Behavior
• HLTH 3300 - Introduction to Patient Education
• HLTH 4200 - Planning and Evaluation in Health Promotion

Cognates:

• (Choose one of the following sets of biology courses.)
• BIOL 1201 - Principles of Biology Laboratory II
• BIOL 2130 - Survey of Human Physiology and Anatomy
• BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory
or

- BIOL 2140 - Human Physiology and Anatomy I
- BIOL 2141 - Human Physiology and Anatomy I Laboratory
- BIOL 2150 - Human Physiology and Anatomy II
- BIOL 2151 - Human Physiology and Anatomy II Laboratory

(Complete each of the following chemistry courses.)

- CHEM 1150 - General Chemistry I
- CHEM 1151 - General Chemistry Laboratory I
- CHEM 1160 - General Chemistry II
- CHEM 1161 - General Chemistry Laboratory II

Choose 22 s.h. from the following:

- ATEP 2800 - Medical Nomenclature for Human Performance or
- HIMA 3000 - Medical Terminology for Health Professionals or
- HLTH 2700 - Medical Terminology for Public Health Professionals
- BIOL 2110 - Fundamentals of Microbiology
- BIOL 2111 - Fundamentals of Microbiology Laboratory
- BIOL 2300 - Principles of Genetics
- CHEM 2750 - Organic Chemistry I
- CHEM 2753 - Organic Chemistry Laboratory I
- CHEM 2760 - Organic Chemistry II
- CHEM 2763 - Organic Chemistry Laboratory II
- CHEM 2770 - Biological Chemistry
- CHEM 2771 - Biological Chemistry Laboratory
- HLTH 4901 - Prehealth Professions Field Experience
- HLTH 4902 - Prehealth Professions Field Experience
- HLTH 4910 - Prehealth Professions Internship or
- other approved HLTH electives

- KINE 2850 - Structural Kinesiology
- KINE 3805 - Physiology of Exercise
- PHYS 1250 - General Physics I
• PHYS 1251 - General Physics Laboratory I
• PHYS 1260 - General Physics II
• PHYS 1261 - General Physics Laboratory II

c. Worksite health promotion (51-55 s.h.)

• HLTH 3030 - Health Behavior
• HLTH 4006 - Health Promotion in the Workplace
• HLTH 4609 - Needs Assessment and Program Planning
• HLTH 4611 - Program Evaluation
• HLTH 4880 - Capstone: Applied Principles of Health Education and Promotion
• HLTH 4991 - Health Education and Promotion Internship

Cognates:

• BIOL 2130 - Survey of Human Physiology and Anatomy*
  or
• BIOL 2140 - Human Physiology and Anatomy I
• BIOL 2141 - Human Physiology and Anatomy I Laboratory
• BIOL 2150 - Human Physiology and Anatomy II
• BIOL 2151 - Human Physiology and Anatomy II Laboratory

• EHST 3900 - Introduction to Occupational Health or
• ITEC 3292 - Industrial Safety

• FINA 2244 - Legal Environment of Business
• KINE 2850 - Structural Kinesiology
• KINE 3805 - Physiology of Exercise
• KINE 4805 - Exercise Evaluation and Prescription Laboratory
• KINE 4806 - Exercise Evaluation and Prescription

• NUTR 1000 - Contemporary Nutrition or
• NUTR 2105 - Nutrition Science
Note:

* This course can count towards general education requirements.

4. Electives:

It is recommended that courses be taken which reinforce content in the physical, social, and behavioral sciences, or provide the student with a community health specialty area such as gerontology, environmental health, or health promotion. Number of elective hours varies by concentration.
Rehabilitation Services, BS

Program Coordinator: Dr. Martha Chapin (4425-L Health Sciences Building; 252-744-6291; chapinm@ecu.edu)

Admission to the program requires a minimum cumulative 2.5 GPA from ECU, successful completion of two core ADRE courses within the rehabilitation services major, and an application. Program admission is competitive. Admission to the university and/or achieving a minimum 2.5 GPA does not guarantee admission to the rehabilitation services degree program. Applications should be submitted when the student is nearing completion of 42 s.h. Additional information and application for admission can be obtained from the Department of Addictions and Rehabilitation Studies.

Undergraduate students majoring in rehabilitation services are encouraged to minor in an established area consistent with individual academic and career goals or to take a composite minor of structured electives approved by the faculty advisor and department chair.

Majors must earn a minimum grade of C (2.0) in all ADRE courses.

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including the one listed below - 40 s.h.
(For information about courses that carry general education credit see *General Education Program.*)

- MATH 1065 - College Algebra or equivalent

**2. Core - 48 s.h.**

- ADRE 2000 - Survey of Community Resources in Rehabilitation and Health Care
- ADRE 2003 - Alcohol and Drug Abuse: Health and Social Problem
- ADRE 3000 - Introduction to Rehabilitation
- ADRE 3010 - Case Management in Rehabilitation
- ADRE 4000 - Interviewing Techniques for Health and Rehabilitation Settings
- ADRE 4993 - Rehabilitation Services Internship
- ADRE 4994 - Rehabilitation Services Internship
- ADRE 4995 - Rehabilitation Services Internship
- ADRE 4996 - Rehabilitation Services Internship

- BIOS 1500 - Introduction to Biostatistics or equivalent
- MATH 2228 - Elementary Statistical Methods I or
- MATH 2283 - Statistics for Business or
- PSYC 2101 - Psychological Statistics

- HIMA 3000 - Medical Terminology for Health Professionals or
- HLTH 3010 - Health Problems I

- PSYC 3221 - Social Psychology
- PSYC 3375 - Abnormal Psychology
- SOCW 2010 - Introduction to Social Work Practice with Special Populations

**Choose 3 s.h. from:**

- ADRE 4400 - Introduction to Vocational Evaluation
- PSYC 3325 - Introduction to Psychological Testing

**Choose 3 s.h. from:**

- ADRE 4100 - Occupational Analysis and Job Placement
- ADRE 4400 - Introduction to Vocational Evaluation
3. Cognates - 5-8 s.h.

- BIOL 2130 - Survey of Human Physiology and Anatomy or
- BIOL 2140 - Human Physiology and Anatomy I
  and
- BIOL 2150 - Human Physiology and Anatomy II

- BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory or
- BIOL 2141 - Human Physiology and Anatomy I Laboratory
  and
- BIOL 2151 - Human Physiology and Anatomy II Laboratory

4. Minor or structured electives to complete requirements for graduation.
Social Work, BSW

Program Coordinator: Kelly Reinsmith-Jones (206 Rivers; 252-328-1450; reinsmithjonesk@ecu.edu)

Social work majors must pass all required social work courses with a minimum grade of C (2.0).

Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- BIOL 1050 - General Biology
- BIOL 1051 - General Biology Laboratory
- ECON 2113 - Principles of Microeconomics
- MATH 1050 or higher approved general education MATH course
- POLS 1010 - National Government
- PSYC 1000 - Introductory Psychology

2. Core - 57 s.h.

- SOCW 1010 - Introduction to Social Welfare and Social Work
- SOCW 2010 - Introduction to Social Work Practice with Special Populations
- SOCW 3101 - Human Behavior and the Social Environment I
- SOCW 3201 - Social Work Practice I
- SOCW 3202 - Social Work Practice II
- SOCW 3306 - Social Work Policy I
- SOCW 3401 - Social Work Research
- SOCW 3402 - Applied Research and Statistics in Social Work
- SOCW 3501 - Writing for Social Work
- SOCW 4102 - Human Behavior and the Social Environment II
- SOCW 4203 - Social Work Practice III
- SOCW 4306 - Social Work Policy II
- SOCW 4980 - Pre-Field Capstone
- SOCW 4990 - Field Education and Seminar
- Choose 6 s.h. SOCW electives
3. Cognates - 19 s.h.

- BIOL 1060 - Environmental Biology

Choose one from:

- HIST 1051 - American History Since 1877
- HIST 3031 - Economic History of the United States Since 1865
- HIST 3240 - The Age of Franklin Roosevelt, 1919-1945
- HIST 3245 - The United States Since 1945

Choose two from:

- PSYC 2777 – Ethnocultural Psychology
- PSYC 3206 - Developmental Psychology
- PSYC 3221 - Social Psychology
- PSYC 3300 - Psychology of Personality
- PSYC 3375 - Abnormal Psychology

Choose two from:

- GENS 2400 – Introduction to Gender Studies
- SOCI 1010 – Race, Gender, Class
- SOCI 2110 - Introduction to Sociology
- SOCI 2111 - Modern Social Problems
- SOCI 3289 - Community Organization
- SOCI 4347 - Social Inequality
- SOCI 4350 - Social Change

Students may submit a written request for the consideration of a cognate substitution to the program coordinator.

4. General electives to complete requirements for graduation.
Note:

Students will be encouraged to choose electives which will strengthen their total program.
Program Coordinator: Marsha Tripp (107 Rivers Building; 252-737-1897; trippma@ecu.edu)

Minimum degree requirement is **126** s.h. of credit as follows:

1. **General education requirements including those listed below - 40 s.h.**

   (For information about courses that carry general education credit see *General Education Program*.)

   - ART 3850 - Art in the Elementary School or any general education fine arts course
   - COMM 2020 - Fundamentals of Speech Communication or COMM 2410 - Public Speaking or COMM 2420 - Business and Professional Communication
   - MATH 2127 - Basic Concepts of Mathematics or MATH 1065 - College Algebra
   - PSYC 1000 - Introductory Psychology
   - PSYC 2777 - Ethnocultural Psychology or SOCI 2110 - Introduction to Sociology

2o **Professional studies - 25 s.h.**

   - EDTC 4001 - Technology in Education or EDUC 3200 - Foundations of American Education
   - EDUC 4400 - Foundations of School Learning, Motivation, and Assessment or PSYC 4305 - Educational Psychology
   - READ 3301 - Reading Instruction in the Primary Grades
   - SPED 2123 - Early Experiences for Prospective Teachers
   - SPED 4320 - Communication and Collaboration in Special Education
   - SPED 4324 - Internship in Special Education

3. **Core - 47 s.h.**

   - CSDI 2100 - Introduction to Communication Disorders
• KINE 5303 - Physical Activity Programs for Individuals with Developmental, Emotional, and Learning Disabilities
• SPED 2000 - Introduction to Exceptional Children
• SPED 2200 - Introduction to Students with Disabilities in the Adapted Curriculum
• SPED 2209 - Introductory Practicum with Students with Disabilities in the Adapted Curriculum
• SPED 3001 - Assessing Students with Disabilities
• SPED 3003 - Academic Instruction for Students in the Adapted Curriculum
• SPED 3004 - Managing the Learning Environment
• SPED 3005 - Instructional Programming in Special Education
• SPED 3006 - Augmentative and Alternative Communication for Students with Disabilities
• SPED 3007 - Managing the Physical Needs of Learners with Disabilities
• SPED 3200 - Instructional Methods for Students with Disabilities in the Adapted Curriculum
• SPED 3209 - Instructional Practicum for Students with Disabilities in the Adapted Curriculum
• SPED 4000 - Technology in Special Education
• SPED 4001 - Instructional Programming and Transition Planning in the Adapted Curriculum

• SPED 4100 – Issues and Strategies for Students with Disabilities in the General and Adapted Curriculum

• SPED 4200 – Special Issues and Strategies for Students with Disabilities in the Adapted Curriculum

• SPED 4300 - Practicum in Special Education

4. Cognates - 14 s.h.

• LING 4710 - TESOL Theories and Principles
• READ 3302 - Reading Instruction in the Primary Grades
• READ 5317 - Reading in the Junior or Senior High School
• MATE 3050 - Mathematics and Methods for Grades Pre-K-2
• MATE 3051 - Field Experience in Mathematics Grades K-2
• MATE 3060 - Mathematics and Methods for Grades 3-6
• SCIE 3216 - Teaching Science in the Elementary School

5. Electives to complete requirements for graduation.

Note:
The Academic Concentration is not required for SPED majors.
Special Education, General Curriculum, BS

Program Coordinator: Marsha Tripp (107 Rivers Building; 252-737-1897; trippma@ecu.edu)
Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements including those listed below - 40 s.h.

(For information about courses that carry general education credit see General Education Program.)

- ART 3850 - Art in the Elementary School or any general education fine arts course
- COMM 2020 - Fundamentals of Speech Communication or COMM 2410 - Public Speaking or COMM 2420 - Business and Professional Communication
- MATH 2127 - Basic Concepts of Mathematics or MATH 1065 - College Algebra
- PSYC 1000 - Introductory Psychology
- PSYC 2777 - Ethnocultural Psychology or SOCI 2110 - Introduction to Sociology

2. Professional studies - 25 s.h.

- EDTC 4001 - Technology in Education
- EDUC 3200 - Foundations of American Education
- EDUC 4400 - Foundations of School Learning, Motivation, and Assessment or PSYC 4305 - Educational Psychology
- READ 3301 - Reading Instruction in the Primary Grades *
- SPED 2123 - Early Experiences for Prospective Teachers
- SPED 4320 - Communication and Collaboration in Special Education
- SPED 4324 - Internship in Special Education

3. Core - 30 s.h.

- SPED 2000 - Introduction to Exceptional Children
- SPED 2100 - Introduction to Students with Disabilities in the General Curriculum *
- SPED 2109 - Introductory Practicum with Students with Disabilities in the General
Curriculum
- SPED 3001 - Assessing Students with Disabilities
- SPED 3004 - Managing the Learning Environment
- SPED 3005 - Instructional Programming in Special Education
- SPED 3100 - Instructional Methods for Students with Disabilities in the General Curriculum
- SPED 3109 - Instructional Practicum for Exceptional Children in the General Curriculum
- SPED 4000 - Technology in Special Education
- SPED 4100 - Issues and Strategies for Students with Disabilities in the General and Adapted Curricula
- SPED 4300 - Practicum in Special Education

4. Cognates - 11 s.h.
- MATE 3050 - Mathematics and Methods for Grades Pre-K-2
- MATE 3051 - Field Experience in Mathematics Grades K-2
- MATE 3060 - Mathematics and Methods for Grades 3-6
- SCIE 3216 - Teaching Science in the Elementary School

5. Reading license - 18 s.h.*

*Note: The Reading License for this degree requires 24 s.h. Two of the required reading license courses are required in the degree - one in the core (SPED 2100) and one in professional studies (READ 3301). Both of these courses count towards the 24 s.h., resulting in an 18 s.h. requirement for students fulfilling requirements for this degree. Before registering for courses for the reading license, please see the coordinator of this program or your academic advisor.

6. Electives to complete requirements for graduation.

Note:
The academic concentration is not required for SPED majors.