

The Graduate Curriculum Committee (GCC)
Meeting Minutes
Wednesday, March 19, 2014

Regular Members Present:

Jim Decker (Chair)
Bob Thompson (Vice Chair)
Carol Brown
Amy Carr-Richardson
Hamid Fonooni
Rich Franklin
Linda Mayne
Ravi Paul
Leonard Trujillo
Ginger Woodard

Regular Members Excused:

Ravi Paul

Ex-Officio Members Present:

Rita Reaves and Diana Wright

Ex-Officio Members Excused:

None

Academic Program Planning and Development:

Teresa Baro Woolverton and Kimberly Nicholson

Guests:

College of Allied Health Sciences: Mary Crozier, Alan Gindoff, and Jane Trapp
College of Health and Human Performance: Jennifer Cremeens, Tim Kelley, Matt Mahar and Tom Skalko
College of Human Ecology: William Bloss, Jon Sorensen, Mary Lisa Pories and Ginger Woodard
College of Technology and Computer Science: Hamid Fonooni and Tijjani Mohammed
Thomas Harriot College of Arts and Sciences: Jim Holte and Terry West
Office of the Registrar: Diane Coltraine

Actions of Committee:

I. Call to Order

- 1. The March 5, 2014 GCC minutes were approved electronically and forwarded to the Graduate Council for agenda placement.**
- 2. Report on Graduate Council (GC) Actions**
Dean Gemperline asked Chair Decker to thank the committee members for all of their hard work.

II. College of Technology and Computer Science, Department of Technology Systems

Prerequisite Revisions to Existing Courses (no content revision): SAFT 6250, 6280, 6288, 6310, 6320, 6402, 6410, 6805

Approved as amended

Request to Revise Existing Degree(s): Occupational Safety, MS

Approved as amended

- (1.) In the 2nd bullet under Admission Requirements replace “Satisfactory GRE score;” with “[Satisfactory GRE score; submission of GRE is waived for applicants holding board certifications such as CSP, CIH, CPE or PE.](#)”
- (2.) Unit will work with Diane Coltraine to correct minor typographical errors

III. College of Technology and Computer Science, Department of Technology Systems

Request to Delete Existing Certificate(s): Performance Improvement Certificate

Approved

- (1.) Unit advised that they will need to submit to the EPPC for agenda placement as part of the vetting process for this action

Request to Delete an Existing Concentration from the MS in Technology Systems Degree: Environmental Planning and Development

Approved

- (1.) Unit advised that they will need to submit to the EPPC for agenda placement as part of the vetting process for this action
- (2.) Unit aware they will need to complete a “teach out” plan
- (3.) Unit confirmed there has never been a student enrolled in this concentration
- (4.) Unit confirmed that the planning faculty are not interested in adding this concentration to their academic programs

Request for Exception to 20% Rule on Transfer Credit from the National Defense University (NDU) to the MS in Technology Systems Degree

Approved

- (1.) Unit shared they will be meeting with the University Bilateral Agreements committee to develop the new MOU with the National Defense University (NDU)
- (2.) Unit anticipates only 1% or less of their students will require exception to the 20% transfer credit rule; this percentage will be compliant with SACS guidelines

IV. Thomas Harriot College of Arts and Sciences, Department of Mathematics – **tabled to fall (no presenters)**

Request to Renumber and Revise Existing Course(s): MATH 5000 (to 6005)

Tabled

Request to Revise Existing Degree(s): Mathematics, MA

Tabled

Request to Revise Existing Certificate(s): Statistics Certificate

Tabled

V. College of Allied Health Sciences, Department of Physicians Assistant Studies

Proposal of New Course(s): PADP 6640, 6690

Approved as amended

- (1.) Hyphenate all occurrences of “evidence-based” in #6 of the proposal form (title and descriptive text) (PADP 6640)
- (2.) In #16a, unit confirmed textbooks are required (PADP 6640, 6690)
- (3.) In #16d replace all occurrences of “PowerPoint” with “electronic” or “electronic presentation” (PADP 6640)
- (4.) In #16d replace Pass/fail grading scale with A,B,C,F or A,B,F grading scale (PADP 6640)
- (5.) Hyphenate all occurrences of “[evidence-based](#) or [Evidence-Based](#)” in the course description in the marked catalog copy (PADP 6640)

Request to Delete Existing Course(s): PADP 6680, 6980

Approved as amended

Request to Revise an Existing Degree(s): Physician Assistant, MS

Approved as amended

- (1.) Hyphenate “[Evidence-Based](#)” for PADP 6640 in the core list of the MS in Physician Assistant Degree marked catalog copy text

VI. College of Health and Human Performance, Department of Health Education and Promotion

Proposal of New Course(s): HLTH 6650

Approved as amended

- (1.) Add approval date to #5 of the course proposal form
- (2.) Fill the gaps in the grading scale in #16d

Request to Unbank and Revise Existing Course(s): HLTH 6101

Approved as amended

- (1.) Add approval date to #5 of the course proposal form
- (2.) In #16a italicize title and add ISBN
- (3.) In #16b replace “students should be able to” with “students will be able to”
- (4.) Fill the gaps in the grading scale in #16d

Request to Revise an Existing Degree(s): Health Education, MA

Approved as amended

- (1.) Under research skills section of degree text add “(Choose one of the following:)
- (2.) Provide notification to the Department of Recreation and Leisure Studies regarding the addition of RCLS 6300 as a research skills course option

VII. College of Health and Human Performance, Department of Health Education and Promotion

Request to Revise Existing Course(s): EHST 6420

Approved as amended

- (1.) Remove “X” in #4 *Distance Course* expected future delivery box of the course proposal form
- (2.) Add approval date to #5
- (3.) Fill the gaps in the grading scale in #16d

VIII. College of Health and Human Performance, Department of Kinesiology – tabled (unit will resubmit in the fall)

Request to Delete Existing Course (s): EXSS 5020

tabled (unit will resubmit in the fall)

- (1.) Missing EXSS course list section of marked catalog copy showing deletion of EXSS 5020 in red strikethrough font
- (2.) Missing dates on signature form

Request to Renumber and Revise Existing Course(s): EXSS 5800 (to EXSS 6030)

tabled (unit will resubmit in the fall)

- (1.) Correct #6 of course proposal form to show requested course description (in 3 tier format); should be identical to course description added in blue to EXSS course list and should not include any undergraduate courses
- (2.) Missing EXSS course list section of marked catalog copy showing red strikethrough of EXSS 5800 course description and blue addition of EXSS 6030 course description
- (3.) Missing notification to the Service Learning chair regarding renumbering (if the SL is removed from the course when renumbered, this action would also require notification to the Service Learning chair)
- (4.) Missing notification to the Office of Aging Studies (course used in Gerontology Certificate)
- (5.) Missing dates on signature form

Request to Revise Existing Degree(s): Exercise and Sport Science, MS

tabled (unit will resubmit in the fall)

- (1.) Missing dates on signature form

IX. College of Health and Human Performance, Department of Recreation and Leisure Studies

Request to Rename Existing Degree(s): Recreation and Park Administration, MS (to Recreation Services and Interventions MS)

Approved

- (1.) Unit advised that they will need to submit to the EPPC for agenda placement as part of the vetting process for this action
- (2.) Unit advised this action will also require General Administration (GA) approval
- (3.) Diane Coltraine will fix lowercase of word “intervention” in the marked catalog copy

X. College of Human Ecology, Department of Criminal Justice

Proposal of New Course(s): JUST 6002

Approved as amended

- (1.) In #16a add “teaching” article, journal, or body of literature
- (2.) In #16a articulate examples of a few of the pedagogical articles and notes that will be posted
- (3.) In #16c add topics related to teaching of adult learners or best practice working with adults
- (4.) In #16d revise grading scale to fill gaps between letter grades

Request to Revise Existing Course(s): JUST 6201

Approved as amended

- (1.) Committee voted to approve this action without resubmission of a syllabus

Request to Revise Existing Course(s): JUST 6991

Approved as amended

Request to Unbank Existing Course(s): JUST 5000

Approved as amended

- (1.) Expand justification text in #5 of the proposal form to provide explanation as to why a 5000-level number is being used over a 4000-level number and affirm the intention to enroll a minority of undergraduate students in this course
- (2.) In #6 expand prerequisite to “P: Consent of instructor or graduate standing in JUST.”
- (3.) In #11 replace “MSJC” with “N/A”
- (4.) In the JUST course list section of the marked catalog copy expand prerequisite to “P: [Consent of instructor or graduate standing in JUST.](#)”

Proposal of New Certificate(s): Criminal Justice Education Certificate

Approved as amended

- (1.) Revise #3 of *Memorandum of Request* to state “CERTIFICATE IN CRIMINAL JUSTICE” rather than “CERTIFICATE IS CRIMINAL JUSTICE”
- (2.) Unit advised that they will need to submit to the EPPC for agenda placement as part of the vetting process for this action
- (3.) Revise electives section to state “9 s.h. of JUST courses as approved by advisor”

- (4.) In marked catalog copy, revise electives section to state “9 s.h. of JUST courses from the following” then provide the list of courses as identified in the certificate proposal document using blue font (JUST 5000, 6001, 6006, 6012, 6202, 6211, 6300, 6400, 6500, 6501, 6502, 6601, 6602, 6700, 6800, 6991)

Revision of Existing Degree (s): Criminal Justice. MS

Approved as amended

- (1.) Add a section C to the *Memorandum of Request* referencing the revision of the MS in Criminal Justice (admissions requirements and change from dual model)

XI. Thomas Harriot College of Arts and Science, Department of Biology

Proposal of New Course(s): BIOL 6882

Approved as amended

- (1.) Missing e-mail notification to and response from the School of Communication regarding the use of “communication” in this course
- (2.) In #10 state “N/A”
- (3.) In #16a use APA or MLA format
- (4.) In #16b replace “PowerPoint” with “electronic”
- (5.) In #16c remove reference to weeks, chapters, assignments; identify topics only
- (6.) In #16d revise grading scale to fill gaps between letter grades
- (7.) In the marked catalog copy, move the prerequisite text to the correct position in the course description

Ex: BIOL 6882 – Science Communication

3

P: Graduate standing in biology or consent of instructor. Examination and analysis of communicating scientific findings in written and oral formats.

Request to Add a Non-Thesis Option to Existing Degree (s): Biology, MS

Approved as amended; 1 voting member abstained

- (1.) Unit advised that they will need to submit to the EPPC for agenda placement as part of the vetting process for this action
- (2.) In paragraph two of the departmental text section of the marked catalog copy replace “(MS Biology or MS Molecular Biology/Biotechnology)” with “(MS in biology or MS in molecular biology/biotechnology)”
- (3.) In paragraph two of the departmental text, replace “Ph.D.” with “PhD”
- (4.) In paragraph three of the departmental text replace all references to a “capstone project” with another phrase, such as “final project”
- (5.) In paragraph three of the departmental text replace “competence in teaching” with something like “competence in teaching by assisting”
- (6.) In paragraph 3 of departmental text replace “a written scholarly review a topic” with “a written scholarly review of a topic”
- (7.) Add BIOL 6882 as a course option in the cell biology concentration area (show blue font)
- (8.) Remove BIOL 7370 as a course option in the cell biology concentration area (show red strikethrough font)

- (9.) Add BIOL 6882 as a course option in the environmental and organismic biology concentration area (show blue font)
- (10.) Remove BIOL 6910, BIOL 7440, and BIOL 7441 as course options in the environmental and organismic biology concentration area (show with red strikethrough font)
- (11.) In the new Non-thesis core, identify the acceptable statistics, statistical reference, or experimental design courses (show with blue font)
- (12.) In the comprehensive evaluation section of the new Non-thesis option, clarify and explain how to quantify the requirement of students to “assist in biology laboratory class instruction for 2 semesters” (maybe identify the specific number of hours, clarify this is unpaid time, etc.; show new text with blue font)
- (13.) Dr. West will work with Chair Decker to revise the new Non-thesis marked catalog copy text and resubmit within the revision window

XII. Thomas Harriot College of Arts and Sciences, Department of English

Proposal of New Course(s): ENGL 6270

Approved as amended

- (1.) In #16a of the course proposal form state these are “samples” of required textbooks/readings
- (2.) In #16b replace “demonstrate” with a measureable verb (articulate how the students will demonstrate)
- (3.) In #16d revise grading scale to fill gaps between letter grades

Request to Revise Existing Course(s): ENGL 6151, 6155, 6220, 6250

Approved as amended

- (1.) In #3 of the course proposal form place an “X” in *Required* (ENGL 6151, 6220, 6250)
- (2.) In #3 of the course proposal form place an “X” in *Elective* (ENGL 6155)
- (3.) In #16a replace “Blackboard” or “on Bb” with “selected by instructor” (ENGL 6151, 6155)
- (4.) In #16a add publication date and ISBN for *The Norton Anthology of American Literature* and remove section referencing inclusion of *Walden*, etc. for this publication (ENGL 6220)
- (5.) In #16a remove course descriptive text for 20th Century American Literature (ENGL 6250)
- (6.) In #16b replace the 4th objective with “Synthesize primary and secondary source materials and databases” (ENGL 6151, 6155, 6220, 6250)
- (7.) In #16c the topics should not be a syllabus; list specific topics; if a topics course, provide a “sample” list of topics (ENGL 6151, 6155, 6250)
- (8.) In #16d revise grading scale to fill gaps between letter grades (ENGL 6151, 6155, 6220, 6250)

Request to Renumber Existing Course(s): ENGL 5840 (to 6840), ENGL 5850 (to ENGL 6850), ENGL 5860 (to ENGL 6868), ENGL 5890 (to 6898), ENGL 7701 (to 6702)

Approved as amended

- (1.) In #3 of the course proposal form place an “X” in *Elective* (ENGL 6850)
- (2.) In #6 remove “prose” from course description (ENGL 6850)

- (3.) In #6 replace “non-fiction” with “nonfiction” (ENGL 6868)
- (4.) In #7 add a reference to the course description revision (ENGL 6898)
- (5.) In #16a us APA or MLA style (ENGL 6702, 6850, 6898)
- (6.) In #16b remove the 2nd sentence from the 5th objective (ENGL 6840, 6850)
- (7.) In #16b replace “Demonstrate an understanding” in the 1st and 3rd objectives with something like “critique or analyze or revise”; replace “Write original creative nonfiction” with “Create original nonfiction” in the 2nd objective; replace “markets” with “potential markets” in the 6th objective; replace “Know” with “Identify” in the 7th objective
- (8.) In #16b replace “revisions to their scripts” with “revised scripts” in the 4th objective; remove the 2nd sentence of the 5th objective; replace “Demonstrate an understanding” with a measureable verb in the 6th objective (ENGL 6898)
- (9.) In #16c remove the “students will” section (ENGL 6840, 6850)
- (10.) In #16c identify how the workshops progress by including topics of workshops (ENGL 6850)
- (11.) In #16d revise grading scale to fill gaps between letter grades (ENGL 6702, 6840, 6850, 6868, 6898)
- (12.) In the English course list section of marked catalog copy, be sure that all courses are in alphanumeric order; replace “**Writing**” in title of ENGL 6702 with “**Communication**”; in new course description section of marked catalog copy for ENGL 6840 add “**ENGL**” in front of 5840 in the formerly statement and replace “Graduate students may repeat” with “~~Graduate students may repeat~~ **May be repeated**”; in new course description section of marked catalog copy for ENGL 6850 remove “**prose**”; in new course description section of marked catalog copy for ENGL 6868 replace “non-fiction prose” with “~~non-fiction prose~~ **nonfiction**”; in new course description section of marked catalog copy for ENGL 6898 the existing text from the current catalog should be identified with red strikethrough text)

Request to Rename Existing Courses (no content revision): ENGL 6700 Technical Editing and Production (to Document Design and Production)

Approved as amended

- (1.) Committee approved title revision without syllabus

Request to Delete Existing Course(s): ENGL 6116, 6121, 6131, 6175, 6185, 6215, 6260

Approved as amended

Request to Revise Existing Degree (s): English, MA

Approved as amended

- (1.) In the MA in English section of the marked catalog copy, research courses should be in alphanumeric order (red strikethrough ENGL 7701 the add ENGL 6702 in blue); in the Literature section, remove “6 s.h. from” by identifying with red strikethrough font; in the Technical and professional communication section ENGL 6702 should be identified in the list with blue font and ENGL 7701 should be identified with red strikethrough font

Request to Revise Existing Certificate(s): Teaching English in the Two-Year College Certificate

Approved as amended

XIV. Old Business

1. College of Nursing

Request to Revise Existing Degree(s): Doctor of Nursing Practice (DNP); BSN to DNP Approved

XV. New Business

None

Curricular Actions Reviewed at this Meeting:

New courses	6
Revised courses (title, description, content, prereq., prefix, unbanking, etc.)	18
Renumbered courses (same or different level)	6
Banked courses	0
Deleted active courses	9
Deleted banked courses	0
New degrees (RAP – Phase I)	0
New degrees (RAE – Phase II)	0
New degrees (RAE – Phase III curriculum approval)	0
Deleted degrees	0
Revised degrees (admission text, core text, concentration text, dept. text, etc.)	11
New concentrations	0
Deleted concentrations	1
New certificates	1
Deleted certificates	1
Revised certificates	2
New minors	0
Deleted minors	0
Revised minors	0

Curricular Actions Reviewed to Date (to include this meeting):

New courses	105
Revised courses (title, description, content, prereq., prefix, unbanking, etc.)	80
Renumbered courses (same or different level)	6
Banked courses	2
Deleted active courses	12
Deleted banked courses	0
New degrees (RAP – Phase I)	1
New degrees (RAE – Phase II)	2
New degrees (RAE – Phase III curriculum approval)	0
New integrated programs	1
Deleted degrees	0
Revised degrees (admission text, core text, concentration text, dept. text, etc.)	25
New concentrations	0
Deleted concentrations	1

New certificates	4
Deleted certificates	2
Revised certificates	8
New minors	0
Deleted minors	0
Revised minors	0

Marked Catalog Copy:

II. College of Technology and Computer Science, Department of Technology Systems

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=560

Occupational Safety, MS

~~The master of science in occupational safety requires a minimum of 30 s.h. credit and is comprised of courses that build upon expertise in foundational regulatory and technical aspects of occupational safety.~~

Required courses include:

- ~~• SAFT 6040—Critical Thinking and Research Methods in Occupational Safety~~
- ~~• SAFT 6250—Occupational Ergonomics~~
- ~~• SAFT 6290—Fire Protection and Prevention and Emergency Management~~
- ~~• SAFT 6310—Risk Management and Workers' Compensation~~
- ~~• SAFT 6402—Applied Safety Management~~
- ~~• SAFT 6410—Systems Safety and Risk Analysis~~

- ~~• EHST 6700—Industrial Hygiene Application and~~
- ~~• EHST 6701—Industrial Hygiene Application Laboratory~~
~~of~~
- ~~• SAFT 6805—Occupational Safety Monitoring and Control~~

Note:

~~Electives from EHST, ITEC, SAFT or other areas are selected as approved by the Graduate Program Coordinator. Students who are deficient in the foundational regulatory and technical aspects of occupational safety may be required to take additional courses. Program pre-requisites include chemistry with lab and statistics.~~

Practicum option:

- ~~• SAFT 6995—Practicum in Occupational Safety~~
- ~~• 6 s.h. of approved electives~~

Thesis option:

- ~~• BIOS 7021—Biostatistics for Health Professionals I~~
- ~~• SAFT 7000—Thesis~~
- ~~• 3 s.h. of approved electives~~

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=560

Occupational Safety, MS

The master of science in occupational safety program prepares students for leadership and managerial positions in occupational safety and health or closely related fields. The program is offered on-campus and online with identical curriculum. Minimum degree requirement is 36-39 s.h. as follows:

1. Foundational/transitional courses - 6 s.h.

- SAFT 6001 - Regulatory Aspects of Occupational and Environmental Safety
- SAFT 6002 - Technical Aspects and Field Audits in Occupational Safety

2. Required courses - 21 s.h.

- SAFT 6040 - Critical Thinking and Research Methods in Occupational Safety
- SAFT 6250 - Occupational Ergonomics
- SAFT 6290 - Fire Protection and Prevention and Emergency Management
- SAFT 6310 - Risk Management and Workers' Compensation
- SAFT 6402 - Applied Safety Management
- SAFT 6410 - Systems Safety and Risk Analysis
- SAFT 6805 - Occupational Safety Monitoring and Control

3. Options - 9-12 s.h.

(Choose one of the following.)

Practicum option - 9 s.h.

- SAFT 6995 - Practicum in Occupational Safety (3 s.h.)
- Approved electives (6 s.h.)

Thesis option - 12 s.h.:

- ITEC 6000 or BIOS 7021 - (3 s.h.)
- SAFT 7000 - Thesis (6 s.h.)
- Approved electives (3 s.h.)

Note:

Electives from CMGT, ITEC, PSYC, SAFT or other areas are selected as approved by the graduate program coordinator. Students who are deficient in the foundational regulatory and technical aspects of occupational safety may be required to take additional courses. Program prerequisites include chemistry with lab and statistics.

Admission Requirements

Applicants must meet the admission requirements of the Graduate School. Acceptance into MS in occupational safety program is based on:

- BS or BA degree from a regionally accredited institution in safety, environmental sciences, biology, chemistry, engineering, technology, environmental health, community health, health education and promotion, economics, business, psychology, and other related fields;
- Satisfactory GRE score; submission of GRE score is waived for applicants holding board certifications such as CSP, CIH, CPE, or PE.
- Three letters of recommendation;

- Statement of purpose or intent;
- Resume;
- Satisfactory completion of pre-requisites, include chemistry with lab and a course in statistics.

After a preliminary review of all applications, the program admissions committee will conduct an interview of all applicants to evaluate the qualifications of applicant and content of application for the admission. The program admissions committee reserves the right to deny any applications based on the result of the interview.

Degree Options

The program offers two options: practicum option and thesis option. Students enrolled in the program may choose either one of the options, based on their qualification and approval of the program's admission committee or the program coordinator.

Delivery Methods

The master of science in occupational safety is offered on-campus and online, with identical curriculum. The online mode of delivery is designed only for qualified working professionals in occupational safety and health or closely related fields. The on-campus mode is designed for individuals who are not working in the field. The program's admissions committee reviews and approves the best mode for applicants, based on evaluation of the application materials and results of admission interview.

Mission, Goals, and Objectives

The mission of the MS in occupational safety program is to provide society with servant leaders who possess the highest ethical values and technical capabilities to make a positive impact through strategically managing risks associated with occupational safety and health.

The overarching goals developed to support the mission of the degree program are to:

- enroll, educate, and support top-quality students from diverse backgrounds, and prepare them to be servant leaders in the practice and further development of safety, health, and environment;
- maintain one of the leading graduate occupational safety programs regionally, nationally, and globally; and
- endow our students with the multidisciplinary technical foundations and attitudes necessary to continue to learn throughout their professional careers.

Program objectives include educating graduates with a working knowledge and general understanding in the broad discipline of occupational safety and health. The areas of emphasis include but are not limited to, safety regulations, industrial hygiene, ergonomics and biomechanics, risk management and workers' compensation, system safety and risk assessment, construction safety management, fire safety, transportation safety, organizational and behavioral aspects of safety, and environmental science and legal implications. Upon successfully completing the plan of study, graduates will be expected to:

1. anticipate, recognize, evaluate, and develop control strategies for hazardous conditions and work practices;
2. demonstrate the application of business and risk management concepts;
3. demonstrate knowledge of the fundamental aspects of safety, industrial hygiene, environmental science, fire science, hazardous materials, emergency management, ergonomics and/or human factors;
4. design and evaluate safety, health, and/or environmental programs;
5. apply adult learning theory to safety training methodology;
6. identify and apply applicable occupational safety, health, and environmental standards, regulations, and codes;
7. conduct accident investigations and analyses; and
8. apply principles of safety and health in a non-academic setting through an intern or supervised experience.

Students graduating from the MS in occupational safety program will be expected to be able to demonstrate the ability to:

- (a) apply knowledge of mathematics, science, and applied sciences;
- (b) design and conduct experiments, as well as to analyze and interpret data;
- (c) formulate or design a system, process, or program to meet desired needs;
- (d) function on multidisciplinary teams;
- (e) identify and solve applied science problems;

- (f) understand professional and ethical responsibility;
- (g) communicate effectively;
- (h) describe the impact of solutions in a global and societal context;
- (i) recognize the need for and an ability to engage in life-long learning;
- (j) identify and describe contemporary issues; and
- (k) use the techniques, skills, and modern scientific and technical tools necessary for professional practice.

Transfer Credits

Applicants with a baccalaureate degree in occupational safety and health from a regionally accredited school, significant verifiable work experience, or appropriate professional designations (i.e., CSP, CIH, ARM, and CPE) may be qualified to receive credit for up to two courses, including foundational/transitional courses (SAFT 6001 and SAFT 6002), with appropriate documentation.

http://catalog.ecu.edu/preview_entity.php?catoid=3&ent_oid=214&returnto=192

SAFT 6250 - Occupational Ergonomics

3

P/C: SAFT 6040 or consent of ~~instructor.~~ program coordinator. Focus on dimensions of occupational ergonomics practice and applications intended to reduce worker/hardware/environmental interface problems in order to enhance worker performance while minimizing adverse physiological effects.

SAFT 6282 - Design for Safety and the Environment

3

P/C: SAFT 6001, ~~SAFT 6002;~~ or consent of ~~instructor.~~ program coordinator. Overview and application of strategy formulation, technical tools, and management tactics required to integrate safety and environmental principles into earliest life-cycle stages of products, processes, and technologies.

SAFT 6288 - Contemporary Issues in Occupational Safety

3

P/C: SAFT 6001, SAFT 6040; or consent of ~~instructor.~~ program coordinator Examination of current topics in occupational safety.

SAFT 6310 - Risk Management and Workers' Compensation

3

P/C: SAFT 6001, SAFT 6040; or consent of ~~instructor.~~ program coordinator. Advanced study of risk management strategies in reducing corporate financial losses due to accidents and injuries. Overview of insurance, commercial general liability, and workers' compensation cost containment process.

SAFT 6320 - Environmental Operations and Hazardous Materials

3

P/C: SAFT 6001 or consent of ~~instructor.~~ program coordinator. Measures applicable to handling, storage, and transportation of hazardous materials and disposal of waste. Examines emergency and disaster preparedness models.

SAFT 6402 - Applied Safety Management

3

P/C: SAFT 6001, ~~SAFT 6040~~; or consent of ~~instructor~~. program coordinator. Practical application of principles of supervisory safety management as related to supervision at various levels in line organization of manufacturing, construction, and service industries.

SAFT 6410 - Systems Safety and Risk Analysis

3

P/C: SAFT 6001 or consent of ~~instructor~~. program coordinator. Applications-oriented study of recognition, assessment, and evaluation of risks in occupational environment. Formulation of control systems for alleviation of accidents and injuries.

SAFT 6805 - Occupational Safety Monitoring and Control

3

P/C: SAFT 6001 or consent of ~~instructor~~. program coordinator. Discovery, recognition, monitoring, and control of harmful agents in work place.

III. College of Technology and Computer Science, Department of Technology Systems

http://catalog.ecu.edu/preview_entity.php?catoid=3&ent_oid=214&returnto=192

Department of Technology Systems

Tijjani Mohammed, Chair, Suite 202, Science and Technology Building

The Department of Technology Systems offers graduate programs leading to the graduate certificate, the master of science, and a consortium-based doctor of philosophy (PhD). The department is a leading proponent of collaborative network-based learning and offers many of its graduate programs online. Students are expected to be proficient in use of a personal computer and have access to high speed internet service.

Graduate certificates offered through the department include: computer network professional, information assurance, lean six-sigma black-belt (LSSBB), performance improvement, and website developer. The department also offers a master of science (MS) in network technology, MS in technology systems, and MS in occupational safety. The MS in network technology degree program includes studies in the areas of computer networking management, digital communications technology, information security, and web technologies. The MS in technology systems degree program includes study in the areas of environmental planning and development, industrial distribution and logistics, manufacturing systems, performance improvement, and quality systems. The MS in occupational safety builds upon expertise in foundational regulatory and technical aspects of occupational safety and is a stand along degree program. The doctor of philosophy (PhD) in technology management is designed to prepare scholars for leadership positions in education, industry, government, and business. The PhD is offered through a five-university consortium with the degree being awarded through Indiana State University. Graduates from all of these graduate programs are prepared to manage rapidly changing technologies and technical systems.

General Admission Requirements

Applicants must meet the admission requirements of the Graduate School. Acceptance into any master's degree program in the Department of Technology Systems is based on satisfactory undergraduate grades, scores on a graduate test including

the Graduate Management Admission Test (GMAT), the Graduate Record Examinations (GRE), and the Miller's Analogy Test (MAT), and letters of reference. Completion of an undergraduate degree in a field related to the desired concentration or significant related technical experience are required for admission. Students with limited technical expertise or a non-related baccalaureate degree are evaluated on a case-by-case basis by each program's Graduate Admissions Committee. In some cases, remedial undergraduate courses or additional graduate courses are required to complement the graduate program.

Programs

Master's

- Network Technology, MS
- Occupational Safety, MS
- Technology Systems, MS

Doctoral

- Technology Management, PhD

Certificate

- Computer Network Professional Certificate
- Information Assurance Certificate
- Lean Six-Sigma Black-Belt (LSSBB) Certificate
- ~~Performance Improvement Certificate~~
- Website Developer Certificate

Courses

Information and Computer Technology

- ICTN 6200 - Information Technology Project Management
- ICTN 6800 - Internet Research Methods
- ICTN 6805 - Computer Networking Hardware
- ICTN 6810 - Communication Technology
- ICTN 6815 - Network Media Services
- ICTN 6820 - Networking Technology for Industry
- ICTN 6823 - Information Security Management
- ICTN 6825 - Dynamic Web Services
- ICTN 6830 - Advanced Networking Technology
- ICTN 6835 - Enterprise Web Services
- ICTN 6840 - Communication Strategies for Industry
- ICTN 6845 - Web Site Development
- ICTN 6850 - Managing Technological Change
- ICTN 6853 - Cryptography Algorithms and Applications
- ICTN 6855 - Networked Commerce Systems
- ICTN 6860 - Special Topic in Technology
- ICTN 6861 - Special Topic in Technology
- ICTN 6862 - Special Topic in Technology
- ICTN 6865 - Fundamental Network Security

- ICTN 6870 - Advanced Network Security
- ICTN 6873 - Network Intrusion Detection and Incident Response
- ICTN 6875 - Emerging Technology
- ICTN 6878 - Legal and Ethical Issues in Information Technology
- ICTN 6880 - Advanced Topics in Information Infrastructure Design
- ICTN 6883 - System Integrity for Information Technology
- ICTN 6885 - Network Management Technology
- ICTN 6900 - Practicum
- ICTN 7000 - Thesis
- ICTN 7001 - Thesis: Summer Research
- ICTN 9001 - Dissertation: Summer Research

Industrial Distribution and Logistics

- IDIS 6500 - Collaborative Planning in the Supply Network
- IDIS 6515 - Logistical Security and Safety Management
- IDIS 6525 - Transportation Logistics Management
- IDIS 6535 - Supply Chain Logistics Management
- IDIS 6545 - Global Logistics Management

Industrial Technology

- ITEC 6000 - Statistical Applications in Industry
- ITEC 6001 - Technology Process Change Management
- ITEC 6002 - Lean Manufacturing
- ITEC 6003 - Production Planning and Inventory Management
- ITEC 6005 - Lean Enterprise
- ITEC 6010 - Readings in Industry
- ITEC 6050 - Strategies for Technical Management and Communications
- ITEC 6060 - Research Methods in Technology
- ITEC 6100 - Practicum in Industrial Technology
- ITEC 6110 - Quality Planning and Analysis
- ITEC 6112 - Design of Experiments for Products and Processes
- ITEC 6200 - Technology Project Management
- ITEC 6295 - Digital Communications for Technology
- ITEC 6400 - Research in Industrial Technology
- ITEC 6406 - Capital Project and Cost Analysis for Technology
- ITEC 6407 - Computer Integrated Manufacturing and Automation
- ITEC 6501 - Enterprise Process Improvement Project
- ITEC 6600 - Quality Systems
- ITEC 6901 - Special Topics in Technology
- ITEC 6902 - Special Topics in Technology
- ITEC 6903 - Special Topics in Technology
- ITEC 7000 - Thesis
- ITEC 8100 - Research Internship
- ITEC 8101 - Research Internship
- ITEC 9000 - Dissertation

Occupational Safety

- SAFT 6001 - Regulatory Aspects of Occupational and Environmental Safety

- SAFT 6002 - Technical Aspects and Field Audits in Occupational Safety
- SAFT 6040 - Critical Thinking and Research Methods in Occupational Safety
- SAFT 6250 - Occupational Ergonomics
- SAFT 6282 - Design for Safety and the Environment
- SAFT 6288 - Contemporary Issues in Occupational Safety
- SAFT 6290 - Fire Protection and Prevention and Emergency Management
- SAFT 6310 - Risk Management and Workers' Compensation
- SAFT 6320 - Environmental Operations and Hazardous Materials
- SAFT 6402 - Applied Safety Management
- SAFT 6410 - Systems Safety and Risk Analysis
- SAFT 6805 - Occupational Safety Monitoring and Control
- SAFT 6901 - Special Topics in Occupational Safety
- SAFT 6902 - Special Topics in Occupational Safety
- SAFT 6903 - Special Topics in Occupational Safety
- SAFT 6995 - Practicum in Occupational Safety
- SAFT 7000 - Thesis

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=566

Performance Improvement Certificate

~~Applicants to the performance improvement certificate must currently have a bachelors degree. Students may transfer up to 9 s.h. as a nondegree student toward the graduate MS in instructional technology or MS in performance systems improvement. Graduate School retention standards will apply.~~

Required courses:

- ~~• EDTC 6010 - Introduction to Instructional Technology~~
- ~~• EDTC 6020 - Principles of Instructional Design~~
- ~~• EDTC 6125 - Performance Technology: Principles and Strategies~~
- ~~• ITEC 6001 - Technology Process Change Management~~
- ~~• ITEC 6200 - Technology Project Management~~
- ~~• ITEC 6050 - Strategies for Technical Management and Communications~~

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=561

Technology Systems, MS

Minimum degree requirement is 30 s.h. of credit as follows:

Common core - 12 s. h.:

- ITEC 6000 - Statistical Applications in Industry
- ITEC 6050 - Strategies for Technical Management and Communications
- ITEC 6200 - Technology Project Management
- ITEC 6406 - Capital Project and Cost Analysis for Technology

Concentrations - 18 s.h.

(Choose one)

Environmental planning and development:

Courses serving the needs of students to provide training that will equip the student to work in the coastal regions across the nation, developing sustainable building and hazard mitigation codes as well as maximizing the recreational opportunities while minimizing the impact on the environment.

PLAN 6055—Coastal Planning and Policy

PLAN 6020—Seminar in Environmental Planning

PLAN 6029—Research in Environmental Planning

PLAN 6301—GIS and CAD Application for Planning

PLAN 6305—Developmental Planning and the Environment

Industrial Distribution and Logistics:

This concentration prepares students for the evolving and changing technology management techniques and theories in the area of distribution and logistics. Focus is on understanding, modeling, analyzing, and improving the supply chain and its related elements.

IDIS 6500 - Collaborative Planning in the Supply Network

IDIS 6535 - Supply Chain Logistics Management

IDIS 6545 - Global Logistics Management

ITEC 6001 - Technology Process Change Management

ITEC 6600 - Quality Systems

Approved elective from ICTN, ITEC, SAFT

Manufacturing Systems:

The manufacturing systems concentration prepares students for upper-level positions in the manufacturing industry. The curriculum provides industry based, problem-solving experiences in Lean manufacturing concepts, production planning and inventory management, computer integrated manufacturing, improvement of the quality of manufacturing enterprises, change management, and productivity improvement.

ITEC 6002 - Lean Manufacturing

ITEC 6003 - Production Planning and Inventory Management

ITEC 6407 - Computer Integrated Manufacturing and Automation

ITEC 6600 - Quality Systems

2 approved electives from

ICTN

IDIS 6535 - Supply Chain Logistics Management

ITEC 6001 - Technology Process Change Management

ITEC 6005 - Lean Enterprise

ITEC 6110 - Quality Planning and Analysis

ITEC 6112 - Design of Experiments for Products and Processes

ITEC 6903 - Special Topics in Technology

SAFT 6250 - Occupational Ergonomics

SAFT 6402 - Applied Safety Management

Performance Improvement:

This concentration serves students with a human resource and organizational performance improvement career interest.

Courses focus on a systems view of how to develop and implement significant improvement in organizational performance in a technology driven organization.

EDTC 6010 - Introduction to Instructional Technology

EDTC 6020 - Principles of Instructional Design
EDTC 6045 - Human-Computer Interface Design
EDTC 7125 - Training Systems Engineering
ITEC 6001 - Technology Process Change Management

Approved elective from

EDTC
IDIS
ITEC
PSYC

Quality Systems:

The quality systems concentration prepares students for upper-level positions in quality management fields. The curriculum provides industry based, problem-solving experiences in Lean enterprise, quality planning and analysis, experimental design, improvement of the overall quality of enterprises, and process improvement of management systems.

ITEC 6005 - Lean Enterprise
ITEC 6110 - Quality Planning and Analysis
ITEC 6112 - Design of Experiments for Products and Processes
ITEC 6600 - Quality Systems

2 approved electives from

ICTN
IDIS 6535 - Supply Chain Logistics Management
ITEC 6001 - Technology Process Change Management
ITEC 6002 - Lean Manufacturing
ITEC 6003 - Production Planning and Inventory Management
ITEC 6407 - Computer Integrated Manufacturing and Automation
ITEC 6903 - Special Topics in Technology
SAFT 6250 - Occupational Ergonomics
SAFT 6402 - Applied Safety Management

Thesis Option

For students interested in a research focus, the MS in technology systems provides a thesis option with six credit hours of the required thirty hours dedicated to the development of independent research. Students should identify a thesis advisor early and develop an abstract of the research topic and the contribution. The MS thesis option committee will consist of three members.

IV. Thomas Harriot College of Arts and Sciences, Department of Mathematics – tabled to fall (no presenters)

V. College of Allied Health Sciences, Department of Physicians Assistant Studies

Department of Physician Assistant Studies
Marked Catalog copy Spring 2014

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=486&returnto=187

PADP 6640 Evidence-Based Medicine

2

P: Admission to MS PA Program or consent of program director. Evaluate the medical literature for evidence-based medical practice.

~~PADP 6680—Introduction to Clerkship~~

~~4~~

~~Emphasis on preparing the student for clinical rotation experiences and medical procedures.~~

PADP 6690 Introduction to Clinical Practice

6

P: Admission to MS PA Program or consent of program director. Demonstrate competence in performing patient histories, physical examinations, developing a diagnostic impression and creating evidence based treatment plans.

~~PADP 6980—Research Project~~

~~4~~

~~Admission to candidacy, successful completion of didactic and clinical phases of the program, and successful performance on comprehensive exam as designated by dept.~~

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PADP 6640 - Evidence Based Medicine

2

P: Enrolled in PA program or consent of program director. Evaluation of medical literature for evidence based medical practice.

~~PADP 6680—Introduction to Clerkship~~

~~4~~

~~Emphasis on preparing the student for clinical rotation experiences and medical procedures.~~

PADP 6690 - Introduction to Clinical Practice

6

P: Enrolled in PA program or consent of program director. Demonstrate competence in performing patient histories, physical examinations, developing a diagnostic impression and creating evidence based treatment plans.

~~PADP 6980—Research Project~~

~~4~~

~~Admission to candidacy, successful completion of didactic and clinical phases of the program, and successful performance on comprehensive exam as designated by dept.~~

Physician Assistant, MS

Physician assistant majors must pass all physician assistant core courses with a minimum numerical grade of 70 percent and an overall GPA of 3.0 for the semester. A student earning less than a grade of 70 percent or an overall GPA of 3.0 for the semester must petition the Department of Physician Assistant Studies for probationary continuation. A student must have completed a baccalaureate degree from a college or university accredited by a regional accrediting organization, must have completed the prerequisite requirements as listed below and must have a minimum prerequisite GPA of 3.0 to be eligible to apply for admission into the professional phase of the physician assistant curriculum. Any exceptions must be approved by the department chair. All requirements for continuation in the graduate school must be met. The minimum requirement for the degree is 99 s.h. as follows:

Prerequisite Requirements:

Courses to be completed prior to entering the program with at least a 3.0 GPA.

- Chemistry with lab: One full academic year
- Genetics: One semester
- Human Anatomy and Physiology with lab: One full academic year
- Medical Terminology: One semester
- Microbiology: One semester
- Psychology: One semester
- Statistics: One semester

Core Courses:

- PADP 6000 - The Role of the Physician Assistant and the History, Philosophy, and Ethics of Medical Practice
- PADP 6010 - Diagnostic Methods I
- PADP 6020 - Diagnostic Methods II
- PADP 6030 - Clinical Gross Anatomy
- PADP 6040 - Human Physiology
- PADP 6050 - Introduction to Clinical Medicine
- PADP 6150 - Clinical Medicine I
- PADP 6200 - History and Physical Exam I
- PADP 6210 - History and Physical Examination II
- PADP 6220 - History and Physical Examination III
- PADP 6250 - Clinical Medicine II
- PADP 6500 - Pharmacology and Pharmacotherapeutics
- [PADP 6640 – Evidence-Based Medicine](#)
- PADP 6650 - Surgery and Emergency Medicine Skills
- ~~PADP 6680 – Introduction to Clerkship~~
- [PADP 6690 - Introduction to Clinical Practice](#)

- PADP 6800 - Behavioral Medicine and Psychosocial Issues in Health Care
- PADP 6810 - Medical Ethics and Jurisprudence
- PADP 6850 - Health Promotion/Disease Prevention
- ~~PADP 6980 – Research Project~~

Note:

To continue to the clinical portion of the curriculum, the student must successfully pass all didactic courses listed above with an overall 3.0 GPA and no more than 6 s.h. of Cs.

Clinical Courses:

- PADP 6310 - Behavioral Medicine Clinical Practicum
- PADP 6320 - Internal Medicine Clinical Practicum
- PADP 6330 - Family Medicine Clinical Practicum
- PADP 6340 - General Surgery Clinical Practicum
- PADP 6350 - Emergency Medicine Clinical Practicum
- PADP 6360 - Pediatrics Clinical Practicum
- PADP 6370 - Women's Health and Prenatal Care Clinical Practicum
- PADP 6380 - Geriatrics Clinical Practicum
- PADP 6390 - International Medicine Clinical Practicum
- PADP 6395 - Physician Assistant Studies Clinical Practicum

VI. College of Health and Human Performance, Department of Health Education and Promotion

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=529

Health Education, MA

The master of arts degrees in health education and promotion provide advanced academic training for individuals employed or planning to seek employment as health educators in academic, clinical, community, and corporate settings. Undergraduate training in health education or the social and biological sciences is preferred. Applicants with undergraduate preparation deficient in these areas will be required to remove such deficiencies through supplemental course work as designated by the department's graduate faculty.

The basic curriculum plan for the MA in health education and promotion requires 36 s.h. All students take the core courses and then select from one of three options: thesis, internship, or course work. Students select electives in consultation with their advisor.

Core courses - 18 s.h.:

- HLTH 6001 - Foundations of Health Education and Promotion
- HLTH 6011 - Introduction to Epidemiology
- [HLTH 6101 – Research Methods in Health Education](#)
- HLTH 6110 - Intervention Strategies for Health Education and Promotion
- HLTH 6600 - Needs Assessment in Health Education and Promotion
- ~~HLTH 6700 – Qualitative Research and Evaluation Methods~~
- ~~HLTH 6800 – Quantitative Research and Evaluation Methods~~
- [HLTH 6650 – Evaluation of Health Education and Health Promotion Programs](#)

Thesis option: - 6 s.h.

- HLTH 7000 - Thesis

Research skills - 3 s.h.:

[\(Choose one of the following\)](#)

- BIOS 7021 - Biostatistics for Health Professionals I or
- [RCLS 6300 – Statistics and Analysis in Health and Human Performance](#)

Guided electives - 9 s.h.

Note:

The student writes and orally defends a thesis. The thesis proposal must be approved by the student's advisor and a committee that comprises three health education and promotion faculty and an outside reviewer.

Internship option:

6 s.h.

- HLTH 6990 - Internship in Health Education
- HLTH 6991 - Internship in Health Education

Guided electives - 12 s.h.

Note:

The student completes a 240-hour internship experience and writes an internship report. The student also completes a comprehensive examination covering both core and research skills courses. The graduate advisor selects the committee to examine the student.

Course work option:

Guided electives - 18 s.h.

Note:

The student completes a comprehensive examination covering both core and research skills courses. The graduate advisor selects the committee to examine the student.

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HLTH 6650 – Evaluation of Health Education and Promotion Programs

3

P: HLTH 6600; or consent of instructor. Principles and procedures to evaluate the process and impact of health promotion/disease prevention programs in community, clinical and corporate settings.

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Health Banked Courses

- HLTH 6005 - Introduction to Worksite Health Promotion
- HLTH 6006 - Planning and Evaluating Worksite Health Promotion Programs
- HLTH 6007 - Employee Health and Productivity
- ~~HLTH 6101 - Research Methods in Health Education~~

http://catalog.ecu.edu/preview_entity.php?catoid=3&ent_oid=200&returnto=192

HLTH 6101 - Research Methods in Health Education

3

Basic knowledge and skills regarding design, implementation, analysis, and interpretation of research in health education and promotion.

VII. College of Health and Human Performance, Department of Health Education and Promotion

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=528&returnto=187

EHST 6420 - ~~Sanitary Microbiology and Safety of Foods~~ Food Safety Science and Public Health Protection

3

P: Consent of instructor. ~~Sanitary microbiology and chemical safety of foods. Topics include natural toxicants, food additives, and regulations for protection of public health.~~ Food safety emphasizing foodborne pathogens, toxicants and toxins, and food additives. Covers farm-to-fork safety systems, hazard analysis, and critical control point (HACCP) approaches to protecting public health.

VIII. College of Health and Human Performance, Department of Kinesiology – **tabled (unit will resubmit in the fall)**

IX. College of Health and Human Performance, Department of Recreation and Leisure Studies

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=534

Recreation Services and ~~Park Administration~~ Interventions, MS

The Department of Recreation and Leisure Studies offers a master of science degree in recreation **services** and ~~park administration interventions (RPA)~~ with two concentrations – recreation and park administration (RPA) and recreational therapy administration (RTA). ~~, which is designed for individuals employed in or seeking employment in a diverse range of settings. Students may choose a thesis option (36 s.h.) or special project option (39 s.h.) as part of the degree. Depending~~

upon selected coursework, the master's in recreation and park administration prepares students for upper level positions in community parks and recreation, recreation resource management, recreational therapy, recreation sports management, commercial recreation, and travel and tourism. Prior education and experience facilitates timely graduation. Individuals with undergraduate deficiencies will be required to remove such deficiencies through supplemental course work while enrolled in the graduate program. The program is designed for individuals employed in or seeking employment in a diverse range of settings. The concentration in recreation and park administration prepares students for positions in multiple settings including community parks and recreation, recreation resource management, recreation sports management, and travel and tourism. The concentration in recreational therapy administration provides advanced education for clinical, administrative, and research positions in recreational therapy and healthcare-related careers. Individuals pursuing the RTA concentration who do not meet national certification requirements upon admission will be required to take supplemental course work while enrolled in the graduate program.

The degree requires 36-39 s.h. as follows:

1. Core - 18 12 s.h.:

- RCLS 6000 –Philosophical and Social Science Foundations of Leisure Services Recreation Services and Interventions
- RCLS 6100 –Risk Management and Legal Liability in Recreation, Leisure, and Recreational Sport
- RCLS 6110 - Research Methods in Recreational Therapy and Recreation and Leisure Services Recreation Services and Interventions
- RCLS 6120 - Seminar in Recreation, Leisure, and Recreational Therapy Administration Services and Interventions
- RCLS 6210 –Management and Program Development in Recreation and Leisure Services
- RCLS 6220 –Managing Commercial and Tourism Industry Leisure Services
- RCLS 6300 - Statistics and Analysis in Health and Human Performance

2. Concentration – 9 s.h.:

Generalist:

- MGMT 6102 –Comparative Management
- MKTG 6162 –Marketing Management
- MKTG 6642 –Marketing Research

Recreational Sports Management:

- RCLS 5111 –Recreational Facilities Management
- RCLS 6005 –Recreational Sports and Activities Management

Choose 3 s.h. from:

-
- ~~EXSS 6445 - Sport Psychology~~
 - ~~PADM 6120 - Public Budgeting and Finance~~
 - ~~RCLS 5100 - Aquatic Facility Management~~
 - ~~RCLS 5101 - Waterfront Facility Operations~~

3. Thesis or non-thesis option - 12-15 s.h.

Thesis option - 12 s.h.:

- ~~OMGT 6123 - Quantitative Methods~~
- ~~MKTG 6642 - Marketing Research~~
- ~~RCLS 7000 - Thesis~~

Non-thesis option - 15 s.h.:

- ~~OMGT 6123 - Quantitative Methods~~
- ~~RCLS 6501 - Capstone Experience in Recreation and Leisure Services Administration~~
- ~~9 s.h. of approved electives~~

2. Concentration - 12 s.h.:

(Choose one area)

Recreation and park administration - 12 s.h.

- RCLS 6210 - Management and Program Development in Recreation and Park Administration
- RCLS 6220 - Managing Commercial and Tourism Industry

Choose 6 s.h. from the following courses:

- MKTG 6162 - Marketing Management
- PADM 6120 - Public Budgeting and Finance
- RCLS 5100 - Aquatic Facility Management
- RCLS 5111 - Recreation Facilities Management
- RCLS 6005 - Recreational Sports and Activities Management
- RCLS 6501 - Capstone Experience in Recreation and Park Administration

Note: RCLS 6990 will be required of recreation and park administration students who do not have approved prior experience, internship, or certification in recreation or recreational therapy.

Recreational therapy administration - 12 s.h.

- RCTX 6310 - Program Development and Management in Recreational Therapy
- RCTX 6320 - Client Assessment, Evaluation, and Documentation in Recreational Therapy
- RCTX 6330 - Administrative Aspects of Recreational Therapy

Choose 3 s.h. of approved electives.

Note: RCLS 6990 is required for recreational therapy administration students who are not currently state or nationally credentialed in recreational therapy.

3. Thesis or non-thesis option - 12-15 s.h.

(Choose an option by concentration)

Recreation and park administration:

Thesis option (12 s.h.)

- RCLS 7000 - Thesis (6 s.h.)
- 6 s.h. of approved electives

Non-thesis option (15 s.h.)

- RCLS 6501 - Capstone Experience in Recreation and Park Administration
- 12 s.h. of approved electives

Recreational therapy administration:

Thesis option (12 s.h.)

- RCLS 7000 - Thesis (6 s.h.)
- 6 s.h. of approved interventions-based electives

Non-thesis option (15 s.h.)

- RCTX 6502 - Capstone Experience in Recreational Therapy
- 6 s.h. of approved interventions-based electives
- 6 s.h. of approved electives

X. College of Human Ecology, Department of Criminal Justice

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=542&returnto=187

Criminal Justice, MS

← Return to: Graduate Degree Programs

The master's program in criminal justice prepares students to become highly skilled and competent professionals who are equipped to seek advancements in the criminal justice profession, teach on the community college level, or pursue a terminal degree in criminal justice or a closely related field. Students must complete ~~24~~ **18** s.h. of core courses, ~~15~~ **18** s.h. of electives, and can choose to obtain certification in security studies, **public management and leadership, or criminal justice education. To obtain certification in criminal justice education students must complete 18 s.h. of required core and elective courses. JUST 6991 professional paper** ~~A comprehensive examination~~ is required for completion of the master's degree in criminal justice ~~and can be taken after the completion of 27 s.h. and all core courses. Students are allowed a maximum of two attempts to successfully pass the examination.~~

A minimum of 36 s.h. of credit is required as follows:

1. Core - ~~21~~ **18** s.h.:

- JUST 6000 - Criminal Justice Principles
- JUST 6001 - Seminar in Research Methods and Statistical Interpretation
- ~~JUST 6006 - Seminar in Corrections~~
- ~~JUST 6012 - Seminar in Law Enforcement~~
- JUST 6201 - Seminar in **Criminology** **Criminal Behavior**

- JUST 6300 - Principles of Criminal Justice Administration and Management
- ~~JUST 6500 - Seminar in Criminal Justice Courts~~
- JUST 6800 - Program Evaluation
- JUST 6991- Professional Paper

2. Electives - 15 18 s.h.:

- JUST courses

Admission Requirements- Master of Science in Criminal Justice

Each applicant is reviewed individually by the admissions committee. One criterion does not determine acceptance or rejection. A bachelor's degree from an accredited academic institution with a minimum overall undergraduate grade point average of 2.7 on a 4.0 scale is required. Transfer credit must be established at the time of admittance.

Other requirements are as follows:

- ~~Resident admissions~~ - Applicants must submit 1) satisfactory entrance examination scores on the GRE or TOEFL as established by the Graduate School (**GRE is not required for Certificate only applicants**), 2) official transcripts of all undergraduate and graduate work since graduating high school, 3) three current letters of reference , 4) a statement of purpose that describes the applicant's relevant work experience, short- and long-term goals, and specific interests in the master's of criminal justice program (500-750 word, single spaced, typewritten), and 5) a personal interview may be requested.

Admission Requirements- Certificate in Criminal Justice Education

Each applicant is reviewed individually by the admissions committee. One criterion does not determine acceptance or rejection. A bachelor's degree from an accredited academic institution with a minimum overall undergraduate grade point average of 2.7 on a 4.0 scale is required. Transfer credit must be established at the time of admittance.

Applicants must submit 1) official transcripts of all undergraduate and graduate work since graduating high school, 3) three current letters of reference , 4) a statement of purpose that describes the applicant's relevant work experience, short- and long-term goals, and specific interests in the master's of criminal justice program (500-750 word, single spaced, typewritten), and 5) a personal interview may be requested.

- ~~Distance education (DE) admissions - All requirements for resident admissions apply to DE admissions. DE applicants must also be employed as a criminal justice practitioner or practitioner in a closely related field and have a minimum of five years of full-time (paid) employment experience in such positions. Written employment verification is required on official agency letterhead and it must be signed by an agency administrator.~~

~~Students are not permitted to change admission classification (i.e., resident admission and DE admission) without prior departmental approval.~~

A student may elect to attend the program on a part-time basis. In order to qualify for part-time status a student must take a

minimum of two courses per semester. It is recommended that at least one core course be taken each of the semesters that the student is enrolled in the program.

Security Studies Departmental Certificate

The department participates in the offering of a graduate certificate in security studies. Up to 15 s.h. of courses required for the graduate certificate in security studies can be transferred as electives for the master of science in criminal justice. See Thomas Harriot College of Arts and Sciences, Department of Political Science , for certificate requirements.

Certificate in Public Management and Leadership

Up to 15 s.h. of courses required for the graduate certificate in public management and leadership can be transferred as electives for the master of science in criminal justice. See Thomas Harriot College of Arts and Sciences, Department of Political Science, for certificate requirements.

Certificate in Criminal Justice Education (18 s.h.)

The 18 s.h. certificate in criminal justice education is open to students interested in community college or vocational teaching in the criminal justice field. It focuses on enhancing the student's knowledge of contemporary criminal justice issues while preparing the student to effectively deliver instruction.

Core (9 s.h.)

- **JUST 6000 Criminal Justice Principles**
- **JUST 6002 Seminar in Criminal Justice Education**
- **JUST 6201 Seminar in Criminal Behavior**

Electives (9 s.h. of JUST courses from the following)

- JUST 5000 - Comparative Criminal Justice
- JUST 6001 - Seminar in Research Methods and Statistical Interpretation
- JUST 6006 - Seminar in Corrections
- JUST 6012 - Seminar in Law Enforcement
- JUST 6202 - Advanced Criminology
- JUST 6211 - Statistics in Criminal Justice
- JUST 6300 - Principles of Criminal Justice Administration and Management
- JUST 6400 - Contemporary Issues in Juvenile Justice
- JUST 6500 - Seminar in Criminal Justice Courts
- JUST 6501 - Civil Liability in Criminal Justice
- JUST 6502 - Criminal Justice and Terrorism
- JUST 6601 - Special Topics
- JUST 6602 - Directed Study in Criminal Justice
- JUST 6700 - Diversity Issues in Criminal Justice
- JUST 6800 - Program Evaluation (Applied)

http://catalog.ecu.edu/content.php?filter%5B27%5D=JUST&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=193&search_database=Filter&filter%5Bexact_match%5D=1

JUST 5000 - Comparative Criminal Justice

3

P: Graduate standing in JUST or consent of instructor. Multinational and comparative study of crime and criminal justice including the examination of legal, police, court, correction, and juvenile system models.

JUST 6000 - Criminal Justice Principles

3

Systemic nature of current crime control efforts in criminal justice system.

JUST 6001 - Seminar in Research Methods and Statistical Interpretation

3

Fundamental principles of research methodology, experimental and survey designs, scaling and sampling techniques, and interpreting statistical analyses.

JUST 6002- Seminar in Criminal Justice Education

3

P: Graduate standing in JUST. Effective delivery of instruction of foundational and contemporary criminal justice issues.

JUST 6006 - Seminar in Corrections

3

Analytical perspective of history, development, current practices, and future of corrections. Detention, institutional, and community-based correctional issues in local, state, and federal systems.

JUST 6012 - Seminar in Law Enforcement

3

Police culture in American society. Emphasis on territorial control, solidarity vs. code of silence, issues of morality, and price of misconduct.

JUST 6201 - Seminar in ~~Criminology~~ Criminal Behavior

3

P: Graduate standing in JUST. Theories and systems of criminological thought. Analysis of conceptual foundations of contemporary institutions and policies, formulation of crime prevention strategies, and development of responses to practical problems which arise in delivery of criminal justice.

JUST 6202 - Advanced Criminology

3

P: JUST 6201 . Criminological theory applied to crime in NC, US, and other countries.

JUST 6211 - Statistics in Criminal Justice

3

P: Graduate standing in JUST or consent of instructor. Social science statistics for data analysis.

JUST 6300 - Principles of Criminal Justice Administration and Management

3

Theoretical and practical analysis of management principles of criminal justice organizations. Organizational structure, leadership strategies, strategic planning, and performance evaluation.

JUST 6400 - Contemporary Issues in Juvenile Justice

3

Violent juvenile and female offenders and juvenile system.

JUST 6500 - Seminar in Criminal Justice Courts

3

P: Graduate standing in criminal justice or consent of instructor. Substantive and procedural law. Judicial process, criminal law, constitutional criminal procedure, rights of prisoners, and juvenile law.

JUST 6501 - Civil Liability in Criminal Justice

3

Liability issues of criminal justice personnel in US. Strategies to reduce risk of exposure to liability. Legal role and responsibilities as criminal justice practitioner.

JUST 6502 - Criminal Justice and Terrorism

3

Issues of (who) the types of individuals and organizations involved in terrorism; (what) the types of activities conducted; (when) examinations of historical, socio political, and economic forces that facilitate terrorism; (where) temporal and geographic aspects of terrorism; (how) structural, administrative and organizational issues related to terrorism, and official (governmental, law enforcement) responses to terrorism.

JUST 6601 - Special Topics

2-4

P: Graduate standing in JUST or consent of instructor. Contemporary criminal justice issues.

JUST 6602 - Directed Study in Criminal Justice

3

For advanced students. May be repeated for a maximum of 6 s.h. with consent of director. Independent study under faculty supervision.

JUST 6700 - Diversity Issues in Criminal Justice

3

Impact of America's changing demographics. Emphasis on women, elderly, and minorities. Criminal justice professionals and clients.

JUST 6800 - Program Evaluation (Applied)

3

P: Graduate standing in JUST or consent of instructor. Evaluation methods that provide understanding of qualitative research.

JUST 6990 - Field Practicum

3

P: Successful completion of minimum of 30 s.h. in JUST graduate program. Practical application of criminal justice knowledge in community settings.

JUST 6991 - Professional Paper

3

P: Graduate standing in JUST. ~~May be repeated. P: Consent of instructor.~~ Independent analyses of a pertinent criminal justice related problem with **faculty** guidance ~~of a faculty committee~~ culminating in a written report.

Criminal Justice Banked Courses

- ~~JUST 5000 - Comparative Criminal Justice~~

XI. Thomas Harriot College of Arts and Science, Department of Biology

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DEPARTMENT OF BIOLOGY

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Jeffrey S. McKinnon, Chair, BN-108 Howell Science Complex

Terry L. West, Director of Graduate Studies, BN-108E Howell Science Complex

~~As a prerequisite to graduate study in a degree program, the Department of Biology requires that the applicant meet the admission requirements of the university, make satisfactory scores on the Graduate Record Examinations, and show competence in specific related areas.~~ Students entering the MS programs in the department of biology must have a baccalaureate degree in biology or equivalent training in a related field, make satisfactory scores on the Graduate Record Examination, and meet all the requirements for admission as approved by the Graduate School (<http://www.ecu.edu/gradschool>) (<http://www.ecu.edu/cs-acad/gradschool/upload/Graduate-Application-Deadlines.pdf>). Each entering student should consult the director of graduate studies in biology prior to beginning graduate work.

Students participating in a thesis-based master's degree program (MS biology or MS molecular biology/biotechnology) must complete a minimum of 30 s.h. of course work (15 s.h. must be at the 6000-7000 level), a research-based thesis, a

comprehensive defense of a thesis proposal, a seminar based on thesis research, a thesis defense and must show competence in teaching. The thesis option is intended for students interested in participating in scientific discovery and whose career path is best served by having thorough training and experience in the research process. Graduates of the thesis option commonly go on to join PhD programs, or enter research-based positions in universities, corporate organizations, or state or federal agencies. Up to 9 s.h. of graduate courses from other departments may be used to meet curriculum requirements upon approval by the department's Director of Graduate Studies. Up to 20 percent of required credit hours may be earned at another institution. See the director of graduate studies for acceptable transfer courses or consent to take courses off campus. The department attempts to offer courses on a one- or two-year rotation. However, because of changing interests of graduate students, it is unlikely that all the courses listed below will be offered in a two-year period.

Students selecting the non-thesis option for a master's degree program (MS Biology only) must complete a minimum of 38 s.h. of course work (19 s.h. must be at the 6000-7000 level), a final project consisting of a written scholarly review of a topic of interest in biology, an oral defense of the final project, and show competence in teaching by assisting in biology laboratory class instruction. Up to 12 s.h. of graduate courses from other departments may be used to meet curriculum requirements upon approval by the department's Director of Graduate Studies. The non-thesis option is designed for students who do desire to broaden their knowledge and understanding of the biological sciences, and aspire to careers in teaching, practice-based clinical professions, business, or other areas where individuals are not required to maintain an active research program. A student may switch between thesis and non-thesis tracks with the approval of their faculty advisor, and the Director of Graduate Studies.

For the PhD in interdisciplinary biological sciences, see www.ecu.edu/idpbs/.

Faculty

[Department of Biology Faculty](#)

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BIOLOGY, MS

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Thesis option requirements:

Students must complete a minimum of 30 s.h. of course work (15 s.h. must be at the 6000-7000 level), and a research-based thesis, comprehensive defense of a thesis proposal, seminar based on thesis research, thesis defense, and show competence in teaching. Up to 9 s.h. of graduate courses from other departments may be used to meet curriculum requirements upon approval by the department's Director of Graduate Studies.

1. Core - 15 s.h.

BIOL 6880 - Introduction to Research

BIOL 7000 - Thesis *

BIOL 7900 - Ecological Statistics or

BIOS 7021 - Biostatistics for Health Professionals I or

BIOS 7022 - Biostatistics for Health Professionals II

7 s.h. of electives

2. Concentration area - 15 s.h.

(Choose a minimum of 15 s.h. from one area.)

Cell biology:

BIOL 5450 - Histology
BIOL 5451 - Histology Laboratory
BIOL 5630 - Comparative Animal Physiology
BIOL 5631 - Comparative Animal Physiology Laboratory
BIOL 5870 - Molecular Biology of the Gene
BIOL 5890 - Virology
BIOL 5900 - Biotechniques
BIOL 5901 - Biotechniques Laboratory
BIOL 6030 - Topics in Cell Biology
BIOL 6082 - Fundamentals of Vertebrate Endocrinology
BIOL 6083 - Fundamentals of Vertebrate Endocrinology Laboratory
BIOL 6100 - Advances in Molecular Biology
BIOL 6120 - Advances in Molecular Biology
BIOL 6130 - Advances in Developmental Biology
BIOL 6200 - Mechanisms of Genetic Recombination
BIOL 6230 - Advanced Techniques in Molecular Biology
BIOL 6231 - Advanced Techniques in Molecular Biology Laboratory
BIOL 6240 - Principles of Biochemistry I
BIOL 6242 - Principles of Biochemistry II
BIOL 6244 - Principles of Biochemistry Laboratory
BIOL 6250 - Protein Purification Techniques
BIOL 6251 - Protein Purification Techniques Laboratory
BIOL 6300 - Neurophysiology
BIOL 6301 - Neurophysiology Laboratory
BIOL 6504 - Research Problems in Biology
[BIOL 6882 - Science Communication](#)
BIOL 6900 - Vertebrate Reproductive Biology
BIOL 7080 - Molecular Endocrinology
BIOL 7090 - Experimental Embryology
BIOL 7091 - Experimental Embryology Laboratory
BIOL 7130 - Current Literature in Development Biology
BIOL 7170 - Immunology I
BIOL 7180 - Cell Culture and Hybridoma Technology
BIOL 7181 - Cell Culture and Hybridoma Technology Laboratory
BIOL 7190 - Immunology II
BIOL 7210 - Transgenic Methodology and Application
BIOL 7211 - Transgenic Methodology and Application Laboratory
BIOL 7212 - Gene Targeting and Knockout Animals
BIOL 7213 - Gene Targeting and Knockout Animals Laboratory
BIOL 7240 - The Evolution of Genes and Genomes
BIOL 7345 - Cell Motility

~~BIOL 7370~~

BIOL 7480 - Cell Biology
BIOL 7481 - Cell Biology Laboratory
BIOL 7870 - Molecular Genetics
BIOL 7875 - Plant Molecular Biology
BIOL 7880 - Bioinformatics
BIOL 7781 - Bioinformatics
BIOL 7890 - Current Literature in Molecular Biology
BIOL 7895 - Current Literature in Cell Biology

Environmental and organismic biology:

BIOL 5070 - Ornithology
BIOL 5071 - Ornithology Laboratory
BIOL 5150 - Herpetology
BIOL 5151 - Herpetology Laboratory
BIOL 5220 - Limnology
BIOL 5221 - Limnology Laboratory
BIOL 5260 - Microbial Ecology
BIOL 5261 - Microbial Ecology Laboratory
BIOL 5270 - Marine Community Ecology
BIOL 5550 - Ichthyology
BIOL 5551 - Ichthyology Laboratory
BIOL 5600 - Fisheries Techniques
BIOL 5601 - Fisheries Techniques Laboratory
BIOL 5640 - Entomology
BIOL 5641 - Entomology Laboratory
BIOL 5680 - Current Topics in Coastal Biology
BIOL 5950 - Taxonomy of Vascular Plants
BIOL 5951 - Taxonomy of Vascular Plants Laboratory
BIOL 6040 - Animal Behavior
BIOL 6041 - Animal Behavior Laboratory
BIOL 6071 - Human Gross Anatomy
BIOL 6210 - Phylogenetic Theory
BIOL 6220 - Evolution: Topics for Advanced Students
BIOL 6514 - Research Problems in Biology
BIOL 6700 - Plant Physiological Ecology
BIOL 6800 - Population Ecology
BIOL 6820 - Systems Ecology
BIOL 6821 - Systems Ecology Laboratory
BIOL 6850 - Advances in Ecology
BIOL 6860 - Advances in Ecology
BIOL 6882 - Science Communication
BIOL 7010 - Estuarine Ecology
BIOL 7020 - Marine Biology
BIOL 7021 - Marine Biology Laboratory
BIOL 7200 - Invertebrate Biology
BIOL 7201 - Invertebrate Biology Laboratory
BIOL 7310 - Ecological Modeling and Simulation
BIOL 7350 - Current Literature in Fish Ecology
BIOL 7400 - Wetland Ecology and Management

BIOL 7401 - Wetland Ecology and Management Laboratory

BIOL 7360 - Fisheries Management

~~BIOL 7440~~

~~BIOL 7441~~

BIOL 7630 - Fish Physiology

BIOL 7920 - Conservation Biology

Note:

*BIOL 7000 may be repeated for registration status, but only 6 s.h. may count toward graduation.

Non-thesis option requirements.

Students must complete a minimum of 38 s.h. of course work (19 s.h. must be at the 6000-7000 level), a final project consisting of a written scholarly review a topic of interest in biology, an oral defense of the final project, and show competence in teaching. Up to 12 s.h. of graduate courses from other departments may be used to meet curriculum requirements upon approval by the department's Director of Graduate Studies.

1. Core - 5 s.h.

- BIOL 6880 - Introduction to Research
- A course (3 s.h.) in statistics (e.g. BIOL 7900, BIOS 7022, MATH 5039) , statistical inference (e.g. MATH 6802), or experimental design (e.g. MATH 5000, BIOS 7501) as approved by the faculty advisor and Director of Graduate Studies.

2. Electives – 33 s.h.

The non-thesis option electives will be tailored to the individual's interests, career goals, and educational background in consultation with the student's faculty advisor and the Director of Graduate Studies. A maximum of 5 s.h. of directed research courses (BIOL 6504, 6514) and /or internship (BIOL 6992, 6993) may be applied toward meeting the electives requirement.

3. Comprehensive Evaluation

- Each student will complete a written final project in collaboration with their faculty advisor and present an oral defense of their project in their third or fourth semester. The written project and its oral defense are used to evaluate the student's knowledge and understanding of their special area of interest, general principles of biology, and their communication skills.
- Each student will be required to assist in biology laboratory class instruction for 2 semesters as part of a demonstration of leadership qualities, communication skills, general knowledge and understanding of basic principles of biology, and pedagogical skills. Students will receive training in lab instruction by acting as an assistant to the lab instructor during their first semester, and serve as a lead lab instructor over a period of 7 weeks during their second semester. During this time they will be involved in a variety of aspects of biology lab

instruction to include presenting the learning goals of specific labs, explaining the methodology needed to carry out the lab exercise(s), providing descriptions and conducting discussions on the biological principles upon which the labs are based, assisting the class members in the execution of the labs, and providing evaluations of their performance. Oversight and evaluation of assistance in lab instruction and in-class teaching reviews will be carried out by lab supervisory staff and faculty.

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BIOL 6882 – Science Communication

3

P: Graduate standing in biology or consent of instructor. Examination and analysis of communicating scientific findings in written and oral formats.

XII. Thomas Harriot College of Arts and Sciences, Department of English

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English

- ENGL 5150 - Topics in the Novel
- ENGL 5170 - Modern Drama
- ENGL 5230 - Southern Regional Literature
- ENGL 5280 - Topics in Poetry
- ENGL 5330 - Studies in Women's Literature
- ENGL 5350 - Special Studies in Film
- ENGL 5780 - Advanced Writing for Business and Industry
- ~~ENGL 5840 - Advanced Poetry Writing~~
- ~~ENGL 5850 - Advanced Fiction Writing~~
- ~~ENGL 5860 - Advanced Nonfiction Writing~~
- ~~ENGL 5890 - Advanced Script Writing~~
- ENGL 6000 - Critical Writing in English Studies
- ENGL 6009 - Research Methods in Language Study
- ~~ENGL 6116 - Medieval English Literature~~
- ~~ENGL 6121 - Shakespeare and Renaissance Literature~~
- ~~ENGL 6131 - Milton and Seventeenth-Century Literature~~
- ENGL 6151 - ~~Eighteenth-Century~~ British Literature **Before 1800**
- ENGL 6155 - ~~Romantic~~ British Literature **After 1800**
- ~~ENGL 6175 - Victorian Literature~~
- ~~ENGL 6185 - Twentieth-Century British Literature~~
- ENGL 6195 - Topics in Drama
- ~~ENGL 6215 - American Literature to 1830~~

- ENGL 6220 - ~~The American Renaissance~~ Literature Before 1865
- ENGL 6250 - American ~~Realism~~ Literature After 1865
- ~~ENGL 6260 - Twentieth-Century American Literature~~
- ENGL 6270 - Literature and the Environment
- ENGL 6330 - Studies in Latino/a Literatures
- ENGL 6340 - Ethnic American Literature
- ENGL 6345 - Jewish Literature
- ENGL 6350 - Studies in Native American Literature
- ENGL 6360 - World Literature Written in English
- ENGL 6370 - Caribbean Literature
- ENGL 6375 - Middle Eastern Literature
- ENGL 6380 - Studies in African Literature
- ENGL 6390 - Advanced Studies of Science Fiction and Fantasy
- ENGL 6420 - Studies in Asian American Literature
- ENGL 6450 - Studies in World Indigenous Literatures
- ENGL 6460 - Studies in African American Literature
- ENGL 6505 - Linguistic and Cultural History of the English Language
- ENGL 6515 - Advanced Studies in Children's Literature
- ENGL 6526 - The Structure of English: Phonology and Morphology
- ENGL 6527 - The Structure of English: Syntax and Semantics
- ENGL 6528 - Teaching English as a Second Language: Theories and Principles
- ENGL 6529 - Applied Linguistics for ESL Teachers
- ENGL 6531 - TESL: Methods and Practicum
- ENGL 6625 - Teaching Composition: Theory and Practice
- ENGL 6700 - ~~Document Design~~ ~~Technical Editing~~ and Production
- ENGL 6702 - Research Methods in Technical and Professional Communication
- ENGL 6715 - Technical Writing
- ENGL 6721 - Copyediting in Professional Communication
- ENGL 6725 - Directed Readings in Technical and Professional Writing
- ENGL 6740 - Internship in Technical and Professional Communication
- ENGL 6741 - Internship in Technical and Professional Communication
- ENGL 6805 - Research: The Writer's Perspective
- ENGL 6840 - Advanced Poetry Writing
- ENGL 6850 - Advanced Fiction Writing
- ENGL 6868 - Advanced Nonfiction Writing
- ENGL 6870 - Literature: The Writer's Perspective
- ENGL 6880 - Directed Readings in Creative Writing
- ENGL 6898 - Advanced Script Writing
- ENGL 6940 - Film and English Studies
- ENGL 7000 - Thesis
- ENGL 7001 - Thesis: Summer Research
- ENGL 7005 - Bibliography and Methods
- ENGL 7070 - Literary Theory
- ENGL 7080 - Cultural Studies Theory and Method
- ENGL 7300 - Directed Reading in Multicultural and Transnational Literature
- ENGL 7350 - Seminar in Multicultural and Transnational Literature
- ENGL 7525 - Language and Society
- ENGL 7530 - Descriptive Linguistics
- ENGL 7535 - Principles of Language Testing
- ENGL 7600 - Research Methods in Rhetoric, Writing, and Professional Communication
- ENGL 7601 - Research Design in Rhetoric and Composition

- ENGL 7605 - Discourse Analysis
- ENGL 7615 - History and Theory of Rhetoric I
- ENGL 7620 - History and Theory of Rhetoric II
- ENGL 7630 - Cultural Rhetoric and Writing
- ENGL 7640 - Discourse for Special Interests
- ENGL 7666 - Teaching English in the Two-Year College Internship
- ENGL 7680 - Writing Systems of the World
- ~~ENGL 7701 — Research Methods in Technical and Professional Writing~~
- ENGL 7702 - Research Design in Technical and Professional Communication
- ENGL 7705 - Ethical Issues in Professional Communication
- ENGL 7710 - Professional Communication
- ENGL 7712 - Grant and Proposal Writing
- ENGL 7716 - Classics in Scientific and Technical Literature
- ENGL 7721 - Managing Editing and Publication Processes
- ENGL 7730 - Issues in Technical Communication
- ENGL 7745 - Teaching Professional Communication
- ENGL 7746 - Training in Professional Communication
- ENGL 7750 - Writing Public Science
- ENGL 7765 - Technical and Professional Communication
- ENGL 7766 - Special Studies Seminars in Communication and Emerging Technologies
- ENGL 7780 - Theory of Professional Communication
- ENGL 7785 - History of Professional Communication
- ENGL 7790 - Public Interest Writing
- ENGL 7950 - Issues in Teaching Composition
- ENGL 7960 - Methods of Teaching English in the Two-Year College
- ENGL 7975 - Developmental English in the Two-Year College
- ENGL 8100 - Directed Reading
- ENGL 8200 - Cooperative/Research Assignment
- ENGL 8300 - Seminar in Professional Development
- ENGL 8600 - Seminar in Writing Studies and Pedagogy
- ENGL 8615 - Seminar in Rhetorical Theory
- ENGL 8630 - Seminar in Community and Cultural Rhetorics
- ENGL 8780 - Seminar in Professional Communication

English

- ENGL 9000 - Dissertation
- ENGL 9001 - Dissertation: Summer Research

English, Special Studies Seminars

- ENGL 6065 - Topics in Literary Theory and Criticism
- ENGL 6865 - Creative Writing
- ENGL 7165 - English Literature
- ENGL 7265 - American Literature
- ENGL 7365 - Selected Topics in Multicultural and Transnational Literature
- ENGL 7465 - Folklore
- ENGL 7565 - Linguistics, Education, and ESL
- ENGL 7665 - Rhetoric and Composition
- ENGL 7765 - Technical and Professional Communication

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Course Descriptions

~~ENGL 6116 - Medieval English Literature~~

~~3~~

~~Middle English literature from 1100 to 1500, exclusive of Chaucer.~~

~~ENGL 6121 - Shakespeare and Renaissance Literature~~

~~3~~

~~Critical, historical, and bibliographical investigation of principal works of sixteenth century, two by Shakespeare. Some attention to forces shaping the age.~~

~~ENGL 6131 - Milton and Seventeenth-Century Literature~~

~~3~~

~~English nondramatic literature from 1600-1660. Emphasis on metaphysical tradition and Milton's poetry.~~

ENGL 6151 - ~~Eighteenth-Century British Literature~~ British Literature Before 1800

3

~~British nondramatic literature from 1660-1800.~~ May be repeated for a maximum of 9 s.h. with change of topic. Advanced study of authors, periods, subjects, and genres within, as well as approaches to, British literature before 1800.

ENGL 6155 - ~~Romantic Literature~~ British Literature After 1800

3

~~Major English Romantic writers and lesser known figures. Blake, Coleridge, Wm. Wordsworth, Keats, Byron, P. Shelley, Godwin, D. Wordsworth, M. Shelley, Wollstonecraft, and DeQuincey.~~ May be repeated for a maximum of 9 s.h. with change of topic. Advanced study of authors, periods, subjects, and genres within, as well as approaches to, British literature after 1800.

~~ENGL 6175 - Victorian Literature~~

~~3~~

~~Major structural genres. Relationship among important works and writers of Victorian literature, and ideas, art, and culture they helped to express and shape. Founded upon three indispensable major writers: Carlyle, Tennyson, and Wilde.~~

~~ENGL 6185 - Twentieth-Century British Literature~~

~~3~~

~~Development of British literature from 1900 to present.~~

~~ENGL 6215 - American Literature to 1830~~

3

~~Varieties of American literature from time of earliest European explorations and encounters to beginnings of US. Writings come from British, Spanish, Native American, African American, and other cultural traditions.~~

ENGL 6220 - ~~The American Renaissance~~ American Literature Before 1865

3

~~Major and minor writers include Poe, Emerson, Thoreau, Hawthorne, Melville, and such secondary figures as Margaret Fuller, Amos Bronson Alcott, and Christopher Cranch.~~ May be repeated for a maximum of 9 s.h. with change of topic. Advanced study of authors, periods, subjects, and genres within, as well as approaches to, American literature before 1865

ENGL 6250 - ~~American Realism~~ American Literature After 1865

3

~~Themes, problems, and works in American literature and culture from Civil War to World War I.~~ May be repeated for a maximum of 9 s.h. with change of topic. Advanced study of authors, periods, subjects, and genres within, as well as approaches to, American literature after 1865.

~~ENGL 6260—Twentieth-Century American Literature~~

3

~~Advanced study.~~

ENGL 6270 - Literature and the Environment

3

Literature in English examined in terms of the relationship between imagination, culture, and nature.

ENGL 6700 - ~~Technical Editing~~ Document Design and Production

3

Theory and abilities needed to function as editor, particularly a managing and production editor. Culminates in project demonstrating that knowledge. Editing as part of document production process.

ENGL ~~7701-6702~~ - Research Methods in Technical and Professional ~~Writing~~ Communication

3 Formerly ENGL ~~6701-7701~~

~~Applied research in library, observation and investigation, experimentation, and survey.~~ Investigation of research problems and research practices in technical and professional communication.

ENGL ~~5840~~ 6840 - Advanced Poetry Writing

3 Formerly ENGL 5840

Graduate students may repeat for a maximum of 9 s.h. ~~P: ENGL 3840 or consent of instructor.~~ ~~Advanced poetry writing practice.~~ Practice in poetry writing. Emphasis on publication.

ENGL ~~5850~~ 6850 - Advanced Fiction Writing

3 Formerly ENGL 5850

~~Graduate students~~ May be repeated for a maximum of 9 s.h. ~~P: ENGL 3850 or consent of instructor. Practice in prose fiction writing. Emphasis on publication.~~ Practice in prose writing. Emphasis on publication.

ENGL ~~5860~~ 6868 - Advanced Nonfiction Writing

3 Formerly ENGL 5860

~~Graduate students~~ May be repeated for a maximum of 9 s.h. ~~P: ENGL 3860 or consent of instructor.~~ Practice in nonfiction prose writing. Emphasis on publication.

ENGL ~~5890~~ 6898 - Advanced Script Writing

3 Formerly ENGL 5890

May be repeated for a maximum of 9 s.h. ~~P: ENGL 3830; consent of instructor.~~ Writing for theater and film. Completing a full length script for production. ~~Completion of one-act play or major portion of full-length play or screenplay.~~

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English, MA

A minimum of 33 s.h. of course work is required, with a final examination on the thesis or comprehensive assessment project; subject matter from course work may also be a part of the examination.

A research methods course, selected from - 3 s.h.

- ENGL 6009 - Research Methods in Language Study
- ENGL 6805 - Research: The Writer's Perspective
- ENGL 7005 - Bibliography and Methods
- ENGL 7601 - Research Design in Rhetoric and Composition
- ENGL ~~7704~~ 6702- Research Methods in Technical and Professional Communication

Area of concentration - 18 s.h.

(choose one of the following)

1. English studies:

An approved, unified program of study, including courses from at least two concentrations or areas of study for a total of 18 s.h. of coursework chosen from ENGL courses. ~~including at least 3 s.h. from each of three concentrations or areas of study, and an additional 9 s.h. of coursework chosen from ENGL courses.~~

2. Creative writing:

Maximum of 12 s.h. from

- ENGL ~~5840~~ - 6840 Advanced Poetry Writing
- ENGL ~~5850~~ - 6850 Advanced Fiction Writing
- ENGL ~~5860~~ - 6868 Advanced Nonfiction Writing
- ENGL ~~5890~~ - 6898 Advanced Script Writing

Minimum of 6 s.h. from

- ENGL 6865 - Creative Writing
- ENGL 6870 - Literature: The Writer's Perspective
- ENGL 6880 - Directed Readings in Creative Writing

3. Linguistics:

- ENGL 7530 - Descriptive Linguistics

15 s.h. from

- ENGL 6505 - Linguistic and Cultural History of the English Language
- ENGL 6526 - The Structure of English: Phonology and Morphology
- ENGL 6527 - The Structure of English: Syntax and Semantics
- ENGL 6528 - Teaching English as a Second Language: Theories and Principles
- ENGL 6529 - Applied Linguistics for ESL Teachers
- ENGL 6531 - TESL: Methods and Practicum
- ENGL 7525 - Language and Society
- ENGL 7535 - Principles of Language Testing
- ENGL 7565 - Linguistics, Education, and ESL
- ENGL 7605 - Discourse Analysis
- ENGL 7680 - Writing Systems of the World

4. Literature:

6 s.h. from

- ~~ENGL 6116 - Medieval English Literature~~
- ~~ENGL 6121 - Shakespeare and Renaissance Literature~~
- ENGL 6131 - Milton and Seventeenth-Century Literature
- ENGL 6151 - ~~Eighteenth-Century~~ British Literature Before 1800
- ENGL 6220 - American Literature Before 1865
- ~~ENGL 6215 - American Literature to 1830~~

6 s.h. from

- ENGL 5150 - Topics in the Novel
- ENGL 5170 - Modern Drama
- ENGL 5230 - Southern Regional Literature
- ENGL 5280 - Topics in Poetry
- ENGL 6155 - ~~Romantic~~ British Literature After 1800
- ~~ENGL 6175 - Victorian Literature~~
- ~~ENGL 6185 - Twentieth-Century British Literature~~
- ENGL 6195 - Topics in Drama
- ENGL 6220 - ~~The~~ American ~~Renaissance~~ Literature Before 1865
- ENGL 6250 - American ~~Realism~~ Literature After 1865
- ENGL 6270 - Literature and the Environment
- ~~ENGL 6260 - Twentieth-Century American Literature~~
- ENGL 6330 - Studies in Latino/a Literatures
- ENGL 6350 - Studies in Native American Literature
- ENGL 6390 - Advanced Studies of Science Fiction and Fantasy

6 s.h. from either of the previous two groups or from

- ENGL 5330 - Studies in Women's Literature
- ENGL 6065 - Topics in Literary Theory and Criticism
- ENGL 6340 - Ethnic American Literature
- ENGL 6360 - World Literature Written in English
- ENGL 6370 - Caribbean Literature
- ENGL 6380 - Studies in African Literature
- ENGL 6450 - Studies in World Indigenous Literatures
- ENGL 6515 - Advanced Studies in Children's Literature
- ENGL 6870 - Literature: The Writer's Perspective
- ENGL 7070 - Literary Theory
- ENGL 7165 - English Literature
- ENGL 7265 - American Literature

- ENGL 7365 - Selected Topics in Multicultural and Transnational Literature

5. Multicultural and transnational literatures:

18 s.h. from

- ENGL 6330 - Studies in Latino/a Literatures
- ENGL 6340 - Ethnic American Literature
- ENGL 6345 - Jewish Literature
- ENGL 6350 - Studies in Native American Literature
- ENGL 6360 - World Literature Written in English
- ENGL 6370 - Caribbean Literature
- ENGL 6375 - Middle Eastern Literature
- ENGL 6380 - Studies in African Literature
- ENGL 6420 - Studies in Asian American Literature
- ENGL 6450 - Studies in World Indigenous Literatures
- ENGL 6460 - Studies in African American Literature
- ENGL 7070 - Literary Theory
- ENGL 7080 - Cultural Studies Theory and Method
- ENGL 7300 - Directed Reading in Multicultural and Transnational Literature
- ENGL 7350 - Seminar in Multicultural and Transnational Literature
- ENGL 7365 - Selected Topics in Multicultural and Transnational Literature
- ENGL 7465 - Folklore

6. Rhetoric and composition:

- ENGL 6625 - Teaching Composition: Theory and Practice
- ENGL 7615 - History and Theory of Rhetoric I or [ENGL 7620 - History and Theory of Rhetoric II](#)
- ENGL 7630 - Cultural Rhetoric and Writing

6 s.h. from

- ENGL 6000 - Critical Writing in English Studies
- ENGL 7665 - Rhetoric and Composition
- ENGL 7950 - Issues in Teaching Composition
- ENGL 7960 - Methods of Teaching English in the Two-Year College
- ENGL 7975 - Developmental English in the Two-Year College

3 s.h. from linguistics, TESOL, or technical and professional communication concentration.

7. Teaching English to speakers of other languages (TESOL):

- ENGL 6528 - Teaching English as a Second Language: Theories and Principles
- ENGL 6531 - TESL: Methods and Practicum
- ENGL 7530 - Descriptive Linguistics

9 s.h. from

- ENGL 6505 - Linguistic and Cultural History of the English Language
- ENGL 6526 - The Structure of English: Phonology and Morphology
- ENGL 6527 - The Structure of English: Syntax and Semantics
- ENGL 6529 - Applied Linguistics for ESL Teachers
- ENGL 7525 - Language and Society
- ENGL 7535 - Principles of Language Testing
- ENGL 7565 - Linguistics, Education, and ESL
- ENGL 7605 - Discourse Analysis
- ENGL 7680 - Writing Systems of the World

8. Technical and professional communication:

- ENGL 7702 - Research Design in Technical and Professional Communication

15 s.h. from

- ENGL 6700 - ~~Technical Editing~~ Document Design and Production
- ENGL 6702 - Research Methods in Technical and Professional Communication
- ENGL 6715 - Technical Writing
- ENGL 6721 - Copyediting in Professional Communication
- ENGL 6725 - Directed Readings in Technical and Professional Writing
- ENGL 6740 - Internship in Technical and Professional Communication
- ENGL 6741 - Internship in Technical and Professional Communication
- ~~ENGL 7701 - Research Methods in Technical and Professional Writing~~
- ENGL 7705 - Ethical Issues in Professional Communication
- ENGL 7710 - Professional Communication
- ENGL 7712 - Grant and Proposal Writing
- ENGL 7716 - Classics in Scientific and Technical Literature
- ENGL 7721 - Managing Editing and Publication Processes
- ENGL 7730 - Issues in Technical Communication
- ENGL 7745 - Teaching Professional Communication
- ENGL 7746 - Training in Professional Communication
- ENGL 7750 - Writing Public Science
- ENGL 7765 - Technical and Professional Communication
- ENGL 7766 - Special Studies Seminars in Communication and Emerging Technologies
- ENGL 7780 - Theory of Professional Communication
- ENGL 7785 - History of Professional Communication

- ENGL 7790 - Public Interest Writing

English electives or courses from another department - 6 s.h.

Additional Requirements:

- A thesis, demonstrating the student's ability to gather, arrange, and interpret material which bears on a particular problem - 6 s.h. or
- A comprehensive assessment project and additional coursework in English - 6 s.h.

http://catalog.ecu.edu/preview_program.php?catoid=3&poid=917&returnto=151

Teaching English in the Two-Year College Certificate

←Return to: [Degrees, Minors, and Certificates listed Alphabetically](#)

The graduate certificate in TETYC is designed for qualified candidates who wish to further their education in the field of teaching English at the community or two-year college.

Applicants seeking admission to this program must hold a BA, BS, or an equivalent degree from an accredited college or university in the US or overseas. Nonnative speakers of English will be required to submit a qualifying score on the Test of English as a Foreign Language (TOEFL), the International English Language Testing System (IELTS), or the Pearson Test of English (PTE) unless they have a degree from an accredited college or university in the US. Students interested in pursuing the certificate can enroll as non-degree seeking students or pursue the certificate concurrently while enrolled in an ECU graduate program. Admission is based on completion of the ECU certificate application and approval by the program coordinator.

The certificate program requires 12 s.h. of graduate-level course work, including

- ~~ENGL 7666 - Teaching English in the Two-Year College Internship~~
- ENGL 7960 - Methods of Teaching English in the Two-Year College
- ENGL 7975 - Developmental English in the Two-Year College (~~required~~)

3 6 s.h. to be selected from

- ENGL 6528 - Teaching English as a Second Language: Theories and Principles
- ENGL 6625 - Teaching Composition: Theory and Practice
- ENGL 7630 - Cultural Rhetoric and Writing
- ENGL 7666 - Teaching English in the Two-Year College Internship
- ENGL 7745 - Teaching Professional Communication
- ENGL 7950 - Issues in Teaching Composition

Note:

Other courses may be substituted with approval from the Director of Graduate Studies.