

The Graduate Curriculum Committee (GCC)
Meeting Minutes
Wednesday, March 6, 2013

Regular Members Present:

Jim Decker (Chair)
Bob Thompson (Vice Chair)
Carol Brown
Amy Carr-Richardson
Hamid Fonooni
Will Forsythe
Rich Franklin
Linda Mayne
Ravi Paul

Regular Members Excused:

None

Ex-Officio Members Present:

Meaghan Johnson and Linner Griffin

Ex-Officio Members Excused:

None

Academic Program Planning and Development:

Kimberly Nicholson

Guests:

College of Allied Health Sciences: Mary Crozier, Anne Dickerson, Denise Donica, Leonard Trujillo and Mark Stebnicki
College of Business: Shanan Gibson and Paul Schwager
College of Health and Human Performance: Tim Kelley and Anthony Kulas
College of Human Ecology: Margaret Arnd-Caddigan
Thomas Harriot College of Arts and Sciences: Bob Bungler and Sylvie Henning

Actions of Committee:

I. Call to Order

1. Report on Graduate Council (GC) Actions

The 02-06-13 GCC minutes were approved, to include the proposed 5000-level courses standard operating procedure.

2. The 02-20-13 GCC minutes will be distributed for an electronic vote then forwarded to the Graduate Council for agenda placement

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

Proposal of New Courses: EHST 6520, 6530

Courses approved as amended (5 abstained; 5 approved as amended)

- (1.) Tijjani Mohammed and Mike Behm were present to speak in opposition to these courses; concerns regarding the branding of environmental health and safety” and use of this phrase in the proposed courses
- (2.) Hamid Fonooni distributed an objections document to all present and circulated exhibits; all additional documents were posted to the revised 03-06-13 GCC agenda
- (3.) Motion moved and approved to include a separate memorandum regarding this discussion, and the GCC concerns, which will be drafted by Linda Mayne with input from the committee members
- (4.) Revise affected degrees or academic programs, other than your own (EHST 6520, 6530)
- (5.) Revise course objectives (EHST 6530)
- (6.) Kimberly Nicholson will remove track changes from the marked catalog copy document and repost

Revision of Existing Degree: MS in Environmental Health

Approved

Deletion of Existing Courses: EHST 5510, 5520, 5530, 5540

Approved

III. College of Allied Health Sciences, Department of Occupational Therapy

Revision of Existing Courses: OCCT 6001, 6002

Approved as amended

- (1.) Revise course prefix and number
- (2.) Revise justification
- (3.) Revise course credit
- (4.) Revise changes in degree hours of your programs
- (5.) Revise textbooks
- (6.) Revise course topic outline
- (7.) Revise grading scale

Revision of Existing Degree: Master of Science in Occupational Therapy

Approved as amended

- (1.) Replace “Minimum degree requirement is 68 s.h. for project-based students and 71 s.h. for thesis students.” with “Minimum degree requirement is 69 s.h. for project-based students and 72 s.h. for thesis students.”
- (2.) Replace “Thesis: - 6-9 s.h.” with “Thesis: – 6-12 s.h.”
- (3.) Underline all blue text

Deletion of Existing Accelerated Program: Professional master’s Degree Path in Occupational Therapy

Approved as amended

IV. College of Allied Health Sciences, Department of Addictions and Rehabilitation Studies

Proposal of New Certificate: Certificate in Military and Trauma Counseling

Approved as amended

- (1.) In #2 replace “non-degree student” with “certificate student” and remove (b)
- (2.) In #3 include the (s.h.) for each course
- (3.) In #10 replace “two faculty” with “three faculty” and replace “core course work” with “required course work”
- (4.) In #14 replace “core course work” with “required course work”
- (5.) Although not required in this resubmission, the unit was encouraged to correct formatting issues as this proposal moves forward in the approval process (such as when submitting to the Educational Policies and Planning Committee)
- (6.) Remove reference to Dr. Mark Stebnicki from marked catalog copy text

V. Thomas Harriot College of Arts and Sciences, Department of Anthropology

Proposal of New Course: ANTH 6005

Approved as amended

- (1.) Revise course description
- (2.) Revise affected degrees or academic programs, other than your own
- (3.) Revise overlapping or duplication with affected units or programs
- (4.) Revise textbooks
- (5.) Revise course objectives; it was noted by Dr. Sylvie Henning that the course objectives for existing cross-listed course INTL 6005 would not be published in a proposal form due to the age of the course and different submission procedures of that time; it was confirmed that revision of the course objectives is acceptable to both units
- (6.) Revise marked catalog copy

VI. College of Business

Proposal of New Course: MIS 6713

Approved as amended

- (1.) Identify as required
- (2.) Revise textbooks
- (3.) Revise course objectives

Revision of Existing Courses: FINA 6874; MIS 6923; MKTG 6652; OMGT 6943

Approved as amended

- (1.) Revise course prefix and number (MKTG 6652)
- (2.) Identify as elective (FINA 6874; MIS 6923; MKTG 6652; OMGT 6943)
- (3.) Revise justification (FINA 6874; MIS 6923; MKTG 6652; OMGT 6943)
- (4.) Revise textbooks (FINA 6874; MIS 6923; MKTG 6652; OMGT 6943)
- (5.) Unit may keep the submitted course objectives or revise; unit chose to keep as submitted (MIS 6923)
- (6.) Revise objectives (MKTG 6652)
- (7.) Revise assignments and grading (OMGT 6943)

Prerequisite Revision of Existing Courses: FINA 6914; MIS 6843, 6853, 6863, 6873, 6883

Approved as amended

Revision of Mission Text: College of Business

Approved

Revision of Existing Degrees: Master of Business Administration (MBA), MD/MBA, MSA

Approved

Revision of Existing Certificate Program: Finance

Approved

Deletion of Existing Certificate Programs: Electronic Commerce, Professional Investment Management and Operations, School Business Management

Approved

Revision of Program Text: Certificate Programs

Approved

VII. College of Human Ecology, School of Social Work

Revision of Existing Courses: SOCW 5001, 5900, 5910, 6110, 6111, 6702, 6711, 6940

Approved as amended

- (1.) Revise memorandum of request to include a statement that the faculty voted
- (2.) It was noted that SOCW 5001, 5900, 5910 are for graduate students only and will not be populated by undergraduate students
- (3.) Identify as required (SOCW 5001, 5900, 5910, 6110, 6111, 6702, 6711, 6940)
- (4.) Revise justification (SOCW 5001, 5900, 5910, 6110, 6111, 6702, 6711, 6940)
- (5.) Revise course credit (SOCW 5001, 5900, 5910, 6110, 6111, 6711, 6940)
- (6.) Revise changes in degree hours of your programs (SOCW 5001, 5900, 5910, 6110, 6111, 6702, 6711, 6940)
- (7.) Revise affected degrees or academic programs, other than your programs (SOCW 5001, 5900, 5910, 6110, 6111, 6702, 6711, 6940)
- (8.) Revise course objectives (SOCW 5001, 5900, 5910, 6110, 6111, 6702, 6711, 6940)
- (9.) Revise grading scale (SOCW 5900, 5910, 6110, 6111, 6702, 6711, 6940)

VIII. Old Business

Discussion took place regarding the 02-20-13 GCC minutes, with emphasis on the thesis/dissertation piece. All of the curricular revisions have been received for this set of minutes. The thesis/dissertation section is being finalized and then the minutes will be ready to be distributed for the electronic vote.

Dr. Griffin shared that a policy was passed by the Graduate School, under the leadership of Dean Pellicane, in response to the suggested policy received from the The University of North Carolina General Administration discussed at the 02-20-13 GCC meeting. In 2008 the graduate catalog was updated to reflect (3-12 s.h.) for all dissertation courses and (1-9 s.h.) for all theses courses.

It was noted that it was hoped that Dean Gemperline would send a memorandum to the Coastal Resources Management program addressing the issue that students cannot take only 1 s.h. of dissertation. CRM 9000 somehow made it through the approval process as (1-9 s.h.).

IX. New Business

None

Marked Catalog Copy:

II. College of Health and Human Performance

Department of Health Education and Promotion

<http://www.ecu.edu/cs-acad/grcat/programHLTH.cfm>

MS in Environmental Health (MSEH)

The master of science in environmental health requires completion of a minimum of 34 s.h. A student having no prior environmental health experience must take EHST 6010 (3 s.h.) and EHST 6980 (3 s.h.) in addition to the 34 s.h. minimum. All students must pass a written, comprehensive examination.

Environmental health offers two degree paths:

Research Option: Students must complete a thesis and also must take at least 4 s.h. of approved laboratory credit. A student may not count more than 15 s.h. from 5000-level courses or take more than 15 s.h. through online courses.

Applied Option: This option is intended only for Registered Sanitarians and Registered Environmental Health Specialists. Permission to choose this option must be obtained from the environmental health sciences program faculty. Students must complete a professional paper and may not count more than 15 s.h. from 5000 level courses.

1. Research Option Courses - 13 s.h.

HLTH/MPH 6011. Introduction to Epidemiology (3) or BIOS 5010. Epidemiology for Health Professionals (3)

BIOS 7021. Biostatistics for Health Professionals I (3)

EHST 5001. Seminar in Environmental Health (1)

MPH 6020. Research Methods (3)

EHST 7000. Thesis (3)

All students write and orally defend a thesis. The thesis proposal and thesis must be approved by the student's advisor and a committee comprised of at least 3 graduate faculty members, 2 of whom must be environmental health sciences faculty, and 1 reviewer from outside the department.

Applied Option Courses - 13 s.h.

HLTH/MPH 6011. Introduction to Epidemiology (3) or BIOS 5010. Epidemiology for Health Professionals (3)

BIOS 7021. Biostatistics for Health Professionals I (3)

EHST 5001. Seminar in Environmental Health (1)

EHST 6800. Environmental Health Program Management (3)

EHST 6990. Environmental Health Professional Paper (3)

All students write and orally defend a professional paper that reflects an applied learning experience leading to an environmental health action, intervention, or increased knowledge in the field. Paper may take many forms but summarizes a project selected by student and defended before student's committee comprised of at least 3 faculty members, 2 of whom must be environmental health sciences faculty, and 1 reviewer from outside the program.

2. Additional Environmental Health/Related Courses - at least 21 s.h.

Course selection in consultation with the student's advisor.

EHST 5010, 5011. Principles of Toxicology and Laboratory (3, 1)

EHST 5020. Environmental Toxicology (3)

EHST 5164. Radiological Health Field Operations (1)

EHST 5165. Advanced Radiological Health Physics Laboratory (ORAU) (1)

~~EHST 5510. Physical Safety (2)~~

~~EHST 5520. Biological Safety (2)~~

~~EHST 5530. Chemical Safety (2)~~

~~EHST 5540. Radiation Safety (2)~~

EHST 5800, 5801. Solid and Hazardous Waste and Laboratory (3,0)

EHST 6100. Elements of Environmental Engineering (3)

EHST 6201, 6202, 6203. Individual Studies (1,2,3)

EHST 6210, 6220, 6230. Topics in Environmental Health and Safety (1, 2,3)

EHST 6300, 6301. Public Health Pests and Vector Borne Disease and Laboratory (3,1)

EHST 6400. Technical Advances in Water Supply and Waste Water Treatment (3)

EHST 6420. Sanitary Microbiology and Safety of Foods (3)

EHST 6520. Biological and Chemical Environmental Health and Safety (3)

EHST 6530. Physical and Radiation Environmental Health and Safety (3)

EHST 6600. Air Quality Control Methods (3)

EHST 6700, 6701. Industrial Hygiene Application and Laboratory (3,1)

EHST 6710. Ventilation and Indoor Air Quality and Laboratory (3,0)

EHST 6800. Environmental Health Program Management (3)

GEOL 5710, 5711. Ground Water Hydrology (3,0)

PLAN 6301. GIS and CAD applications for Planning (3)

Certificate in Security Studies

The department participates in the offering of a graduate certificate in security studies. See College of Arts and Sciences, Department of Political Science, for certificate requirements.

<http://www.ecu.edu/cs-acad/grcat/coursesATEP.cfm>

EHST: Environmental Health

5001. Seminar in Environmental Health (1)

Student, staff, and guest speakers on current research.

5010, 5011. Principles of Toxicology and Laboratory (3,1)

For EHST majors but other majors accepted. P: Senior or graduate standing; 8 s.h. of general chemistry; 6 s.h. of biology, including BIOL 2130; or consent of instructor. Basics of toxicology such as physiological response and environmental sources as well as specifics of major toxins.

5020. Environmental Toxicology (3)

P: EHST 5010, 5011; or consent of instructor. Effect of anthropogenic and naturally occurring toxins on environment. Toxin sources, distribution, and bioaccumulation. Covers pesticides, metals, solvents, radioactive isotopes, food additives, air pollutants, and natural plant/animal toxins.

5164. Radiological Health Field Operation (1)

- P: Consent of instructor. Field observation of radiological health physics, practices at nuclear fuel cycle facilities, and government nuclear facilities.
5165. Advanced Radiological Laboratory (1)
P: Consent of instructor. Intensive radiological lab training at Oak Ridge Associated Universities. Tour of research facilities.
- ~~5510. Physical Safety (2)
Practical application of physical safety principles in living and work environments.~~
- ~~5520. Biological Safety (3) Formerly EHST 6120
Practical application of biological safety principles in living and work environments.~~
- ~~5530. Chemical Safety (2)
Practical application of chemical safety principles in living and work environments.~~
- ~~5540. Radiation Safety (2)
Practical application of radiation safety principles in living and work environments.~~
- 5800, 5801. Solid and Hazardous Waste Management and Laboratory (3,0)
2 lecture and 2 lab hours per week. P: CHEM 1160, 1161; or consent of instructor. Problems associated with collection, treatment, and disposal of municipal solid waste and hazardous wastes in the United States.
6010. Fundamentals of Environmental Health (3)
Effects of environment on human health. Focuses on rural environment. Considers water supply and wastewater disposal, water quality, solid and hazardous wastes, air quality, occupational health and safety, food protection, and vector control.
6100. Elements in Environmental Engineering (3)
Practical application of engineering principles to environmental health.
- 6201, 6202, 6203. Individual Studies (1,2,3)
May be repeated for maximum of 3 s.h. P: Declared EHST major; consent of major professor. Advanced knowledge in selected areas of environmental health.
- 6210, 6220, 6230. Topics in Environmental Health and Safety (1,2,3) Formerly EHST 6200
May be repeated with change of topic. Seminar. Selected environmental health and safety problems considering current studies and efforts at solutions.
6300. Public Health Pests and Vector Borne Disease (3)
Identification, management, and ecology of arthropods and other disease vectors, and characteristics and epidemiology of diseases they carry.
6301. Public Health Pests and Vector Borne Disease Laboratory (1)
Concentration on mosquitoes and ticks in North Carolina, testing for West Nile Virus, and application of 3-D imaging techniques.
6400. Technical Advances in Water Supply and Waste Treatment (3)
State-of-the-art advances in water and waste water treatment. Examines best practical available technology for coping with special water supply and waste disposal problems. Demonstrates principles upon which real life systems function.
6420. Sanitary Microbiology and Safety of Foods (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.
- [6520. Biological and Chemical Environmental Health and Safety \(3\)
Comprehensive coverage of principles and applications of biological and chemical environmental health and safety in living and work environments, including industrial and agricultural settings.](#)
- [6530. Physical and Radiation Environmental Health and Safety \(3\)
Comprehensive coverage of principles and applications of physical environmental health and safety \(including radiation\) in living and work environments.](#)
6600. Air Quality Control Methods and Devices (3)

Theory, use, evaluation, advantages, and limitations of procedures and methods employed in air quality control.

6700. Industrial Hygiene Application (3)

Principles of evaluating and controlling work environment. Emphasis on resolving occupational health problems.

6701. Industrial Hygiene Application Laboratory (1)

C: EHST 6700. Methods of measurement and evaluation used by industrial hygienists.

6710, 6711. Ventilation and Indoor Air Quality and Laboratory (3,0)

2 lecture and 2 lab hours per week. P: Consent of instructor. Principles and basic design of ventilation systems for hazardous materials and fundamentals of indoor air quality (IAQ).

6800. Environmental Health Program Management (3)

Knowledge and practice in planning, developing, and managing environmental health programs. Applies current management practices toward solutions of environmental health problems.

6980. Environmental Health Practicum (3)

Directed work experience in clinical/environmental health agency.

6990. Environmental Health Professional Paper (3)

May be repeated. May count a maximum of 3 s.h. toward degree. P: Admission to the applied option of the master of science in environmental health. Detailed summary of applied learning experience to environmental health action, intervention, or increased knowledge in the field.

7000. Thesis (1-6)

May be repeated. May count maximum of 6 s.h.

7001. Thesis: Summer Research (1)

May be repeated. No credit may count toward degree. Students conducting thesis research may only register for this course during the summer.

EHST Banked Courses

III. College of Allied Health Sciences

Department of Occupational Therapy

<http://www.ecu.edu/cs-acad/grcat/programOCCT.cfm>

College of Allied Health Sciences

Department of Occupational Therapy

Leonard Trujillo, Chair, 3305E Health Sciences Building

Master of Science in Occupational Therapy

The occupational therapy program offers the professional (entry-level) master's degree and offers preparation for certification for individuals with baccalaureate degrees in fields other than occupational therapy. Students who complete this program are eligible to sit

for the national certification exam with National Board of Certification for Occupational Therapy.

Admission

Application for admission to the graduate program in occupational therapy must be initiated through the Graduate School. (See Section 2, Admission and Readmission.) The department requires that the applicant meet the following minimum admission requirements: a minimum cumulative GPA of 3.0 on a 4.0 scale, satisfactory Graduate Record Examinations, and acceptable TOEFL or TSL score for non-English foreign students. At the time of application, the applicant must submit two letters of reference, a resume, and a completed statement as specified in the Graduate School application.

For the professional (entry-level) master's degree ~~path~~, the applicant must present evidence that the required prerequisite course work will be completed and an undergraduate degree (other than occupational therapy) conferred before the start of the program in the fall. Required undergraduate prerequisite courses include anatomy, physiology, statistics, developmental psychology or other course with emphasis on human development across the lifespan, abnormal psychology, introduction to anthropology or sociology, an introduction to occupational therapy course, and a reasoning course such as logic, ethics, or research inquiry in social sciences. Students must demonstrate a proficiency in medical terminology or take a course in medical terminology.

~~Minimum degree requirement is 70 s.h. for the professional (entry-level) program.~~
Minimum degree requirement is 69 s.h. for project-based students and 72 s.h. for thesis students.

Professional (entry level) Courses:

OCCT 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6080, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, ~~6701~~

OCCT 6400 must be repeated once for a total of 2 s.h. OCCT 6450 must be repeated once for a minimum of 12 s.h.

Research options (Choose one.) - 3-9 s.h.

Master's project: - 3-6 s.h.

OCCT 6660

Thesis: - 6-~~9~~ 12 s.h.

BIOS 7021 or OCCT 7100 - 3 s.h.

OCCT 7000 - 6-9 s.h.

Successful completion of a professional presentation in a public venue of the ~~thesis~~ master's project or master's thesis serves as a comprehensive examination.

Standard grading policies will follow Graduate School guidelines. Verification by the department chair of the completion of the professional (entry-level) master's degree requirements is necessary to meet occupational therapy practice licensure statutes of the North Carolina Board of Occupational Therapy. Verification by the registrar for completion of the professional (entry-level) master's program is required to take the national certification examination.

Accreditation

The occupational therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. ACOTE's telephone number c/o AOTA is 301-652-2682. Graduates of this

program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT) located at ~~800 S. Frederick Ave., Suite 2000,~~ [12 South Summit Avenue, Suite 100](#) Gaithersburg, MD 20877, 301-990-7979. After successful completion of this exam, the individual will be an occupational therapist, registered (OTR). In addition, most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT certification examination. However, a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

~~**Accelerated Program in the Professional Master's Degree Path in Occupational Therapy**~~

~~The accelerated program provides a means by which highly qualified undergraduate students at East Carolina University enroll in the undergraduate program of Health Services Management with the intention of preparing for a professional master's (entry-level) degree path in Occupational Therapy. The student in this program does not obtain an undergraduate degree, but completes a master's degree in five years by completing a total of 162 credit hours including all foundations curriculum courses and core requirements of the undergraduate degree and graduate degree programs.~~

~~**Admission**~~

~~Students must maintain an accumulated grade point average (GPA) of 3.2/4.0 at East Carolina University in the undergraduate program. Students should apply to the graduate school in their junior year or after completing at least seventy-five (75) credit hours, including credits earned from advanced placement. Completion of the course requirements does not guarantee an admission to the Graduate School. Students who do not complete the occupational therapy program, must complete all required courses to obtain an undergraduate degree in Health Services Management.~~

~~**Degree Requirements**~~

~~Required courses include: foundations curriculum courses, BIOL 2140, 2141, 2150, 2151; BIOS 1500; CHEM 1120; ECON 2113; HIMA 3000, 3120, 4030; HSMA 3020, 3025, 3030, 3035, 4010, 4050, 4055; OCCT 3000, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6080, 6100, 6150, 6200, 6250, 6500, 6600, 6300, 6350, 6400, 6450, 6455, 6550, 6650; 6701; 6660 or BIOS 7022; OCCT 7000; PHIL 1110, 1175, 1180, 1500, or 2275; PSYC 1000, 3206, 4375; SOCI 2110.~~

Certificate in Assistive Technology

The certificate in assistive technology will equip students with specific skills and knowledge in assistive technology. The overall objective of the program is to prepare educational and/or health care professionals in the knowledge and skills needed to utilize assistive technology for the enhancement of a student and/or client's functional performance. Specifically, candidates who successfully complete the certification will have a broad-based knowledge of assistive technology, the ability to assess assistive technology needs with clients/students and plan implementation based upon that assessment, the ability to work with a collaborative team to implement assistive technology, and the knowledge and skills to effectively manage resources for procurement of assistive technology.

Applicants seeking admission must be graduate students or education or health care professionals working in their respective fields. Professionals can enroll as non-degree seeking students. Admission is based on completion of the certificate application and approval by the program coordinator.

The certificate program requires 12 s.h. of graduate-level course work in assistive technology, emphasizing practical application and collaborative team work. Required courses include SPED/OCCT 6701, 6702, 6703, and an elective.

<http://www.ecu.edu/cs-acad/grcat/coursesOCCT.cfm>

OCCT: Occupational Therapy

6000. Foundations of Occupational Therapy (4)

P: OCCT 3000 or introductory OCCT course approved by chair. Foundations and models of practice of OT. Dimensions and characteristics of human occupation and their relationship to models of practice. Analysis of occupation, including real and symbolic aspects meaningful for individuals and populations.

~~**6001, 6002. Occupation and Movement (3,1)**~~

~~2 classroom and 3 lab hours per week. P: ANAT and PHLX courses approved by chair. P/C: OCCT 6000. Musculoskeletal system as related to human occupation. Mobility, stability, posture, biomechanics, development of movement, relationship between kinesiological components, and gradation of activities.~~

6001, 6002. Occupation and Movement (4,1) 4 classroom and 3 lab hours per week.

P/C: OCCT 6000. Musculoskeletal system as related to human occupation. Mobility, stability, posture, biomechanics, development of movement, relationship between kinesiological components, and gradation of activities.

6003, 6004. Dyadic and Group Skills in Occupational Therapy (3,1)

3 classroom and 3 lab hours per week. P: OCCT 3000; P/C: OCCT 6000. Applies systems theory, communication, and techniques to dyadic and group processes relevant to OT. Relationships and roles of OT practice with individuals across life span.

6005, 6006. Health Impairments and Occupational Therapy I (3,1)

3 classroom and 3 lab hours per week. P: OCCT 3000. P/C: OCCT 6000, 6001, 6002. Etiology of impairments and models of ablement/disablement. Identification of consequences of diseases, injuries or disorders and impact of these on human occupation. Applies appropriate OT frames of reference and remedial techniques.

6007, 6008. Health Impairments and Occupational Therapy II (3,1)

3 classroom and 3 lab hours per week. P: OCCT 6001, 6002, 6005, 6006. Continuation of OCCT 6005, 6006.

6009. Neurological Foundations of Occupational Therapy (3)

P: OCCT 6000; ANAT and PHLX courses approved by chair. Occupational performance as affected by human nervous system. Structures and functions of human nervous system and relationship of occupation to brain function.

6020. Theoretical Models of Practice in Occupational Therapy (3)

P: Enrollment in OCCT or consent of chair. Advanced examination and conceptualization of OT theories within models of practice, including consultation. Analysis and comparison of theories applied to areas of specialty in service delivery systems.

6060. Directed Independent Study (3)

Requires approval by occupational therapy advisor and/or graduate committee. May be

repeated more than once with change of topic. Individualized, advanced, or in-depth study of topic not offered in OT curriculum.

6070. Special Topics (3)

May be repeated more than once with change of topic. Topics of current importance not covered thoroughly in other courses.

6080. Environmental Contexts and Systems of Occupational Therapy (3)

P: OCCT 6000, 6003, 6004; or consent of chair. Systems analysis of societal, cultural, physical, and temporal environments. Evaluates use of environment and technology to enhance occupational function.

6100, 6150. Therapeutic Use of Human Occupation I (4,1)

4 classroom and 3 lab hours per week. P: OCCT 6000, 6001, 6002, 6003, 6004, 6009; P/C: OCCT 6005, 6006, 6007, 6080. First in three course sequence. Reflects a variety of system-practice contexts such as medical, educational, and natural environments. Occupational therapy roles, responsibilities, and interventions in the different settings will be examined.

6200, 6250. Therapeutic Use of Human Occupation II (4,1)

4 classroom and 4 lab hours per week. P: OCCT 6100, 6150; P/C 6008. Extension of OCCT 6100, 6150. Case studies reflect complex health care systems, reimbursement issues, and professional support environments.

6300, 6350. Therapeutic Use of Human Occupation III (4,1)

3 classroom and 3 lab hours per week. P: OCCT 6200, 6250; C: OCCT 6400. Extension of OCCT 6200, 6250. Case studies reflect community based practice, require coordination of systems, and development of innovative OT services.

6400. Fieldwork I (1)

Must be repeated once. P: OCCT 6000. Role of occupational therapist in a variety of nontraditional or emerging practice settings and service delivery systems. Continued development of OT theory, evaluation, and treatment planning skills. Exploration and development of creative applications of therapeutic occupation.

6450. Fieldwork II (6)

Must be repeated once. May count for a maximum of 18 s.h. 12-week, full-time clinical practice. P: OCCT 6080, 6300, 6350, 6400, 6500. Practice and master skills necessary to function as competent, entry-level occupational therapist.

6500, 6550. Managing Occupational Therapy Services (3,1)

P: OCCT 6080. Leadership theory and roles in OT. Focus on supervision issues, planning, and management of service delivery programs. Emphasis on theories of change and student developments as change agents. Systems theory used as basis for understanding organizational structures and development.

6600. Concepts and Practice of Research in Occupational Therapy (3)

P: Statistics course approved by chair. Principles and processes involved in scientific research. Qualitative and quantitative approaches. Application of knowledge culminates in development of research proposal.

6650. Conducting Research in Occupational Therapy (3)

P: OCCT 6200, 6250, 6600. Design and implementation of research proposal that contributes to knowledge base of OT.

6660. Master's Project (3)

P: OCCT 6650. Completion of research project which contributes to knowledge base of OT and manuscript appropriate for submission to refereed journal.

6701. Assistive Technology Devices and Services (3) Same as SPED 6701

P: Admission to certification program or consent of instructor. Broad overview of assistive technology, including legal, educational, and discipline specific information. Provides basic information that prepares students for other certificate courses.

7000. Thesis (1-6)

May be repeated. May count maximum of 6 s.h.

7001. Thesis: Summer Research (1)

May be repeated. No credit may count toward degree. Students conducting thesis research may only register for this course during the summer.

7100. Qualitative Research: Analysis and Interpretation (3) Same as HLTH 7100, NURS 7100

P: Consent of instructor. Application and evaluation of qualitative research design and methods including data collection, management, and analysis approaches, and the art and science of interpretation.

IV. College of Allied Health Sciences

Department of Addictions and Rehabilitation Studies

<http://www.ecu.edu/cs-acad/grcat/programREHB.cfm>

Certificate in Employee Assistance Program Counseling

The Employee Assistance Program (EAP) Counseling certificate will provide counselors with the specific background information and skills needed in this specialized area of counseling. This certificate is open to students enrolled in graduate counseling programs and counselors who wish to work in this area. The program is designed to equip counselors with knowledge of mental health, substance abuse and family issues related to the work environment. Program design and counseling techniques/approaches specific to this specialized area of the profession are presented.

The certificate requires the completion of 12 s.h. of graduate level courses. Required courses include REHB 7610 and 9 s.h. from REHB 6320, REHB 6793, PSYC 6343 or an approved elective. The coordinator of the EAP certificate program will have a list of approved electives.

Certificate in Military and Trauma Counseling

The certificate in military and trauma counseling (MTC) will provide knowledge, skills, and best clinical practices to those who intend to work with active duty military, veterans, disabled veterans, military family members, and others affected by traumatic experiences acquired in civilian life.

The MTC certificate requires a minimum of 12 s.h. of course work. Required courses include REHB 6000, 6100, 6375, and 3 s.h. of electives selected in consultation with the certificate program coordinator.

Certificate in Rehabilitation Counseling

The Certificate in Rehabilitation Counseling provides basic knowledge and information needed to work as a professional in this specialized area. The certificate program includes specialized training in Rehabilitation Counseling and may prepare counselors to partially meet the basic academic requirements to be eligible to take the Certified Rehabilitation Counselor (CRC) Exam. Participants are required to be currently enrolled in a graduate counseling program or may enroll non degree if they possess a graduate degree in counseling.

The certificate program requires a minimum of 12 s.h. in the following courses: REHB 6000, 6010, 6100 and 3 s.h. of electives. Selected electives should be chosen in consultation with the certificate coordinator. The list of appropriate electives is available from the certificate coordinator and may be selected after consultation with the requirements of the Commission on Rehabilitation Counselor Certification.

<http://www.ecu.edu/cs-acad/gradschool/Copy-of-online.cfm?type=degreevl&value=3>

Graduate Certificates

Adult-Gerontology Nurse Practitioner
Advanced Performance Studies
Aquatic Therapy
Assistive Technology
Autism
Biofeedback
Child Welfare Studies
Clinical Nurse Specialist
Community College Instruction
Community Health Administration
Community Health Center Administration
Computer-based Instruction
Computer Network Professional
Deaf-Blindness
Development and Environmental Planning
Distance Learning and Administration
Economic Development
Electronic Commerce
Elementary Mathematics Education
Employee Assistance Program Counseling
Ethnic and Rural Health Disparities
Family Nurse Practitioner
Finance
Geographic Information Science and Technology
Gerontology
Health Care Administration
Health Care Management
Health Informatics
Hispanic Studies
Hospitality Management
Hydrogeology and Environmental Geology
Information Assurance
International Management
International Teaching
Lean Six-Sigma Black-Belt
Management Information Systems
Marketing
[Military and Trauma Counseling](#)
Multicultural and Transnational Literatures

Neonatal Nurse Practitioner
Nurse Anesthesia
Nurse Midwifery
Nursing Education

V. Thomas Harriot College of Arts and Sciences

Department of Anthropology

<http://www.ecu.edu/cs-acad/grcat/programANTH.cfm>

DEPARTMENT OF ANTHROPOLOGY

Randy Daniel, Chairperson, Flanagan Building

MA in Anthropology

The graduate faculty reviews each candidate's undergraduate grades, GRE scores, a sample of writing, statement of purpose, and three letters of recommendation. Admission to the MA program in anthropology requires the equivalent of an undergraduate major in anthropology. Any student whose undergraduate preparation is deficient in the requirements for the degree program must complete the prescribed courses. Minimum degree requirement is 30-33 s.h. as follows:

1. Core requirements: ANTH 6101, 6102, 6103, 6104; choose one from the following: ANTH 5010, 5015, 6020... 15 s.h.
2. Electives as specified by the student's advisor may include courses other than ANTH, with a maximum of 6 s.h. (3 s.h. for students pursuing non-thesis option) of ANTH 6501, 6502, 6503.....12 s.h.
3. The student must pass a foreign language proficiency test or the equivalent or pass a minimum of 6 s.h. in research skills courses approved by the chairperson of the department with a minimum grade of B in addition to the regular curriculum. The student must pass a comprehensive examination covering each area of anthropology (archeology, cultural anthropology, and physical anthropology). An oral comprehensive examination will be one component of the thesis/internship/non-thesis proposal defense. Students are required to demonstrate knowledge in their subfield and a general understanding of the other subfields of anthropology.
4. Options (Choose one of the following.).....3-6 s.h.
Thesis option: ANTH 7000.....3 s.h.
The student writes a thesis and presents a seminar based on the thesis research. The thesis proposal and the subsequent thesis must be approved by the student's advisor and committee composed of three anthropology faculty members and an outside reviewer, the departmental director of graduate studies, and the departmental chairperson.
Internship option: ANTH 6993 (ANTH 6994 optional).....3 s.h.

The student writes an internship report and presents a seminar based on the internship report. The internship and the subsequent report must be approved by the student's advisor and the committee composed of three anthropology faculty members and external internship supervisor, the departmental director of graduate studies, and the departmental chairperson.

Non-thesis option: Additional electives.....6 s.h.

The student's advisor and committee, the departmental director of graduate studies, and the chairperson must approve the student's course of study.

<http://www.ecu.edu/cs-acad/grcat/coursesANTH.cfm>

ANTH: ANTHROPOLOGY

5005. Contemporary Latin American Cultures (3) Introduces varied and diverse cultural groups in modern Latin America.

5010. Advanced Archaeological Methods and Theory (3) P: ANTH 3077 or equivalent or consent of instructor. Advanced survey of methodology relevant to analysis of archaeological cultures. Emphasis on research design, processes of culture change, and theoretical applications.

5015. Advanced Ethnographic Methods and Theory (3) 3 hours per week and field research projects. P: ANTH 3050 or equivalent or consent of instructor. Advanced training in ethnographic field methods and theory. Emphasis on individual and group research.

5030. Economic Anthropology (3) P: ANTH 2200 or consent of instructor. Production, distribution, and consumption of goods and services from an anthropological perspective. Emphasis on ways in which society and culture influence economic behaviors in underdeveloped regions.

5065. Maritime Anthropology (3) P: ANTH 2200 or consent of instructor. Systematic study of human adaptations to marine environments around the world from prehistoric to contemporary periods. Emphasis on cross-cultural examinations of nonindustrial societies.

5120. Archaeology of the Southeastern US (3) P: ANTH 2000 or consent of instructor. Intensive study of prehistoric cultures in Southeastern US. Emphasis on cultural dynamics and environmental relationships.

5125. Historical Archaeology (3) P: ANTH 2000 or consent of instructor. Development and practice of historical archaeology with theoretical and methodological contributions. Contemporary issues, including on-going projects in NC and Southeast.

5126. Public Archaeology (3) P: ANTH 2000 or consent of instructor. Pragmatic approach to archaeology beyond academic setting, including legislative mandates, contract archaeology, and public education.

5175. Advanced Archaeological Field Training (6) 40 hours of field research per week (summer). P: ANTH 3077 or 3175 or equivalent; or consent of instructor. Research methods applied to specific archaeological field problems.

5201. Special Topics in Archaeology (3) May be repeated for maximum of 6 s.h. P: Graduate standing or consent of instructor. Advanced level. Topics vary depending on student interest and current issues.

5202. Special Topics in Cultural Anthropology (3) May be repeated for maximum of 6 s.h. P: Graduate standing or consent of instructor. Advanced level. Topics vary depending on student interest and current issues.

5203. Special Topics in Physical Anthropology (3) May be repeated for maximum of 6 s.h. P: Graduate standing or consent of instructor. Advanced level. Topics vary depending on student interest and current issues.

6005. Communication Across Cultures (3) Same as INTL 6005

P: Consent of instructor. Different modes of human communication as related to varying cultural contexts.

6007. Medical Anthropology and Public Health: A Global Perspective (3) Same as MPH 6007 Explores the issues related to the fields of medical anthropology and public health leading toward developing global health interventions.

6020. Advanced Physical Anthropology Methods and Theory (3) P: Graduate standing or consent of instructor. Advanced training. Primate behavior, human genetics, anthroposcopy, anthropometry, dermatoglyphics, and osteometry.

6101. Core Course: Archaeology (3) P: Admission to anthropology graduate program or consent of instructor. Methodological concepts, cultural-historical applications, and theoretical orientations appropriate to contemporary research in archaeology.

6102. Core Course: Cultural Anthropology (3) P: Admission to anthropology graduate program or consent of instructor. Contemporary research in subfield of cultural anthropology.

6103. Core Course: Physical Anthropology (3) P: Admission to anthropology graduate program or consent of instructor. Contemporary research in subfield of physical anthropology.

6104. Anthropological Research Design (3) P: Admission to anthropology graduate program or consent of instructor. Analytical techniques most useful to anthropologists. Persuasive writing and organizational skills necessary to develop effective research program.

6106. Anthropological Perspectives of Security (3) P: Explores issues related to security and violence within a cultural process, and theoretical orientation related to cultural anthropology.

6501, 6502, 6503. Independent Reading and Research (1,2,3) May be repeated for maximum of 6 s.h. for thesis and internship option and 3 s.h. for non-thesis option. P: Consent of instructor. Intensive research in selected subdiscipline of anthropology.

6993, 6994. Internship (3,3) 140 hours of supervised field experience. P: Admission to ANTH graduate program.

7000. Thesis (3) May be repeated. May count maximum of 3 s.h.

7001. Thesis: Summer Research (1) May be repeated. No credit may count toward degree. Students conducting thesis research may only register for this course during the summer.

ANTH Banked Courses

6105. Anthropological Research Design and Analytical Laboratory (1)

VI. College of Business

<http://www.ecu.edu/cs-acad/grcat/COB.cfm>

College of Business

Stanley G. Eakins, Dean, 3119 Bate Building

Paul H. Schwager, Associate Dean, 3119 Bate Building

Shanan G. Gibson, Associate Dean for Student and Faculty Development, 3208 Bate Building

Tina L. Williams, Director of Graduate Programs, 3203 Bate Building

Mission

The mission of the East Carolina University College of Business is to be a highly respected regional business school. The mission is achieved by preparing undergraduate and graduate students for careers in business, expanding knowledge of business disciplines through theoretical and applied research, and serving practitioners with training and applied research.

The college, which consists of five departments, offers the Bachelor of Science in Business Administration (BSBA) degree with ten concentrations, the Master of Business Administration (MBA) degree, the joint Doctor of Medicine and Master of Business Administration (MD/MBA) degree, and the Master of Science in Accounting (MSA) degree. The college also offers ~~six~~ **eleven** graduate business certificates open to students concurrently enrolled in MBA or MSA degree programs from AACSB accredited institutions or possessing an MBA and MSA degree from an AACSB accredited institution.

The college supports the business practitioner through the Division of Professional Programs, Bureau of Business Research, Small Business Institute, and applied research projects in both graduate and undergraduate classes.

Accreditation

The College of Business undergraduate and graduate business programs are accredited by the Association to Advance Collegiate School of Business (AACSB) International.

Master's Programs in Business

The MBA and MSA degree programs are open to students with baccalaureate degrees from institutions accredited by the Council for Higher Education Accreditation (CHEA) agency who present evidence of their ability to pursue graduate study. Both the MBA and MSA degree programs are structured for students with baccalaureate degrees in nonbusiness as well as business fields.

The decision is based on a combination of factors including but not limited to successful completion of the Graduate Management Admissions Test (GMAT) and a total of at least 950 points for the MBA or 1000 points for the MSA based on the formula: 200 times the cumulative GPA (4.0 system) plus the GMAT score; or at least 1000 points for the MBA or 1050 for the MSA based on the formula: 200 times upper division GPA (4.0 system) plus the GMAT score. Point totals for international students are 50 points greater.

Students processing a degree or diploma from an institution which does not use English as the language of instruction are required to take the Test of English as a Foreign Language (TOEFL). A minimum score of 20 on each section and a minimum total score of 80 for the Internet based exam, or a minimum score of 550 on the paper based exam, or a minimum score of 213 on the computer based exam is required.

A maximum of 9 semester hours (s.h.) of MBA or MSA requirements may be transferred from another AACSB accredited graduate business program or an equivalent international graduate business program with the approval of the director of graduate programs and the dean of the Graduate School.

MBA

The MBA degree program offers professional training to qualified applicants who aspire to careers as efficient and responsible managers. The program emphasizes the development of analytical skills in problem solving and decision making.

The MBA degree program requires between a minimum of ~~30~~ 33 s.h. and a maximum of ~~60~~ 54 s.h. and consists of two major components; the business ~~core~~ foundation and the business ~~breadth~~ common body of knowledge. Courses required to fulfill the business ~~core~~ foundation requirement are ACCT 6241; ~~ENGL 5780~~; FINA 6144, 6204, 6214; MGMT 6102; ~~MIS 6143~~; MKTG 6162; OMGT 6123; ~~6213~~. Some or all of the business ~~core~~ foundation courses may be waived if equivalent recent work of sufficient depth has been completed at a high performance level. Courses required to fulfill the business ~~breadth~~ common body of knowledge requirement are ACCT 6521; FINA 6604; MGMT 6722, 6802; MIS 6713; MKTG 6822; OMGT 6213, 6613; ~~6683~~; and sufficient electives as approved by the ~~assistant dean for~~ director of graduate programs. Electives are divided into analytical and behavioral subgroups and each student is usually required to take at least one elective from each subgroup, although a student judged weak in one of the subgroups may be required to take all three electives from that subgroup. ~~At least 30 s.h. must be in business courses numbered 6300 or above.~~ Upon approval by the director of graduate programs, certain 5000-level courses may be substituted for business electives., ~~reducing the total required business courses numbered 6300 or above to 21.~~ Students may choose to use their electives to complete one of the graduate certificate programs as approved by the director of graduate programs.

MD/MBA

The Brody School of Medicine and the College of Business cooperatively offer a joint MD/MBA dual degree program. Students in the Brody School of Medicine may use the school's cooperative educational experience option to enroll in the MBA program in the College of Business, usually between the second and third years of medical school. The MD/MBA dual degree program is also open

to medical students who are accepted for, or enrolled in, other accredited medical schools, physicians who are currently in medical residence training programs, and practicing physicians. The GMAT requirement is waived for applicants with MD degrees or students from accredited medical schools.

The MD/MBA degree program is structured for medical students, residents, and practicing physicians. Medical students and residents may complete all MBA course work in one calendar year by entering in the second session of summer school and finishing in the first session of summer school twelve months later. Practicing physicians and residents who attend part time may enter in any term.

Courses required to fulfill the MBA requirement are ACCT 6241, 6521; FINA 6144, 6204, 6604; MGMT 6102, 6722, 6802; MIS ~~6143~~ [6713](#); MKTG 6162, 6822; OMGT 6123, ~~or 6683~~; 6213, 6613.

MSA

The MSA degree program includes advanced study in business administration and provides for greater depth and breadth in professional courses in accounting than is possible in current undergraduate degree programs or master's in business administration programs. The MSA degree meets the requirements to sit for the CPA exam in North Carolina and most other states.

The MSA degree program requires between a minimum of 30 s.h. and a maximum of 45 s.h. and consists of three major components, the business core, the accounting evaluation, and the accounting breadth. Courses required to fulfill the business core requirement are ACCT 6221, 6231. One or both of the business core courses may be waived if equivalent recent work of sufficient depth has been completed at a high performance level. Courses required to fulfill the accounting evaluation requirement are ACCT 6621, 6631, 6641. Some or all of the accounting evaluation courses may be waived if equivalent recent work of sufficient depth has been completed at a high performance level. Undergraduate accounting majors must complete the following courses to fulfill the accounting breadth requirement: ACCT 6611, 6701, 6891, 6901, 6951, 6981, FINA 6604, and 9 s.h. of accounting electives numbered 6300 or greater. Undergraduate non-accounting majors must complete the following courses to fulfill the accounting breadth requirement: ACCT 6611, 6701, 6891, 6901, 6951, 6981; and 9 s.h. of accounting electives numbered 6300 or greater. ~~At least 30 s.h. must be in accounting courses numbered 6300 or above.~~

Certificate Programs

College of Business graduate certificate programs are open to students enrolled in the MBA and MSA programs, concurrently enrolled in MBA or MSA degree programs from AACSB accredited institutions, possessing an MBA or MSA degree from an AACSB accredited institution and applicants with graduate business degrees from schools of business without AACSB accreditation with the approval of the director of graduate programs. MBA students may choose to use their electives to complete one of the graduate business certificate programs. Courses required to fulfill the various graduate business certificates requirements are as follows:

Development and environmental planning (12 s.h.): PLAN 6301, 6305; choose two from: PLAN 6000, 6009, 6010, 6019, 6020, 6029.

~~**Electronic commerce (12 s.h.):** MIS 6863, 6883; MKTG 6662, 6762.~~

Finance (12 s.h.): Choose four from the following: FINA 6624, 6654, 6814, 6824, 6854, 6874, 6876, [6914](#).

Health care management (12 s.h.): COHE 6000, 6600, 6610, 6620.

Hospitality management (12 s.h.): HMGT 6310, 6400, 6410, 6420.

International management (12 s.h.): INTL 6005, 6105, 6500; choose one from: FINA 6876; MGMT 6322; MKTG 6992; complete the foreign language requirement for the master of arts in international studies; and have a minimum of a semester-long international field experience in the area in which the selected foreign language is used, as approved by the director of graduate programs.

Management information systems (12 s.h.): MIS 6843, 6863, 6873, 6883.

Marketing (12 s.h.): Choose four from the following: MKTG 6642, 6652, 6662, 6752, 6762, 6842, 6992.

~~**Professional investment management and operations (12 s.h.):** FINA 6624, 6824, 6904, 6914.~~

~~**School business management (12 s.h.):** LEED 6804, 6807, 7408, 7470.~~

Supply Chain Management (12 s.h.): OMGT 6383, 6743, 6763; choose one from: MKTG 6762, OMGT 6333, 6493.

Tax (9 s.h.): ACCT 6911, 6921, 6931.

MBA students may choose to use their electives to complete one of the following graduate certificate programs as approved by the ~~assistant dean for~~ [director of](#) graduate programs. Additional application and program coordinator approval may be required. Courses required to fulfill the various certificate requirements are as follows:

Sport Management (12 s.h.): EXSS 6106, 6132; choose two from: EXSS 6001, 6102, 6131, 6133, RCLS 6005. See College of Health and Human Performance, Department of Exercise and Sport Science, for certificate requirements.

Security Studies (15 s.h.): Through the Division of Academic Affairs, the university offers the interdisciplinary graduate certificate in security studies. See Thomas Harriot College of Arts and Sciences, Department of Political Science, for certificate requirements.

<http://www.ecu.edu/cs-acad/grcat/CoursesFINA.cfm>

FINA: Finance

6144. Financial Management I (3)

P: ACCT 6241; OMGT 6123. Financial manager's role in financial planning, acquisition of funds, and social, ethical, and governmental aspects of national and international financial decision making.

6204. Analysis of the Business Economic Environment (3)

P: OMGT 6123. Concepts, theories, and analytical tools of micro and macroeconomic theory and their application in understanding the economic, social, and legal environment in which businesses operate.

6214. Government Regulation of Business (3)

P: Consent of assistant dean for graduate programs. Legal process and government's role played in public regulation of business enterprise. Covers judicial system, contract and sales law, business associations, antitrust, securities regulation, employment law, and trade regulation.

6604. Financial Management II (3)

- P: ACCT 6221 or FINA 6144. Financial management decision techniques as applicable to complex domestic and international business.
6624. Investment Management (3)
P: FINA 6144. Conceptual and analytical framework for formulating investment policies, analyzing investment alternatives, and constructing portfolio strategies for individuals and institutions.
6654. Commercial Bank Financial Management (3)
P: FINA 6144. Conceptual and analytical framework for management of commercial banks.
6814. Management of Financial Risk (3)
P: FINA 6144. Analysis of risk environment of corporations through advanced analytical tools and models.
6824. Portfolio Theory, Construction and Management (3)
For students considering careers in portfolio management. P: FINA 6144. Portfolio optimization, asset allocation, performance evaluation, and market efficiency issues from perspective of professional portfolio manager. Extensive use of spreadsheet software.
6854. Real Estate Investments and Analysis (3)
P: FINA 6144. Relationships among real estate, financial, and investor communities. Includes markets, location, financial and investments analysis, and taxation.
6874. Topics in Finance (3)
May be repeated for credit with change of topic and consent of chair. P: FINA 6144. Selected topics.
6876. International Financial Management (3)
P: FINA 6144. Financing of international trade and investments. Topics include international monetary system and banking, exchange rates and money markets, and international long-term investment and financial management.
- ~~6904. Mutual Fund Management and Operations (3)
P: FINA 6624 or FINA 6824 or consent of assistant dean for graduate programs. Structure and regulatory environment of investment companies and investment company securities (i.e. mutual funds).~~
6914. Portfolio Management and Operations Practicum (3)
P: FINA 6824; ~~P/C FINA 6904~~ or consent of ~~assistant dean for~~ director of graduate programs. Hands-on professional investment management. Students will be responsible for the day-to-day management and operations of actual and hypothetical investment portfolios.

<http://www.ecu.edu/cs-acad/grcat/CoursesMIS.cfm>

MIS: Management Information Systems

6143. Management Information Systems I (3)
Emphasis on computer application.
6713. Delivering Business Value through Information Systems (3)
Examines the key role of business leaders in the evaluation of information systems and information technology to deliver business value and sustain competitive advantage.
6843. Systems Analysis and Design (3)
~~P: MIS 6143.~~ Information systems analysis and design from information system/requirements analysis and application system design perspectives.
6853. Seminar in Information Systems (3)
~~P: MIS 6143.~~ Current and emerging concepts, tools, and methodologies in information systems.

6863. Enterprise Infrastructure (3)
~~P: MIS 6143.~~ Data and telecommunications fundamentals for design, implementation, and management of digital networks.
6873. Data Management (3)
~~P: MIS 6143.~~ Fundamental concepts and issues in database design, management, and application of data management technologies to support managerial decision making.
6883. Web Technologies for Business (3)
~~P: MIS 6143.~~ Exploration of issues, strategies, and evolving techniques that enable modern web applications for organizations.
6923. Topics in Management Information Systems (3)
~~P: MIS 6143.~~ May be repeated for credit with change of topic and consent of chair. Selected topics.

<http://www.ecu.edu/cs-acad/grcat/CoursesMKTG.cfm>

MKTG: Marketing

6162. Marketing Management (3)
 Definitions, concepts, practices, and analytical tools used to market goods and services. Environmental variables, e.g., legal, social, ethical, cultural, ecological, and technological issues and marketing's role within profit and nonprofit organizations.
6642. Marketing Research (3)
 P: MKTG 6162; OMTG 6123. Methods, techniques, and procedures of marketing research. Emphasis on various methods of acquiring information for marketing management decision making. Major group project or case is required.
6652. Seminar in Marketing (3)
May be repeated for credit with change of topic and consent of chair. P: MKTG 6162. Selected topics.
6662. Electronic Markets (3)
 P: MKTG 6162; MIS 6143. Examines processes necessary to integrate a website into an organization's strategic plan and the basics of the Internet. Focuses on strategic application of website to enhance corporate profit, serve customers, and market organization. Considers how various types of hardware, software, and telecommunications enable and support integrated, e business processes in an organization. Covers improvement, enhancement, and promotion of the site, including registering with search engines and directories.
6752. Advertising and Promotion Strategy (3)
 P: MKTG 6162. Effective integrated marketing communication strategies for organizations.
6762. Business-to-Business Marketing (3)
 P: MKTG 6162. Marketing mix design for business customers, emphasizing purchasing decisions, inter-firm relationships, the roles of supply chain and value-added activities in profitability, and value communication.
6822. Marketing Strategy (3)
 P: ACCT 6521; MKTG 6162. Market analysis and strategy formulation. Emphasis on application of marketing concepts to variety of organizations.
6842. Consumer Behavior (3)
 P: MKTG 6162. Current theory and research in consumer behavior used to develop marketing strategy for profit and nonprofit businesses. Applications of consumer behavior to social marketing.

6992. Global Marketing (3)

P: MKTG 6162. Marketing decision-making, strategy development, and operational performance of firms involved in international business.

OMGT: Operations Management

6123. Quantitative Methods (3) Formerly DSCI 6123

Basic quantitative concepts and their applications to decision models.

6213. Operations and Supply Chain Management (3) Formerly DSCI 6213

P: MIS 6143; OMGT 6123. Design, operations and improvement of systems that produce a firm's products and services; management of supply chains; application of conceptual and quantitative techniques.

6333. Project Management (3)

P: OMGT 6123. Concepts and technology of project management as applicable to wide range of business and technical situations. Focus on behavioral and organizational aspects as well as quantitative methods and computer systems in project management.

6383. Supply Chain Systems (3)

P: OMGT 6213. Application of technology to three key aspects of a supply chain's competitive advantage: product design, product demand estimation, and supply chain systems analysis.

6493. Quality Management (3)

P: OMGT 6213. Quality management principles and application in business enterprises and global supply chains.

6613. Management Science (3) Formerly DSCI 6613 P: OMGT 6213. Methods and models used in application of management science to managerial and organizational decision-making. Emphasis on deterministic models. Topics include decision theory, mathematical programming, network models, and deterministic simulation.

6683. Statistical Methods (3) Formerly DSCI 6683

P: OMGT 6123. Multiple correlation and regression, forecasting, analysis of variance, and selected nonparametric statistical techniques. Application project.

6743. Logistics and Materials Management (3)

P: OMGT 6213. Management and movement of goods and services to support supply chain management.

6763. Strategic Supply Chain Management (3)

P: OMGT 6213. Concepts in supply chain management and its role in global markets. Analyzes supply chains, creating supplier networks, and evaluating the performance of a supply chain.

6943. Topics in Operations Management (3)

[May be repeated for credit with change of topic and consent of chair.](#) P: OMGT 6213.
[Selected topics.](#)

VII. College of Human Ecology

School of Social Work

<http://www.ecu.edu/cs-acad/grcat1213Fixed/coursesSOCW.cfm>

SOCW: Social Work

5001. Human Behavior and Social Environment for the Human Service Professions (3)
~~May receive credit for one of SOCW4800, 5001.~~ P: Consent of [MSW program coordinator dean](#) and graduate standing. Development of social systems concept of bio-psycho-social elements of man's being. Emphasis on deeper self-awareness of one's own behavior, attitudes, beliefs, and values as related to professional practice.
5400. Seminar in Aging Studies (3) Same as CDFR 5400; GERO 5400
Entry point for graduate certificate in gerontology; exit course for undergraduate minor in gerontology. P: Consent of instructor. Topics include historical perspective on aging issues, normal aging and pathology, aging program administration, aging policy development, research in gerontology, rural aging, and aging and ethnicity.
5900. Foundations of Social Work and Social Welfare (3)
P: Graduate standing in SOCW. Introduces social work profession and social welfare, policy, and services.
- 5901, 5902, 5903. Readings in Aging Studies (1,2,or3) Same as CDFR 5901, 5902, 5903; GERO 5901, 5902, 5903
May count maximum of 3 s.h. toward baccalaureate minor in gerontology or graduate certificate in gerontology. P: Consent of instructor and chair of instructor's home unit. Selected from monographs or journals. Focus on specialized areas in which student has taken one or more courses in either baccalaureate gerontology minor or graduate gerontology certificate.
5910. Foundation Skills in Social Work Practice (3)
P: Graduate standing in SOCW. Basic practice skills. Foundation for internship preparation.
6000. Advanced Social Work Methods with Individuals (3)
P: Graduate standing in SOCW. Advanced knowledge and skill-building in clinical social work practice with individuals. Emphasis on generative theoretical approaches.
6001. Advanced Social Work Methods with Small Groups (3)
Theory and practice interventions used with groups.
6002. Advanced Social Work Methods with Families (3)
Clinical social work practice with distressed and dysfunctional family systems.
6003. Social Work Intervention with Dyadic Systems (3)
Contemporary theories of dyadic functioning and social work practice with intimate dyadic relationships, such as marriages and intimate, affectively bonded associations.
6004. Social Work Services in Schools (3)
P: Graduate standing in SOCW. Introduction and orientation to practice in school settings.
6006. Child Welfare: History and Policy (3)
Explores history of child welfare policy and rights, roles, and responsibilities of children, parents, communities, and government within American social policy for protection of children.
6007. Child Welfare Practice (3)
Examines family-centered practice as used in investigating and managing cases of child abuse, neglect, and dependency.
6022. Perspectives on Death and Dying (3) Same as CDFR 6022 and GERO 6022
Interdisciplinary exploration of issues related to death, dying and bereavement.
6050. Ethics in Social Work Practice (2)
P: Graduate standing in SOCW. Values and ethics. Emphasis on ethical decision-making and resolution of ethical dilemmas.
6051. Qualitative Evaluation and Research in Social Work (2)
P: Graduate standing in SOCW. Methods used in social work evaluation and research.
6053. Specialized Social Work Services for Families and Children (2)

- P: Graduate standing in SOCW. Conceptual and practice perspective regarding intensive and specialized services for families and children.
6054. Play Therapy with Children: A Social Work Perspective (2)
P: SOCW 6422; graduate standing in SOCW. Play therapy in social work with children. Approaches, techniques, and materials used for assessment and intervention. Case studies.
6100. Introduction to Social Work Practice (3)
P: Graduate standing in SOCW. Preparation for generalist practice from a relational perspective.
6101. Social Work Practice with Groups (2)
P: Graduate standing in SOCW. Integration of theory and practice in small group treatment from social work perspective. Advanced knowledge and skills in group development, approaches to intervention, and leadership.
6102. Social Work Practice with Families (2)
P: Graduate standing in SOCW. Contemporary theories of clinical practice with families in social environment.
6110. Social Work Practice: Interpersonal Foundations (3)
[P: Graduate standing in SOCW.](#) Concepts, theories and methods of clinical-community social work practice with an emphasis upon the relational nature of individual and family development and functioning.
6111. Social Work Practice: Community Foundations (3)
[P: Graduate standing in SOCW.](#) Concepts, theories and methods of clinical-community social work practice.
6140. Advanced Practice: Individuals and Families (3)
P: SOCW 6110, SOCW 6111 or equivalent. Advanced concepts, theories and methods of clinical-community social work practice with an emphasis on individuals and families within the context of their development and functioning.
6141. Advanced Practice: Community Partnerships (3)
P: SOCW 6110, SOCW 6111 or equivalent. Advanced concepts, theories and methods of clinical-community social work practice emphasizing social justice.
6200. Social Work Practice with Organizations and Communities (3)
P: Graduate standing in SOCW. Concepts, methods, and theories related to practice with communities or organizations.
6201. Program Management in Social Work (2)
P: Graduate standing in SOCW. Concepts, methods, and theories related to management of social work programs.
6202. Program Development in Social Work (2)
P: Graduate standing in SOCW. Concept, tools, and methods for development of social work programs.
6222. Group Work with the Aged (3) Same as GERO 6222
P: Graduate School admission. Case management, group work, and other techniques and approaches in working with older people.
6322. Practice in Health and Aging (3)
Social work intervention skills and application of theoretical concepts to practice in health settings.
6324. Social Work Practice with Developmental Disabilities (3)
Practice from social work perspective.
6326. Advanced Policy in Health and Aging Settings (3)
P: Graduate standing in SOCW. Health care and aging systems policies and organizational structures. Problems and issues of social work service delivery in health and aging.

6380. Interdisciplinary Practice: Services for Children with Serious Emotional Disturbances and Their Families (3) Same as CDFR 6380 and PSYC 6380.
 Overview of a system of care model to be used across disciplines in mental health services for children with serious emotional disturbances and their families. Prepares professionals to participate in holistic, interdisciplinary team practice in a variety of settings.
6392. Social Work Practice in Mental Health (3)
 Knowledge and skills needed to practice social work in range of mental health settings.
6394. Advanced Policy in Mental Health: A Social Work Perspective (3)
 P: Graduate standing in SOCW. Advanced understanding of federal, state, and local policies related to social work practice in mental health settings. Emphasis on professional's role as client advocate in policy decision making and program development.
6422. Social Work Practice in Family and Children Services (3)
 Theory and modalities of intervention with children and families in various child welfare settings.
6426. Advanced Policy in Family and Children's Services (3)
 P: Graduate standing in SOCW. Current status of families in American society, social welfare policies, and practices. Family needs and means of advocating for needed changes.
6550. Integrative Seminar (3)
 P/C: SOCW 6960. Integrates and synthesizes knowledge from all components of the MSW curriculum.
6701. Psychopathology: A Social Work Perspective (3)
 Bio-psycho-social theoretical and social work perspective on psychopathology.
6702. Social Work's Response to Human Differences (3)
 P: Graduate standing in SOCW. Incorporates knowledge of human difference and variation into strategies for social work practice. Integrates knowledge of cultures, race, gender, class, rural living, ethnicity, disabilities, human variation, and sexual orientation.
6711. Critical Thinking in Social Work Research ~~Introduction to Evaluation Research~~ (3)
P: Graduate standing in SOCW. Processes and ideas for understanding and conducting social work research, as well as using research to inform practice. ~~Introduces scientific, analytic approach to building knowledge for social work practice with specific reference to principles and methods of evaluative research as applied to critical examination of evaluative research studies.~~
6730. Conducting Evaluation Research (3)
 Evaluation of social work practice, including development of a research question, study design, analysis of both quantitative and qualitative data, and interpretation of results.
- 6732, 6734. Professional Paper (3,3)
 Formulation of social work case study. Historic or field work related research project of professional importance to social work.
6800. Social Work Practice in Substance Abuse Treatment (3) Formerly SOCW 6808
 Examines the nature and scope of drug use in America. Emphasis on role of the social worker with special consideration given to the North Carolina Substance Abuse Professional Practice Board's licensure process.
6801. Clinical Approach to Working with Substance Using/Abusing Clients (3) Formerly SOCW 6804
 Applies educational, societal, and cultural factors to clinical techniques of client assessments and treatment planning. Application and evaluation of clinical models and assessments.
6802. Law and Social Work (3)
 Prelegislative and legislative development and major provisions of laws. Interpretation of laws examined from perspective of significant court opinion related to constitutional rights.
6803. Selected Topics in Human Behavior: A Social Work Perspective (3)

- May be repeated. May count a maximum of 12 s.h. toward degree. P: Graduate standing in SOCW. New or advanced topics in human difference.
6805. Selected Topics in Indirect Practice in Social Work (3)
May be repeated. May count a maximum of 12 s.h. toward degree. P: Graduate standing in SOCW. New or advanced topics.
6806. Selected Topics in Social Work with Families and Children (3)
May be repeated. May count a maximum of 12 s.h. toward degree. P: Graduate standing in SOCW. New or advanced topics.
6807. Selected Topics in Health and Aging (3)
May be repeated. May count a maximum of 12 s.h. toward degree. P: Graduate standing in SOCW. New or advanced topics.
6809. Selected Topics in Social Work Research (3)
May be repeated. May count a maximum of 12 s.h. toward degree. P: Graduate standing in SOCW. New or advanced topics.
6810. Selected Topics in Social Welfare Policy (3)
May be repeated. May count a maximum of 12 s.h. toward degree. P: Graduate standing in SOCW. New or advanced topics.
6824. Social Service Policy and Delivery Strategies for Rural and Small Communities (3)
Social problems and processes and manner in which social services are delivered in rural setting.
- 6901, 6902, 6903. Independent Study (1,2,3)
Faculty conferences arranged. Student-faculty contract must be approved by MSW program chair. Selected readings, research, or studies related to professional practice.
6940. Field Instruction I (6)
Apply social work knowledge and skills to foundation social work practice for three days per week under social work supervision.
6950. Field Instruction II (6)
Apply social work knowledge and skills to advanced social work practice for three days per week under social work supervision.
6960. Field Instruction III (6)
Apply social work knowledge and skills to advanced social work practice for three days per week under social work supervision.
7000. Thesis (1-6)
May be repeated. May count maximum of 6 s.h.

Affected Units Marked Catalog Copy Created by the Office of Academic Program Planning and Development:

<http://www.ecu.edu/cs-acad/grcat/programpols.cfm>

Thomas Harriot College of Arts and Sciences

Department of Political Science

Brad E. Lockerbie, Chair, A-124 Brewster

Robert Thompson, Director of Graduate Studies and MPA Program, A-101 Brewster

Alethia H. Cook, Director of Security Studies Program, A-134 Brewster

MS in Security Studies

The master of science in security studies offers four areas of emphasis: environmental health and occupational safety, homeland security policy, international security, and science and technology security. The MS in security studies requires 36 s.h. of graduate work, composed of a required core of seven courses and a four-course area of emphasis in one of the above-listed areas.

All students applying for the degree are expected to apply through the Graduate School's online process, take the GRE, submit three letters of reference, and submit a statement of purpose.

Students may transfer up to 7 s.h. from a regionally accredited institution with the approval of the director of the program and the dean of the Graduate School. Requests for transfer credit should be made at the time of admission.

The required core courses will be offered in a distance education format to enable security professionals to engage in the program without being on campus. The international security and homeland security policy areas of emphasis can be completed via distance education. If a course in the area of emphasis is offered face-to-face, students may opt to take it on campus. Otherwise, they will have to either select another course or wait for that class to be offered again in a distance education format.

Required core courses: SECS 6000, 6155, 6250, 6300, 6350 - 15 s.h.

Internship: SECS 6450 - 3 s.h.

Students with relevant work experience in excess of one year may apply to the director of the program for exemption from the internship requirement. Those students who are exempted will complete 33 s.h. instead of 36 s.h.; no academic credit will be awarded for work experience.

Area of Emphasis - 12 s.h.

All students must complete 12 s.h. in one of the following areas of emphasis.

Environmental health and occupational safety: EHST 6010, 6100, ~~5510, 5520, 5530, 5540~~;
SAFT 6290, 6402, 6410

Homeland security policy: BIOL 6110; EHST 6010; HIST 6260; JUST 6502; PADM 6163, 6170, 6220; PLAN 6015; POLS 6345, 6382; SECS 6400, 6430; SOCI 5500

International security: HIST 6210, 6260; INTL 6005, 6105, 6500, 6510; POLS 6080, 6330, 6360, 6382, 6425, 6430, 6440; SECS 6380, 6390, 6420, 6430

Science and technology security: Students must select one specialization and choose four courses from that specialization. Only students with a technical undergraduate background may apply for this. Students should be aware that the science and technology security and environmental health and occupational safety areas of emphasis do not guarantee that the coursework will be available via a distance education format. Furthermore, the area of emphasis in these programs may exceed the minimum 12 s.h. requirement due to the student's need to have completed prerequisites or the numbers of credit hours associated with specific courses. Students interested in these areas of emphasis are encouraged to contact the relevant department to receive further information about their current offerings.

Areas of specialization are as follows:

Computer science: CSCI 5800, 6100, 6130, 6300, 7000

Information technology: ICTN 6823, 6853, 6865, 6878; IDIS 6515; ITEC 6050, 6600

Thesis or non-thesis option - 6 s.h.

Students may take either a thesis or non-thesis option. Students selecting the thesis option must complete a minimum of 6 s.h. of SECS 7000 and prepare a thesis acceptable to a three-person committee with relevant expertise. Students pursuing the area of emphasis in science and technology security, computer science specialization must combine SECS 7000 Thesis (3 s.h.) with CSCI 7000 Thesis (3 s.h.) for the total of 6 s.h. of thesis. Students may choose the non-thesis option by taking two additional courses (6 s.h.) in their area of emphasis.

All students must pass a comprehensive exam.

<http://www.ecu.edu/cs-acad/grcat/coursesintl.cfm>

INTL: International Studies

5000. Senior Seminar in International Studies (3) (S)

P: Consent of instructor or graduate standing. Diverse contemporary international issues.

Topics determined by instructor may include ethical/normative perspectives in world community; demographic trends of population, food, and health; energy policies; environmental hazards such as climate and pollution; economic development; selected regional conflicts; and initiatives in transnational cooperation.

6005. Communication Across Cultures (3) [Same as ANTH 6005](#)

P: Consent of instructor. Different modes of human communication as related to varying cultural contexts.

6105. Global Issues (3)

P: Consent of instructor. History and contemporary dynamics of globalization, including economic integration and restructuring, political relations among state and non-state actors, and social and cultural change.

6500. International Problem Solving and Decision Making (3)

P: Consent of instructor. Focus on understanding and application of process at organizational level. Analytical models appropriate to public and private sectors may include project management, cost/benefit analysis, mathematical programming, and simulation in international settings.

6510. Global and Multicultural Discourse (3)

P: Consent of instructor. Analysis of international and intercultural discourse with a view toward the enhancement of global and multicultural understanding.

6930, 6940. International Field Experience (3,3)

Second-culture study, practical training, internship, research, and/or employment in student's field of study and professional activities.

7000. Thesis (1-6)

May be repeated. May count a maximum 6 s.h.

7001. Thesis: Summer Research (1)

May be repeated. No credit may count toward degree. Students conducting thesis research may only register for this course during the summer.