

**The Graduate Curriculum Committee (GCC)**  
Meeting Minutes  
Wednesday, February 5, 2014

**Regular Members Present:**

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

**Regular Members Excused:**

Rich Franklin  
Paul Gemperline  
Sharon Knight

**Ex-Officio Members Present:**

Rita Reaves and Diana Wright

**Ex-Officio Members Excused:**

None

**Academic Program Planning and Development:**

Teresa Baró Woolverton

**Guests:**

Diane Coltraine, Office of the Registrar  
College of Health and Human Performance, Thomas Skalko  
College of Allied Health Sciences, Kathy Cox, Jennifer Radloff, and Denise Donica  
Thomas Harriot College of Arts and Sciences, Alethia Cook  
College of Fine Arts and Communication, Deborah Thomson

**Actions of Committee:**

**I. Call to Order**

**1. Report on Graduate Council (GC) Actions**

The 01-15-2014 GCC minutes were approved electronically and forwarded to the Graduate Council for agenda placement.

**II. College of Health and Human Performance**  
**Department of Recreation and Leisure Studies**  
**Thomas Skalko**

**Request to Revise Existing Degree(s): Recreation and Park Administration, MS**  
Approved.

**Request to Revise Existing Certificate(s): Biofeedback Certificate**  
Approved.

**Request to Revise Existing Course(s): RCLS 6000, 6110, 6120, 6210, 6220, 6501, 6601, 6801, 6802, 6803, and RCTX 6502**

Approved as amended.

- (1.) In all course forms submitted, check the online box for expected future delivery method
- (2.) In all of the course forms submitted, revise justification specific to each course
- (3.) In all of the course forms submitted, add the HHP approval date of 10/30/2013 to justification paragraph
- (4.) Italicize textbook titles (RCLS 6000)
- (5.) Revise course objectives (RCLS 6000 - #1 and # 3); (RCLS 6120 - #3 and # 4); (RCLS 6220 - #2)(RCLS 6501 - #1 and #4); (RCLS 6801, 6802, 6803 – remove last sentence in #3); (RCTX 6502- #2 and #4)
- (6.) Revise topics by removing first line and phrase “Having said that” (RCLS 6120)
- (7.) Revise textbook edition and remove the proper name “Blackboard” (RCLS 6000, 6220)
- (8.) Revise textbook section (RCLS 6501 - add word “Variable” to beginning of sentence); (RCLS 6601 – remove first sentence); (RCLS 6801, 6802, 6803 – remove last sentence)
- (9.) Revise course credit hours (RCLS 6601)
- (10.) Revise student enrollment (RCLS 6601, 6801, 6802, 6803; RCTX 6502)
- (11.) Revise course description to reflect numerical order of prerequisites, and sentence “May be repeated for a maximum of 6 s.h.” should come before prerequisites (RCTX 6502)
- (12.) Revise marked catalog copy (RCLS 5111 – Course title should remove the “-al” from Recreational

**III. College of Allied Health Services**  
**Department of Communication Sciences and Disorders**  
**Kathy Cox**

**Request to Revise Existing Degree – MS in Communication Sciences and Disorders**  
Approved as amended.

- (1.) Revise marked catalog copy –few editorial revisions
  - a. Lower case Communication Sciences and Disorders in Admissions paragraph
  - b. Spacing after 3040 in degree requirements paragraph
  - c. Enter in each course the prerequisite, “Graduate standing in CSDI or consent of instructor”
  - d. CDSI 6992 – add the word “twice”

**IV. College of Allied Health Services  
Department of Occupational Therapy  
Jennifer Radloff and Denise Donica**

**Prerequisite Revision of Existing Course(s): OCCT 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6080, 6100, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 65550, 6600, 6650 (No content change)**

Approved.

**V. Thomas Harriot College of Arts and Sciences  
Department of Political Science  
Alethia Cook**

**Proposal of New Courses: SECS 6260, 6270, 6320**

Approved as amended.

- (1.) Revise grading scale on all course proposal forms

**VI. College of Fine Arts and Communication  
School of Communication  
Deborah Thomson**

**Revision of Existing Degree: Health Communication, MA**

Approved as amended.

- (1.) Revise the marked catalog copy by adding **#2. Electives** following core course listings; revise numbers accordingly.
- (2.) Remove the reference in #14 to the ability to complete the certificate in 15 weeks

**VII. Old Business**

**VIII. New Business**

1. Discussion of February 19<sup>th</sup> GCC agenda and the three tentative agenda items

**Curricular Actions Reviewed at this Meeting:**

New courses	3
Revised courses (title, description, content, prereq., prefix, unbanking, etc.)	33

Renumbered courses (same or different level)	0
Banked courses	0
Deleted active courses	0
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.)	3
New concentrations	0
Deleted concentrations	0
New certificates	0
Deleted certificates	0
Revised certificates	1
New minors	0
Deleted minors	0
Revised minors	0

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

New courses	87
Revised courses (title, description, content, prereq., prefix, unbanking, etc.)	60
Renumbered courses (same or different level)	0
Banked courses	0
Deleted active courses	3
Deleted banked courses	0
New degrees (RAP – Phase I)	1
New degrees (RAE – Phase II)	1
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.)	10
New concentrations	0
Deleted concentrations	0
New certificates	1
Deleted certificates	0
Revised certificates	1
New minors	0
Deleted minors	0
Revised minors	0

## Marked Catalog Copy:

### II. College of Health and Human Performance

#### Department of Recreation and Leisure Studies

[http://catalog.ecu.edu/preview\\_program.php?catoid=3&poid=534](http://catalog.ecu.edu/preview_program.php?catoid=3&poid=534)

## Recreation and Park Administration, MS

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The Department of Recreation and Leisure Studies offers a master of science degree in recreation and park administration (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.:

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- 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.:

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### **Generalist:**

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

### **Recreational Sports Management:**

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

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

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- ~~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.~~**

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#### **~~Thesis option - 12 s.h.:~~**

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

#### **~~Non-thesis option - 15 s.h.:~~**

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- ~~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

[http://catalog.ecu.edu/preview\\_program.php?catoid=3&poid=537](http://catalog.ecu.edu/preview_program.php?catoid=3&poid=537)

## Biofeedback Certificate

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The graduate certificate in biofeedback will enable students and other health professionals to monitor, measure, and feedback physiological signals to individuals and clients in order to increase human performance and treat medical conditions. Students will be able to apply biofeedback as an intervention to predict, prevent, and promote health and optimal performance as well as to treat various medical conditions. Those who successfully complete the certificate will have met the requirements necessary to sit for the national biofeedback certification examination offered by the Biofeedback Certification ~~Institute of America~~ International Alliance. Students must be currently enrolled in a graduate program or admitted as a non-degree earning student. In addition, all students must complete BIOL 2130 and BIOL 2131 or their equivalent before admission to the certificate program.

## The program requires completion of 12 s.h. as follows:

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- RCTX 6001 - Biofeedback: Principles and Practices
- RCTX 6002 - Biofeedback Laboratory
- RCTX 6003 - Advanced Biofeedback Laboratory
- 6 s.h. of electives selected in consultation with the certificate director.

## Courses

### RCLS: Recreation and Leisure Studies

~~5101 - Waterfront Facility Operations~~

~~3~~

~~Principles and practices of waterfront facility management, maintenance, and operations.~~

5111 - Recreational Facilities Management

3

P: RCLS 3104 or 3120; or consent of instructor. Principles and practices of parks and recreational facility management, maintenance, operations, and evaluation.

6000. ~~Philosophical and~~ Social Science Foundations of [Recreation Services and Interventions](#) ~~Leisure Services~~

~~3~~

~~P: Admission to graduate program in RCLS or consent of instructor. Social, theoretical and philosophical foundations. for recreation and leisure services in dynamic society.~~

6005. Recreational Sports and Activities Management

3

P: Consent of instructor. Philosophy, organization, and administration of recreational sports and activities.

~~6100 - Risk Management and Legal Liability in Recreation, Leisure, and Recreational Sport~~

~~3~~

~~P: Consent of instructor. Legal issues related to delivery of recreation, leisure, and recreational sport services, including legal foundations, liability and tort policy, employment laws, disability services, malpractice concerns, insurance, and current issues.~~

6110. Research Methods in [Recreation Services and Interventions](#) ~~Recreational Therapy and Recreation and Leisure Services~~

3

~~P: Admission to graduate program in RCLS or consent of instructor. Applies basic forms of research: Historical, qualitative, correlational, descriptive, causal-comparative, and experimental research designs. as applied to recreational therapy, leisure services, and tourism.~~

6120. Seminar in [Recreation Services and Interventions](#) ~~Recreation, Leisure, and Recreational Therapy Administration~~

3

~~P: Admission to graduate program in RCLS or consent of instructor. In-depth examination and discussion of contemporary topics and issues pertinent to recreation, leisure, and recreational therapy service delivery.~~

6210. Management and Program Development in Recreation [and Park Administration](#) ~~and Leisure Services~~

3

~~P: Admission to graduate program in RCLS or consent of instructor. Current theory, empirical research, and practical applications. of leisure service industry programming and administration.~~

6220. Managing Commercial and Tourism Industry ~~Leisure Services~~

3

~~P: Admission to graduate program in RCLS or consent of instructor. Focus on commercial recreation and tourism environment, principles and concepts of management and marketing, and systematic techniques of analysis and inquiry.~~

6501. Capstone Experience in Recreation and ~~Leisure Services~~ [Park](#) Administration

3

~~May be repeated for a maximum of 6 s.h.~~ P: [DSCI 6123](#); RCLS 6110; [RCLS 6300](#); or consent of graduate program director.

~~Capstone experience involving s~~ Scientific inquiry of select subject or problem area. Content negotiated between student and the instructor in compliance with departmental guidelines. ~~May be repeated for a maximum of 6 s.h.~~

6600. Graduate Teaching Seminar

1



May be repeated. ~~May count~~ for a maximum of 3 s.h. P: Consent of instructor. Provides foundation of knowledge and skills for teaching at college/university level.

6601. Research Colloquium in [Recreation Services and Interventions](#) ~~Recreation and Leisure Studies~~

1

May be repeated for a maximum of 3 s.h. Review and critique of current research and applied projects.

6801. Special Topics in [Recreation Services and Interventions](#) ~~Recreation and Leisure Studies~~

1

May be repeated. ~~May count~~ for a maximum of 6 s.h. P: Graduate standing in RCLS. New or advanced topics in an area of specialization.

6802. Special Topics in [Recreation Services and Interventions](#) ~~Recreation and Leisure Studies~~

2

May be repeated. ~~May count~~ for a maximum of 6 s.h. P: Graduate standing in RCLS. New or advanced topics in an area of specialization.

6803. Special Topics in [Recreation Services and Interventions](#) ~~Recreation and Leisure Studies~~

3

May be repeated. ~~May count~~ for a maximum of 6 s.h. P: Graduate standing in RCLS. New or advanced topics in an area of specialization.

7000. Thesis

1-6

May be repeated. ~~May count~~ A maximum of 6 s.h. [may count toward the degree.](#)

### **Recreation and Leisure Studies Banked Courses**

RCLS 6100 – Risk Management and Legal Liability in Recreation, Leisure, and Recreational Sport

### **RCTX: Recreational Therapy**

5000. Theoretical Foundations of Aquatic Rehabilitation

3 ~~Formerly RCLS 5000~~

Examines treatment principles in aquatic rehabilitation environment. Develop understanding of benefits, contraindications, and use of aquatic therapy to address needs of participants with specific health conditions.

5001. Applied Techniques in Aquatic Rehabilitation

3 ~~Formerly RCLS 5001~~

P: RCTX 5000 or consent of instructor. Develop fundamental techniques in aquatic therapy.

Additional attention to management of aquatic rehabilitation services.

6001. Biofeedback: Principles and Practices

3 ~~Formerly RCLS 6001~~

P: BIOL 2130, 2131 or equivalent. Overview of biofeedback history, instrumentation, and intervention techniques, including assessment, treatment and evaluation processes.

6002. Biofeedback Laboratory

1 ~~Formerly RCLS 6002~~

P/C: RCTX 6001. Application of biofeedback measuring and monitoring techniques in a variety of health and human performance settings.

6003. Advanced Biofeedback Laboratory

2 ~~Formerly RCLS 6003~~

P: RCTX 6002. Assessment, treatment selection, documentation, and evaluation of biofeedback services in health and human performance settings.

6310. Program Development and Management in Recreational Therapy

3 ~~Formerly RCLS 6310~~

P: Admission to graduate program in RCLS administration or consent of instructor. Advanced program development for systematic design of recreational therapy services.

6320. Client Assessment, Evaluation, and Documentation in Recreational Therapy

3 ~~Formerly RCLS 6320~~

P: Admission to graduate program in RCLS or consent of instructor. Client assessment and documentation Treatment programming and comprehensive program evaluation.

### 6330. Administrative Aspects of Recreational Therapy

3 ~~Formerly RCLS 6330~~

P: Admission to graduate program in RCLS or consent of instructor. Service delivery. Personnel management, quality management, financing and budgeting, and health care accreditation.

### 6502. Capstone Experience in Recreational Therapy

3 ~~Formerly RCLS 6502~~

May be repeated for a maximum of 6 s.h. P: ~~DSCI-6123~~; RCLS 6110; RCLS 6300; or consent of graduate program director. ~~Capstone experience involving s~~ Scientific inquiry of select subject or problem area. Content negotiated between student and the instructor in compliance with departmental guidelines.

## III. College of Allied Health Sciences

### Department of Communication Sciences and Disorders

## College of Allied Health Sciences

### Department of Communication Sciences and Disorders

*Gregg D. Givens, Chair, 3310W Health Sciences Building*

*Kathleen T. Cox, Director of Master's Education, 3310N Health Sciences Building*

*Heather Harris Wright, Director of Doctoral Education, 3310-P Health Sciences Building*

For all graduate programs, students must review the departmental minimal technical standards to ensure they meet the minimum capabilities to perform in the professions. The standards are accessible on the department Web site ([www.ecu.edu/csd](http://www.ecu.edu/csd)).

### MS in Communication Sciences and Disorders

Graduate programs are accredited by the Council for Academic Accreditation of the American Speech Language-Hearing Association.

#### Admission

Application for admission to the graduate program in communication sciences and disorders must be initiated through the Graduate School. The department requires that the applicant take the Graduate Record Examination (GRE). ~~The minimum acceptable score for each subtest is 30<sup>th</sup> percentile; students who are the most competitive have scores that exceed the 50<sup>th</sup> percentile. Scores must be less than 5 years old. with minimum combined scores of 900 on the Verbal and Quantitative sections of the examination (absolute minimum of 400 on each section).~~ A minimum overall cumulative GPA of 3.0 on a 4.0 scale in undergraduate work is required with a minimum of 3.2 in the ~~communication sciences and disorders major~~ ~~major area of study~~ (or pre-requisite speech-language pathology courses). The applicant must submit three letters of reference with at least two from faculty of the college(s) or university(s) previously attended. Additional requirements for admission will be posted to the department website on an annual basis.

Completed applications should be received no later than January 15 for enrollment in the fall semester. Applications for fulltime study beginning in either the spring or summer semesters will be considered only under special circumstances because of the sequential nature of the program of study. ~~Students interested in being considered for a graduate or research assistantship should complete the graduate assistantship form on the departmental Web site ([www.ecu.edu/csd](http://www.ecu.edu/csd))~~

#### Major Areas of Study

Candidates for the MS degree in communication sciences and disorders may select from the major emphasis areas of speech-language pathology ~~and~~ or communication sciences.

The speech-language pathology emphasis area is a professional program designed to prepare students for ~~credentialing as a clinical speech-language pathologist. immediate placement in public school and other clinical positions. Persons completing this program of study must meet all~~ This program of study is designed to meet all academic and clinical requirements for certification by the American Speech Language Hearing Association. ~~In addition, graduates of this program may also be eligible for;~~ licensure in North Carolina as well as in most other states, and ~~graduate certification~~ advanced licensure by the North Carolina State Department of Public Instruction.

The communication sciences emphasis area is tailored to the special interests of the students. ~~The~~ This non-clinical course of study can include a substantial portion of the courses in the speech-language pathology ~~and~~ or audiology emphasis areas. Additionally, communication sciences students are required to complete a thesis and successfully pass a final oral defense of the thesis. Students in the communication sciences emphasis do not receive clinical training and are not eligible for credentialing as a clinical speech-language pathologist.

### **Degree Requirements**

The university confers the degree of master of science in communication sciences and disorders when the candidate has earned at least 54 s.h. of graduate credit. An additional 6 s.h. of graduate credit is available for those interested in receiving the Advanced Certificate of Teaching from the Department of Public Instruction.

A background of undergraduate courses in speech and hearing sciences is ~~essential~~required. For those students who do not have an undergraduate degree in the field, specific undergraduate courses must be taken prior to formally beginning the MS degree sequence. The following undergraduate courses or their equivalent must be taken prior to enrolling in graduate courses: CSDI 3010 (phonetics), 3020 (child language development), ~~3030~~ 3040 (anatomy, physiology, ~~and acoustics~~), 3045 (speech science), 3050 (acquisition and development of phonology and articulation), 4100 (introduction to audiology), 4110 (aural rehabilitation) 4440 (Neural Processes). See requirements for the BS degree in the undergraduate catalog for course descriptions.

Candidates are required to take and pass a final comprehensive examination, which may be taken upon completion of enrollment in all didactic courses required for the degree in the major area of study.

### **Required Courses**

Regardless of the major emphasis area chosen, 9 s.h. of specific core courses are required as follows: CSDI 6100, 6103, 6121. The communication science emphasis requires an additional 6 s.h. (CSDI 6101, 6523). The communication sciences emphasis also requires a thesis. For the speech-language pathology emphasis, only 3 s.h. of thesis credit may count toward the degree. For the communication science emphasis, 6 s.h. of thesis are required for the degree. For the speech-language pathology emphasis, a minimum of 25 hours of clinical observation are required prior to beginning any clinical experience in the graduate program.

In addition to the general core requirements, the emphasis in speech-language pathology requires an additional 33 s.h. of didactic courses. These courses include CSDI 6101, 6104, 6106, 6108, 6109, 6110, 6112, 6113, 6114, 6200, 6320, 6321, 6901. Clinical course requirements include: CSDI 6226, 6227, 6229, 6992, 6993. CSDI 6111 and 6117 are available as electives, but cannot replace any of the required courses.

For the candidate whose major area of study is in speech-language pathology a minimum of 250 clinical clock hours in the diagnosis and treatment of communication disorders is required at the graduate level.

If there are no hours accumulated at the undergraduate level, 375 hours will be required at the graduate level to meet certification and licensure requirements as set forth by the American Speech-Language Hearing Association and the North Carolina State Board of Examiners.

## **CSDI: Speech, Language, and Hearing Sciences**

### **6100. Language Disorders (3)**

P: ~~Undergraduate course in language development.~~ Graduate standing in CSDI or consent of instructor.

Childhood language disorders from infancy to school-age period. Principles of assessment, intervention, and classification of various types of language disorders. Specific language impairment, developmental and acquired language disorders, and autism.

### **6101. Language and Learning Disabilities (3)**

P: ~~CSDI-6100~~ Graduate standing in CSDI or consent of instructor. Oral and written language learning disabilities in school-age and adolescent populations. Contemporary theories, assessment practices, and intervention techniques used in management of those with language learning disorders and/or dyslexia.

### **6104. Seminar in Voice Disorders (3)**

P: ~~CSDI-6121~~ or Graduate standing in CSDI or consent of instructor. Anatomy and physiology of vocal mechanism and phonatory process. Consideration of influence of pathology on phonation. In-depth study of special voice problems as well as those more commonly encountered in clinical practice and their treatment.

### **6108. Seminar in Articulation/Phonology Disorders (3)**

P: ~~Undergraduate course in articulation/phonology~~ or Graduate standing in CSDI or consent of instructor. Phonologic/articulatory development and disorders, dynamics of articulatory production, phonetics as clinical tool, and nature and development of normal and defective articulation/phonology. Contemporary scientific methodology, technology, and research in appraisal and treatment of phonological/articulatory disorders.

### **6109. Motor Speech Disorders (3)**

P: ~~CSDI-3020, 3030, 6110~~; or Graduate standing in CSDI or consent of instructor. Neurophysiology of motor speech behavior coupled with detailed clinical analyses and treatment of various forms of dysarthria and apraxia.

### **6110. Brain, Language, and Aphasia (3)**

P: ~~CSDI-6100~~ or Graduate standing in CSDI or consent of instructor. Comprehensive study of correlative nature of brain and language. Emphasis on aphasiology, including neurological, cognitive, and linguistic aspects.

### **6111. Communication Disorders in Infants and Toddlers (3)**

P: Graduate standing in CSDI or consent of instructor. Theory and practice in the assessment and intervention of speech and language disorders in the infant/toddler population.

### **6113. Linguistic/Cognitive Impairments in Brain-Injured Adults (3)**

P: ~~CSDI-6110~~ or Graduate standing in CSDI or consent of instructor. Relationships between cognition, communicative abilities, and brain in normal aging dementia, various causes of dementia, head injury, and right hemisphere brain-damage in adults.

### **6114. Dysphagia and Neuromotor Functions (3)**

P: Graduate standing in CSDI or consent of instructor.. Relationships between brain and neuromotor functions specifically in regard to swallowing function. Identification, characteristics, assessment, and treatment of disordered swallowing.

### **6117. Augmentative and Alternative Communication (3)**

P: Graduate standing in CSDI or consent of instructor.. Provides an overview of augmentative and alternative communication systems (AAC), including selecting and implementing AAC for children and adults.

### **6121. Speech Science (3)**

P: Graduate standing in CSDI or consent of instructor.. P: ~~CSDI-3030 or equivalent.~~ Acoustic theory of speech production and anatomical and physiological aspects of speech-motor production.

### **6225, 6226, 6227. Clinical Practicum in Speech and Language Pathologies (1,2,3)-(1-3)**

~~For CSDI graduate students.~~ Each course may be repeated ~~from 1-3 semesterst~~twice. P: ~~Completion of 24 s.h. of undergraduate and/or graduate academic course work in CSDI; consent of instructor.~~

Graduate standing in CSDI or consent of instructor. Utilization of advanced theoretical knowledge with practical application for speech-language and hearing impaired individuals under direct faculty supervision in ~~ECU Speech-Language & Hearing Clinic~~ ~~University Speech and Hearing Clinic.~~

#### **6229. Distance Education Clinical Internship (1-9)**

May be repeated twice. P: Admission to the CSDI Distance Education Program; completion of 12 s.h. academic CSDI graduate course work or consent of Director of Distance Education program and Director of External Clinical Education. Clinical practice in diagnostic and therapeutic procedures at clinical facilities that have affiliation agreements with ECU/CSDI, supervised by ASHA certified and state-licensed (where applicable) speech-language pathologists.

#### **6320. Clinical Methods in Speech-Language Pathology I (1)**

P: Graduate standing in CSDI or consent of instructor. Required one hour clinical methods course addressing basic assessment and intervention issues in Speech-Language Pathology.

#### **6321. Clinical Methods in Speech-Language Pathology II (1)**

P: 6320 or Graduate standing in CSDI or consent of instructor. Required one credit clinical methods course which is a continuation of CSDI 6320 addressing advanced assessment and intervention issues in speech-language pathology.

#### **6992. Internship in Speech-Language Pathology/Audiology (2)**

May be repeated twice. P: Graduate standing in CSDI or consent of instructor. ~~P: CSDI-6990 or 6991.~~ Directed clinical experience in university-affiliated clinical facility for a full semester.

#### **7000. Thesis (1-6)**

P: Graduate standing in CSDI or consent of instructor May be repeated twice. May count maximum of 3 s.h.

#### **7001. Thesis: Summer Research (1)**

P: Graduate standing in CSDI or consent of instructor May be repeated twice. No credit may count toward degree. Students conducting thesis research may only register for this course during the summer.

### **IV. College of Allied Health Services**

#### **Department of Occupational Therapy**

**Jennifer Radloff and Denise Donica**

#### **OCCT 6000 - Foundations of Occupational Therapy**

4

4 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. ~~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.

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#### **OCCT 6001 - Occupation and Movement**

4

4 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. ~~P/C: OCCT-6000.~~ Musculoskeletal system as related to human occupation. Mobility, stability, posture, biomechanics, development of movement, relationship between

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kinesiological components, and gradation of activities.

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### **OCCT 6002 - Occupation and Movement Laboratory**

**1**

3 lab hours per week. **P:** Admission to MS OT program; or consent of graduate program director. **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.

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### **OCCT 6003 - Dyadic and Group Skills in Occupational Therapy**

**3**

3 classroom hours per week. **P:** Admission to MS OT program; or consent of graduate program director. **P:** ~~OCCT-3000~~; ~~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.

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### **OCCT 6005 - Health Impairments and Occupational Therapy I**

**3**

3 classroom hours per week. **P:** Admission to MS OT program; or consent of graduate program director. **P:** ~~OCCT-3000~~. **P/C:** ~~OCCT-6000~~, ~~OCCT-6001~~, ~~OCCT-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.

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### **OCCT 6006 - Health Impairments and Occupational Therapy I Laboratory**

**1**

3 lab hours per week. **P:** Admission to MS OT program; or consent of graduate program director. **P:** ~~OCCT-3000~~. **P/C:** ~~OCCT-6000~~, ~~OCCT-6001~~, ~~OCCT-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.

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### **OCCT 6007 - Health Impairments and Occupational Therapy II**

**3**

3 classroom hours per week. **P:** Admission to MS OT program; or consent of graduate program director. **P:** ~~OCCT-6001~~, ~~OCCT-6002~~, ~~OCCT-6005~~, ~~OCCT-6006~~. Continuation of OCCT 6005, OCCT 6006.

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### **OCCT 6008 - Health Impairments and Occupational Therapy II Laboratory**

**1**

3 lab hours per week. **P:** Admission to MS OT program; or consent of graduate program director. **P:** ~~OCCT-6001~~, ~~OCCT-6002~~, ~~OCCT-6005~~, ~~OCCT-6006~~. Continuation of OCCT 6005, OCCT 6006.

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### **OCCT 6080 - Environmental Contexts and Systems of Occupational Therapy**

**3**

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3 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. P: ~~OCCT 6000, OCCT 6003, OCCT 6004~~; or consent of chair. Systems analysis of societal, cultural, physical, and temporal environments. Evaluates use of environment and technology to enhance occupational function.

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### **OCCT 6100 - Therapeutic Use of Human Occupation I**

4

4 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. P: ~~OCCT 6000, OCCT 6001, OCCT 6002, OCCT 6003, OCCT 6004, OCCT 6009~~; P/C: ~~OCCT 6005, OCCT 6006, OCCT 6007, OCCT 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.

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### **OCCT 6150 - Therapeutic Use of Human Occupation I Laboratory**

1

3 lab hours per week. P: Admission to MS OT program; or consent of graduate program director. P: ~~OCCT 6000, OCCT 6001, OCCT 6002, OCCT 6003, OCCT 6004, OCCT 6009~~; P/OCCT ~~6005, OCCT 6006, OCCT 6007, OCCT 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.

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### **OCCT 6200 - Therapeutic Use of Human Occupation II**

4

4 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. P: ~~OCCT 6100, OCCT 6150~~; P/C: ~~OCCT 6008~~. Extension of OCCT 6100, OCCT 6150. Case studies reflect complex health care systems, reimbursement issues, and professional support environments.

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### **OCCT 6300 - Therapeutic Use of Human Occupation III**

4

4 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. P: ~~OCCT 6200, OCCT 6250~~; C: ~~OCCT 6400~~ Extension of OCCT 6200, OCCT 6250. Case studies reflect community based practice, require coordination of systems, and development of innovative OT services.

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### **OCCT 6350 - Therapeutic Use of Human Occupation III Laboratory**

1

3 lab hours per week. P: Admission to MS OT program; or consent of graduate program director. P: ~~OCCT 6200, OCCT 6250~~; C: ~~OCCT 6400~~ Extension of OCCT 6200, OCCT 6250. Case studies reflect community based practice, require coordination of systems, and development of innovative OT services.

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### **OCCT 6400 - Fieldwork I**

1

Must be repeated once. P: Consent of graduate program director. P: ~~OCCT 6000~~. Role of

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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.

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### **OCCT 6450 - Fieldwork II**

6

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

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### **OCCT 6550 - Managing Occupational Therapy Services Laboratory**

1

3 lab hours per week. P: Admission to MS OT program; or consent of graduate program director. 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.

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### **OCCT 6600 - Concepts and Practice of Research in Occupational Therapy**

3

3 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. 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.

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### **OCCT 6650 - Conducting Research in Occupational Therapy**

3

3 classroom hours per week. P: Admission to MS OT program; or consent of graduate program director. P: ~~OCCT 6200, OCCT 6250, OCCT 6600~~. Design and implementation of research proposal that contributes to knowledge base of OT.

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**V. V. Thomas Harriot College of Arts and Sciences**  
**Department of Political Science**  
**Alethia Cook**

[http://catalog.ecu.edu/preview\\_entity.php?catoid=3&ent\\_oid=173&returnto=192](http://catalog.ecu.edu/preview_entity.php?catoid=3&ent_oid=173&returnto=192)

#### **SECS 6260 - Intelligence and National Security**

3

Theory, practice and history of intelligence in the US, British, and Soviet/Russian intelligence services.

#### **SECS 6270 - Intelligence Analysis**

3

Assessment of the intelligence gathering and reporting process, with attention to relevant analytical techniques and their cognitive limitations.

#### **SECS 6320 - Cyber Warfare and Security**



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## Security Studies, MS

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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 - 15 s.h.:

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- SECS 6000 - Security Studies Foundations
- SECS 6155 - Changing Nature of National Security Policy
- SECS 6250 - Policy and Practice of Security
- SECS 6300 - Research Methods for Security Studies
- SECS 6350 - Weapons of Mass Destruction (WMD)

### Internship - 3 s.h.:

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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.

- SECS 6450 - Internship

## Area of Emphasis - 12 s.h.

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

### Environmental health and occupational safety:

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- EHST 6010 - Fundamentals of Environmental Health
- EHST 6100 - Elements in Environmental Engineering
- SAFT 6290 - Fire Protection and Prevention and Emergency Management
- SAFT 6402 - Applied Safety Management
- SAFT 6410 - Systems Safety and Risk Analysis

### Homeland security policy:

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- BIOL 6110 - Bioterrorism and Biosecurity
- EHST 6010 - Fundamentals of Environmental Health
- HIST 6260 - The United States and the Middle East, 1783 to the Present
- JUST 6502 - Criminal Justice and Terrorism
- PADM 6163 - Environmental Policy Analysis
- PADM 6170 - Intergovernmental/Interagency Relations
- PADM 6220 - Leadership and Ethics in the Public Sector
- PLAN 6015 - Emergency/Disaster Planning
- POLS 6345 - Comparative Public Policy
- POLS 6382 - Global Terrorism
- [SECS 6260 - Intelligence and National Security](#)
- [SECS 6270 - Intelligence Analysis](#)
- [SECS 6320 - Cyber Warfare and Security](#)
- SECS 6400 - The Foundation of Homeland Security and Defense
- SECS 6430 - Special Topics Seminar
- SOCI 5500 - Seminar in Population

### International security:

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- HIST 6210 - War and Society
- HIST 6260 - The United States and the Middle East, 1783 to the Present
- INTL 6005 - Communication Across Cultures
- INTL 6105 - Global Issues
- INTL 6500 - International Problem Solving and Decision Making
- INTL 6510 - Global and Multicultural Discourse
- POLS 6080 - American Foreign Relations

- POLS 6330 - Political Modernization and the Non-Western World
- POLS 6360 - Causes of International War
- POLS 6382 - Global Terrorism
- POLS 6425 - War, Peace and Security in the Middle East
- POLS 6430 - Seminar in International Politics
- POLS 6440 - Seminar in International Organization
- [SECS 6260 - Intelligence and National Security](#)
- [SECS 6270 - Intelligence Analysis](#)
- [SECS 6320 - Cyber Warfare and Security](#)
- SECS 6380 - The Art of Statecraft and International Security
- SECS 6390 - Human Security
- SECS 6420 - Globalization and Security
- SECS 6430 - Special Topics Seminar

### **Science and technology security:**

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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:**

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#### **Computer science:**

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- CSCI 5800 - Artificial Intelligence
- CSCI 6100 - Cryptography and Information Security
- CSCI 6130 - Networking and Telecommunication
- CSCI 6300 - Cryptographic Protocols
- CSCI 7000 - Thesis

#### **Information technology:**

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- ICTN 6823 - Information Security Management

- ICTN 6853 - Cryptography Algorithms and Applications
- ICTN 6865 - Fundamental Network Security
- ICTN 6878 - Legal and Ethical Issues in Information Technology
- IDIS 6515 - Logistical Security and Safety Management
- ITEC 6050 - Strategies for Technical Management and Communications
- ITEC 6600 - Quality Systems

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## Security Studies Certificate

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*Alethia H. Cook, Director, Brewster A-134*

Through the Division of Academic Affairs, the university offers the interdisciplinary graduate certificate in Security Studies. This program provides students with an understanding of national and international threats posed by non-state actors such as terrorist networks, and the landscape of response coordination required to meet challenges posed by such threats. The goal of the certificate program is to develop new thinking towards security within a changing environment. Countering and responding to the new threats requires integration of traditional military strategies with criminal justice systems and investigation, intelligence gathering, policy development, emergency planning and response, and interagency cooperation at multiple levels of government and between governments.

Applicants seeking admission must be graduate students or non-degree students holding a baccalaureate degree. Students requesting to add a certificate while currently enrolled in a graduate degree program at ECU should follow the Graduate School's admission policies and seek approval from the program director. For access to the form to request to add a certificate view [www.ecu.edu/cs-acad/gradschool/academicpolicies.cfm](http://www.ecu.edu/cs-acad/gradschool/academicpolicies.cfm). Those seeking a stand-alone certificate should complete the certificate application and have it approved by the program director. For more information about the Graduate School's application process view [www.ecu.edu/cs-acad/gradschool/applicationinfo.cfm](http://www.ecu.edu/cs-acad/gradschool/applicationinfo.cfm).

### The certificate requires 15 s.h. of credit as follows:

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- SECS 6000 - Security Studies Foundations
- SECS 6155 - Changing Nature of National Security Policy

### Three optional courses chosen in conjunction with the certificate director from the following list:

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- CSCI 6100 - Cryptography and Information Security
- EHST 6010 - Fundamentals of Environmental Health
- JUST 6502 - Criminal Justice and Terrorism
- HIST 6260 - The United States and the Middle East, 1783 to the Present
- ICTN 6823 - Information Security Management

- INTL 6500 - International Problem Solving and Decision Making
- POLS 6382 - Global Terrorism
- POLS 6425 - War, Peace and Security in the Middle East
- PADM 6170 - Intergovernmental/Interagency Relations
- PADM 6220 - Leadership and Ethics in the Public Sector
- PLAN 6015 - Emergency/Disaster Planning
- SECS 6260 - Intelligence and National Security
- SECS 6270 - Intelligence Analysis
- SECS 6320 - Cyber Warfare and Security
- SECS 6350 - Weapons of Mass Destruction

**VI. College of Fine Arts and Communication**  
**School of Communication**  
**Deborah Thomson**

[http://catalog.ecu.edu/preview\\_program.php?catoid=3&poid=522&returnto=151](http://catalog.ecu.edu/preview_program.php?catoid=3&poid=522&returnto=151)

The MA in communication prepares students for careers or advanced academic training in communication with an emphasis in health communication focusing on interpersonal communication and the media. The 30-~~hour~~ s.h. program provides students with a thesis or non-thesis option.

1. Core - 18 s.h.

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COMM 6000 - Communication Theory

COMM 6030 - Research Methods

~~COMM 6230 - Introduction to Health Communication (required for health communication emphasis)~~

2. Electives - 12 s.h.

(Choose ~~9 s.h.~~ from the following courses ) - ~~9 s.h.~~

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(required for the health communication emphasis)

COMM 6210 - Media and Health Communication

COMM 6220 - Interpersonal Health Communication

COMM 6221 - Intercultural Communication in Health Contexts

COMM 6224 - Communication and Health Organizations

COMM 6226 - Communication Approaches to Health Advocacy

[COMM 6230 - Introduction to Health Communication](#)

COMM 6240 - Special Topics in Health Communication

~~23.~~ Options - 12 s.h.

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a. Thesis:

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- COMM 7000 - Thesis - 3-6 s.h.
- Electives (COMM or related areas) - 6-9 s.h. \*

**b. Non-thesis:**

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- Electives (COMM or related areas) - 12 s.h. \*

**34. Successful completion of comprehensive exams or thesis.**

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**Note:**

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\*Electives are chosen in consultation with the graduate program director. Courses in related areas (outside of COMM) must be at the 5000 level or above. A maximum of 3 s.h. may be taken at the 5000 level.