University Curriculum Committee
24 February 2005 Meeting Minutes

Members present:

Guest present:
D. Coltraine

 Approval without dissent the minutes of the 10 February 2005 meeting.

2) Harriot College of Arts & Sciences Associate Dean Scott Snyder and Professor Elena Murenina spoke in favor of the new interdisciplinary minor proposal from the Interdisciplinary Russian Studies Minor Committee in the Harriot College. Along with the minor are these new courses:

- RUSI 2001. Introduction to Russian Studies: Humanities
- RUSI 2002. Introduction to Russian Studies: Social Science
- RUSI 2003. Introduction to Russian Studies: Fine Arts
- RUSI 3011, 3012. Field Study in Russia
- RUSI 3500. Selected Topics in Russian Studies
- RUSI 3931, 3932, 3933. Directed Readings in Russian Studies
- RUSI 4000. Senior Seminar in Russian Studies

After brief discussion, Long moved for approval, with a second by Arnold. Motion passed without dissent.

3) Harriot College of Arts & Sciences Associate Dean Scott Snyder, Political Science Department Chair Rick Kearney, as well as Professors Nancy Spalding, Rick Kilroy, and Carmine Scavo spoke in favor of the new interdisciplinary Security Studies minor proposal to be housed in the Harriot College. Along with the minor are these new courses:

- SECS 1000: Introduction to Securities Studies
- SECS 4000: Senior Seminar in Securities Studies

After brief discussion, Arnold moved for approval, with a second by Smith. Motion passed without dissent.

4) Professor Nancy Spalding of the Dept. of Political Science spoke in favor of one new course and several course and program revisions. The new course is:

- POLS 4996: Capitol Experience

After discussion, Long moved for approval, with a second by Estes. Motion passed without dissent.

5) School of Theatre and Dance Director John Shearin and Professor Jo Carlson spoke in favor of new courses:
- **THEA 2018: Unarmed Combat**  
- **THEA 3018: Physical Characterization**  
- **THEA 3019: Rapier & Dagger**  
- **THEA 4018: Broadsword & Quarterstaff**

After discussion, Mitchelson moved for approval, with a second by Graziani. Motion passed without dissent.

6) College of Education Associate Dean John Swope and Education Professor John Gabbard spoke in support of one new course:

   - **EDUC 3002: Introduction to Diversity**

After brief discussion, Kean moved for approval, with a second by Arnold. Motion passed without dissent.

7) College of Education Associate Dean John Swope and Dept of Mathematics and Science Education Chair Ron Preston spoke in support of various programs changes in both MATE and SCIE (specifics given below in the catalog minutes). After brief discussion, Estes moved for approval, with a second by Smith. Motion passed without dissent.

8) College of Business Associate Dean Buddy Zincone and Dept of Decision Sciences Chair Scott Dellana spoke in support of various changes, including a move to replace the prefix DSCI with MIS and OMGT. Package also includes new courses:

   - **OMGT 3843, 3853: Topics in Operations Management**  
   - **OMGT 4893: Cooperative Education**  
   - **OMGT 4863: Topics in Operations Management**

and also revised courses. Dellana agreed to revise and resubmit a few items During discussion, Dellana indicated that he had contacted the units affected by this change. Estes moved for approval, with a second by Long. Motion passed without dissent.

9) College of Business Associate Dean Buddy Zincone and Professor Mark McCarthy of the Dept. of Accounting spoke in support of various changes necessitated by the change of DSCI to MIS/OMGT. After brief discussion, Kean moved for approval, with a second by Long. Motion passed without dissent.

10) School of Music Professor Christopher Ulffers spoke in support of new courses:

   - **MUSC 2207: The Enjoyment of Music**  
   - **MUSC 2257: Jazz Appreciation**

Estes moved for approval, with a second by Kean. Motion passed without dissent.

11) Department of Technology Systems Chair Paul Kauffman as well as Donna Hollar and Keith Williamson of the College of spoke in favor of a variety of curricular revisions, including modified degree requirements and new courses:

   - **BIOE 3000**  
   - **BIOE 3500**  
   - **BIOE 4010**  
   - **BIOE 4020**  
   - **ENMA 4010**  
   - **ENMA 4020**  
   - **ENMA 4030**
• ICCE 2010
• ICCE 2020
• ICCE 3010

After a brief discussion, Mitchelson moved for approval, with a second by Smith. Motion approved without dissent.

12) Representing the Department of Construction Management, Donna Hollar spoke in favor of a variety of one new course:
   • CMGT 4668: Human Side of Project Management

   After a brief discussion, Long moved for approval, with a second by Estes. Motion approved without dissent.

13) Representing the Department of Planning, Donna Hollar spoke in favor of a variety of one new course:
    • PLAN 4055: Coastal Planning and Management

   Discussion revealed a consensus among the committee members of serious concerns regarding the course. Schinasi moved to table the PLAN package, with a second by Kean. Motion to table approved without dissent.

14) Department of History Professors John Tilley, Timothy Jenks, Jonathan Reid, and Anoush Terjanian spoke in favor of numerous new, banked, revised, and deleted courses, as well as degree requirements revisions. The new courses are:

   • HIST 3413 History of Christianity, 1300-present
   • HIST 3414 The Celtic World, 700 BC-1601 AD
   • HIST 3445 Modern France, 1815-present
   • HIST 3482 Britain, 1688-1832
   • HIST 3484 Britain from 1832
   • HIST 3551 Medieval Russia, 862-1682
   • HIST 3552 Imperial Russia, 1682-1917
   • HIST 3553 Soviet Russia, 1917-1991
   • HIST 4400 Science and Religion in Europe and America, 1600-1900
   • HIST 4445 The European Enlightenments
   • HIST 4470 The Great War: Experience, Memory and Legacy
   • HIST 4500 Political culture and community in eighteenth-century Britain

   They request to bank HIST 3487: Constitutional History of England, delete HIST 3481, 3550, and to revise HIST 3444, HIST 3480. After discussion, Estes moved for approval of the entire HIST package, with second by Kean. Motion approved without dissent.

15) Professor Cindy Elmore and Laura Prividera of the School of Communication spoke in favor of various curricular revisions (see below for details). After discussion, Mitchelson moved for approval, with a second by Long. Motion approved without dissent.

16) School of Nursing Associate Dean Alta Andrews spoke in favor of new courses and degree modifications. The new courses:

   • NURS 3200
   • NURS 4020

   After discussion, Kean moved for approval, with a second by Smith. Motion approved without dissent.

17) Department of English Professors Richard Taylor, Donna Lillian, Michele Eble, and Wendy Sharer spoke in favor of new/revised courses and a complete revision of their BA...
requirements. The new courses: **ENGL 3030**, **ENGL 3040**. Revised courses: **ENGL 3000**, **ENGL 3010**, **ENGL 3020**. The new courses (ENGL 3030,3040) were tabled to allow time to contact one affected unit (School of Communication). After discussion of the revised courses and degree revisions, Long moved for approval, with a second by Arnold. Motion passed without dissent.

18) College of Human Ecology Associate Dean Peter Johnstone and Criminal Justice Professor Patricia Parke spoke in favor of one new course:

**JUST 2525: Crime and the Movies**

During discussion, the committee expressed a desire for JUST to contact affected units (ENGL, COMM). Course tabled by acclamation.

19) College of Human Ecology Associate Dean Peter Johnstone and Child Life and Family Relations Professor Sandra Triebenbacher spoke in favor of new and revised courses as well as degree modifications. New courses: **CDFR 3306**, **CDFR 4321**, **CDFR 3413**, **CDFR 4000**. Revised courses: **CDFR 3210**, **CDFR 4411**. During the discussion, the committee requested a few minor modifications. Estes then moved for approval of the (revised) package, with a second by Long. Motion passed without dissent.

20) School of Art Professors Michael Duffey, Art Haney, Richard Tichich, and Wayne Godwin spoke in favor of three proposals:

I. Title change to ART 2905: After brief discussion, Estes moved for approval, with a second by Smith. Motion passed without dissent.

II. New “**General Studio**” concentration to the BA in Art: After discussion, Estes moved for approval, second by Long. Motion approved without dissent.

III. Request to establish a new “**Animation/Interactive Design**” concentration to the BFA in Art, as well as unbank/re Vide **ART 4411**. After discussion, Mitchell moved for approval, second by Long. Motion approved without dissent.

21) Department of Psychology Professor Robert Denney spoke in favor of degree and prerequisite modifications, one new course:

**PSYC 4250: Advanced Topics Seminar in Psychology**

and to bank **PSYC 3240: Psychology of Adolescence**. After discussion, Estes moved for approval, second by Long. Motion approved without dissent.

22) College of Health & Human Performance Associate Dean Sharon Knight and Professors Stephanie Jevas (Athletic Training), Hans Johnson (Health Education and Promotion), and Michael Felts (Health Education and Promotion) spoke in favor of materials from their college, including revisions to their degree requirements, revised courses:

- **HLTH 2800: Medical Nomenclature for Human Performance**
- **HLTH 3350: Concepts in Pharmacology**

and new courses:

- **HLTH 3201: Basic Rehabilitation Techniques in Athletic Training**
- **HLTH 4910: Prehealth Professions Internship**

After discussion, motions were made and seconded to approve these matters, both of which the committee approved without dissent.

23) College of Health & Human Performance Associate Dean Sharon Knight and Professor Scott Gordon of the Dept. of Exercise and Sport Science spoke in favor of revisions to
their EXSS minor. After discussion, Graziani moved for approve, with a second by Estes. Motion approved without dissent.

24) College of Health & Human Performance Associate Dean Sharon Knight and Professor Scott Gordon of the Dept. of Exercise and Sport Science spoke in favor of revisions to their BS in Health Fitness Specialist degree. After discussion, Estes moved for approve, with a second by Mitchelson. Motion approved without dissent.

25) Professor Rosina Chia, Sylvie Henning, and Jeannie Grussendorf spoke in favor of one new course, **INTL 1050: Global Understanding**, A lengthy discussion ensued regarding the course requirements. The committee suggested that they rework the course content. After a motion to table and a second, the committee voted without dissent to table this course.

26) Professor Paul Gares spoke in favor of modifications to the interdisciplinary minor in Coastal and Marine Studies and the new courses:

- **COAS 4000: Scientific Diving and Underwater Research Techniques**
- **COAS 4001: Scientific Diving and Underwater Research Techniques Lab**
- **COAS 4002: Scientific Diver Qualification**

After a brief discussion, Long moved for approval, with a second by Graziani.

27) Meeting adjourned at 6:45 pm [meeting lasted 4 hours, 45 minutes – with one 3 minutes break]

Minutes submitted by T. D. Hudson

University Curriculum Committee
24 February 2005 Catalog Minutes

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**RUSSIAN STUDIES MINOR**

Insert on pp.105 – 110 of 2004-2005 catalog:

RELIBGIOUS STUDIES

_Calvin Mercer, Director, C-300 Brewster Building_

Religious studies is a nonsectarian and interdisciplinary program designed to provide students with an understanding of religion as historical and cultural phenomena. Courses offered explore religion in its various dimensions – aesthetic, anthropological, ethical, historical, literary, philosophical, political, psychological, and sociological. Students interested in obtaining a major or double major in religious studies can do so through the multidisciplinary studies program. Interested students should contact the director of religious studies for information. The religious studies minor requires 24 s.h. credit. The major adviser should send a potential minor to the director for advising. Requirements for the minor are listed below. A maximum of 6 s.h. may be used to satisfy general education requirements and requirements for the religious studies minor. No course work in the student's major field of study will be accepted for credit toward the minor. Study-abroad programs having the prior approval of the director will be accepted for a maximum 6 s.h. of credit toward the minor. Additional

https://author.ecu.edu/cs-acad/fsonline/cu/cu2_052.cfm
courses beyond those listed below will be accepted if they significantly further the student's understanding of religion; prior approval by the director is required for additional courses. Departmental prerequisites may be waived in special cases by the department offering the course.

1. Core Requirements: Required Courses (6 s.h.)
- RELI 4500. Selected Topics in Religion (3) (F): Consent of instructor or RELI program director
- RELI 5000. Religious Studies Seminar (3): Consent of instructor or RELI program director

2. Electives: Required Courses (18 s.h.)
Choose a minimum of 9 s.h. from core religion electives and the remaining electives from either list of electives.

Core Religion Electives: (Minimum of 9 s.h.)
- ANTH 4054. Anthropology of Religion (3) (OY): GE:SO (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ENGL 3630. The Bible as Literature (3) (WI) (S): GE:HU (P: ENGL 1200)
- ENGL 3640. Literature and Religion (3) (WI) (F-OY): GE:HU
- HIST 3412. A History of Christianity to 1300 (3): GE:SO
- HIST 3627. History of Japanese Buddhism (3)
- HIST 5360. The Reformation, 1450-1598 (3)
- PHIL 1290. Introduction to Philosophy of Religion (3) (F/S): GE:HU
- PHIL 1695. Introduction to the Old Testament (3) (F): GE:HU
- PHIL 1696. Introduction to the New Testament (3) (S): GE:HU
- PHIL 2690. World Religions (3) (F, S): GE:HU
- PHIL 2691. Classical Islam (3)
- PHIL 2692. Buddhism (3)
- PHIL 3290. Philosophy of Religion (3) (S): GE:HU (P: 3 s.h. in PHIL or consent of instructor)
- PHIL 3690. Women and Religion (3): GE:HU
- PHIL 3691. Islam in the Modern World (3) (WI): (P: PHIL 2690 or PHIL 2691 or consent of instructor)
- PHIL 3692. Tibetan Religion and Culture (3) (WI): (P: PHIL 2690 or PHIL 2692 or consent of instructor)
- PHIL 3698. Mysticism (3) (WI): (P: Consent of instructor or any course from the Core Religion Electives list of the Religious Studies Program)
- PHIL 4699. Topics in Religion (3) (WI)
- PSYC 3314. Psychology of Religion (3) (S): PSYC 1000 or 1060
- RELI 2500. Study Abroad (6) (SS): GE:HU (P: Consent of instructor or RELI program director)
- RELI 3930. Directed Readings in Religious Studies (3) (Consent of director)
- SOCI 4341. Sociology of Religion (3) (S): GE:SO (P: SOCI 2110)

General Religion Electives:
- ANTH 2010. Societies Around the World (3) (F, S, SS): GE:SO
- ANTH 3002. Cultures of East Asia (3): GE:SO (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ANTH 3603. Cultures of Africa (3): GE:SO (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ANTH 3604. Cultures of the South Pacific (3) (EY): GE:SO (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ART 1906. Art History Survey (3) (F, S, FA): (P: ART 1905 or 1910)
- ART 1907. Art History Survey (3) (F, S, FA, S): (P: ART 1905 or 1910)
- ART 2905. Masterpieces and Ideas in the History of Art (3): GE:FA (P: Non-art major)
- ART 2906. West and Central African Art (3) (S): GE:FA (P: Non-art major)
- ART 2910. Ancient Art History (3) (F, S): (P: ART 1905 or 1910)
- ART 2920. Art of the Middle Ages (3): (P: ART 1906, 1907)
- ART 2930. Italian Baroque Art History (3): (P: ART 1906, 1907)
- ART 3920. Asian Art (3)
- ART 3930. Italian Renaissance Art: 1300-1500 (3): (P: ART 1906, 1907)
- ART 3940. Italian Renaissance Art: 1500-1600 (3) (WI*): (F, S): (P: ART 1906, 1907)
- ART 3950. Architectural History of the Middle East before 1600 (3) (GE:FA): (P: Junior standing; ART 1905 or 1910; 1906, 1907; or consent of instructor)
- ART 3960. Art and Power in Mesoamerica (3) (F, S): (P: ART 1906, 1907)
- ART 3970. African Art (3) (WI) (F, S): (P: ART 1906, 1907; or consent of instructor)
- ART 4900. Northern Renaissance Art History (3) (WI*): (F): (P: ART 1906, 1907)
- ART 4910. Northern Baroque Art (3) (WI*): (P: ART 1906, 1907)
- ART 4916. Art of India (3) (WI): (P: ART 1906, 1907; of consent of instructor)
- CLAS 2400. Women in Classical Antiquity (3): GE:HU
- CLAS 3400. The Ancient City: Rome (3) (F, S): GE:HU
- CLAS 3460. Classical Mythology (3): GE:HU
- ENGL 3450. Northern European Mythology (3) (WI): GE:HU (P: ENGL 1200)
- ENGL 3460. Classical Mythology (3) (F): GE:HU (P: ENGL 1200)
- ENGL 3620. Oriental Literature (3)
- ENGL 4010. Medieval Literature (3) (S-OY): GE:HU (P: ENGL 1200)
- ENGL 4030. Milton (3) (S-EY): GE:HU (P: ENGL 1200)
- ENGL 4100. Seventeenth Century Literature (3) (F-EY): GE:HU (P: ENGL 1200)
- FORL 2600. Literature in Translation: The Holocaust (3) (S): GE:HU
- GRK 1001. Ancient Greek Level I (3)
- GRK 1002. Ancient Greek Level II (3): (P: GRK 1001 of consent of instructor)
- GRK 1003. Ancient Greek Level III (3): (P: GRK 1002 or consent of instructor)
- GRK 1004. Ancient Greek Level IV (3): (P: GRK 1003 or consent of instructor)
- HIST 3210. Colonial America to 1763 (3) (WI*): GE:SO
- HIST 3415. The Middle Ages (3): GE:SO
- HIST 3420. Early Modern Europe to 1648 (3): GE:SO
- HIST 3480. English History to 1603 (3): GE:SO
- HIST 3610. History of the Far East to 1600 (3): GE:SO

https://author.ecu.edu/cs-acad/fsi/online/cu/cu2_052.cfm
HIST 3670. History of the Middle East (3) (WI) (GE:SO)
HIST 5230. Themes in African-American History (3)
HIST 5300. Comparative History of Non-Western Civilizations (3) (WI)
HIST 5310. Intellectual History of Europe (3)
HIST 5340. The Ancient Near East (3)
HIST 5350. The Renaissance in European History (3)
HIST 5450. Tudor-Stuart England (3)
LATN 1001. Latin Level I (3)
LATN 1002. Latin Level II (3) (P: LATN 1001; placement by examination; or consent of instructor)
LATN 1003. Latin Level III (3) (P: LATN 1002; placement by examination; or consent of instructor)
LATN 1004. Latin Level IV (3) (P: LATN 1003; placement by examination; or consent of instructor)
MRST 5000. Medieval and Renaissance Studies Seminar (3) (P: 9 s.h. in MRST or consent of instructor)
MUSC 5476. African Music (2) (P: Open to area minors and ANTH majors with consent of instructor)
PHIL 2320. Medieval and Renaissance Philosophy (3) (F,S) (GE:HU)
PHIL 2453. Existentialism and Phenomenology (3) (F,S) (GE:HU)
PHIL 4250. Metaphysics (3) (GE:HU) (P: 6 s.h. in PHIL or consent of instructor)

RUSSIAN STUDIES

Elena K. Murenina, Director, 3305A Bate Building
The Russian Studies minor is an interdisciplinary program offered through the Thomas Harriot College of Arts and Sciences. The minor requires a minimum of 24 s.h. and is designed to provide students with a comprehensive knowledge of Russia from both historical and contemporary perspectives. Students pursuing the Interdisciplinary Russian Studies Minor are strongly encouraged to study Russian language, as well as to take advantage of study abroad opportunities.

The interdisciplinary program includes an introductory course and senior level seminar in Russian Studies. In addition, the Russian Studies program offers lectures and seminars on literature, culture, film, history, political science, and economics. Other appropriate courses in humanities, social science, and fine arts with Russian Studies content may be counted towards the minor in consultation with the program director. It is recommended that BA students take Russian language to satisfy their foreign language requirements. No more than 6 s.h. of course work in the student's major field of study will be accepted for credit toward the minor. The student's minor program must be approved by the Russian Studies minor Director. A major option in Russian Studies is available through the BA/BS in Multidisciplinary Studies.

1. Core ........................................................................................................................................ 6 s.h.

One of the following introductory courses (3 s.h.) is required:


The following capstone course (3 s.h.) is required:

RUSI 4000. Senior Seminar in Russian Studies (3) (P: Consent of instructor or RUSI program director)

2. Electives .....................................................................................................................................18 s.h.

Choose 9 s.h. from each of the two areas below in consultation with the Director. Note that one of the three HIST 3551, 3552, 3553 courses (3 s.h.) is required for fulfillment of the social science elective course sequence.

Humanities:

RUSS 2120. Introduction to Russian Culture (3) (GE:HU)
RUSS 2700. Special Topics in Russian Studies (3)
RUSS 3220. Nineteenth Century Russian Literature in Translation (3) (GE:HU) (P: RUSS 2120 or permission of instructor)
RUSS 3221. Twentieth Century Russian Literature in Translation (3) (GE:HU) (P: RUSS 2120 or permission of instructor)
RUSS 3230. Russian and Soviet Film (3) (GE:HU) (P: RUSS 2120 or permission of instructor)
RUSS 3700. Special Topics in Russian Studies (3) (P: RUSS 2120 or 3220 or 3221 or permission of instructor)

Social Science:

ECON 3365. Russian Economic Transition (3) (GE:SO) (P: ECON 2113, 2133)
HIST 3551. Medieval Russia, 862-1682 (3)
HIST 3552. Imperial Russia, 1682-1917 (3)
HIST 3553. Soviet Russia, 1917-1991 (3)
POLS 3225. East European Political Systems (3) (GE:SO)
POLS 3236. Russian Politics (3) (GE:SO)

A maximum of two of the following courses (6 s.h.) can be counted towards the minor electives; however, the Director must approve the course substitution.
**RUSI 3011, 3012. Field Study in Russia (3,6) (P: RUSS 1004 or consent of the director)**
**RUSI 3500. Selected Topics in Russian Studies (3) (P: Consent of instructor)**
**RUSI 3931, 3932, 3933. Directed Readings in Russian Studies (1,2,3) (P: Consent of instructor)**

*Other appropriate courses in humanities, social science, and fine arts may be substituted in consultation with RUSI program Director.*

- WOMEN'S STUDIES
  - Cheryl Dudaski-Wiggs, Co-Director, 2108 Tate Building
  - Christa Reiser, Co-Director, A-407 Brewster Building

**BA in Women's Studies**
The women's studies major is an interdisciplinary degree program that includes courses on women and gender offered by the women's studies program as well as through traditional disciplines and departments. The purpose of women's studies is to offer a contemporary as well as a historical perspective on women's contributions to selfhood, family, and society; identify, critically examine, and evaluate the assumptions made about women by tradition; and discover, acquire, and accumulate knowledge about women in order to empower understanding of their lives, their roles, and their humanity. Women's studies balances traditional Western cultural assumptions with international women's perspectives, including those of minorities, the disabled, and the economically deprived. The requirements for the major include an introductory women's studies course; electives chosen from the arts, humanities, natural and social sciences, and professional schools; and a core of women's studies courses, including a capstone experience of a senior seminar and internship or directed readings. Women's studies majors are encouraged to combine women's studies with another major. Minimum degree requirement is 126 s.h. of credit as follows:

1. **General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.)** .......................................................... 42 s.h.
2. **Foreign language through level 1004** .......................................................... 12 s.h.
3. **Core** ........................................................................................................... 12 s.h.

**WOST 2000. Introduction to Women's Studies: Humanities (3) (F,S,SS) (GE:HU) or WOST 2200. Introduction to Women's Studies: Art (3) (GE:FA) or WOST 2400. Introduction to Women's Studies: Social Sciences (3) (GE:SO)**

**WOST 3910, 3920, 3930. Directed Readings in Women's Studies (1,1,1) (F,S,SS) (P: WOST 2000 or 2200 or 2400 or consent of director) or WOST 4500. Internship in Women's Studies (3) (F,S,SS) (P: Senior standing; WOST 4000; minimum 2.5 GPA or consent of director)**

**WOST 4000. Senior Seminar in Women's Studies (3) (S) (P: WOST 2000 or 2200 or 2400; additional 3 s.h. in WOST; or consent of instructor)**

**WOST 4200. Feminist Theory (3) (F) (WI) (P: WOST 2000 or 2200 or 2400; 1 other WOST course accepted for WOST major or minor)**

4. **Area of study (Choose one from each area.)** ......................................................... 12 s.h.

**Cultural Diversity:**
**ANTH 2025. Sexual Behavior from an Anthropological Perspective (3) (F) (GE:SO) (P: Introductory course in ANTH, SOCI, PSYC or consent of instructor)**
**ENGL 3260. Black Literature in America (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)**
**ENGL 4360. World Literature in English (3) (WI) (S-EY) (GE:HU) (P: ENGL 1200)**
**ENGL 5360. Studies in African-American Literature (3)**
**FORL 2600. Literature in Translation: The Holocaust (3) (S) (GE:HU)**
**HIST 3110. History of African-Americans (3) (GE:SO)**
**HIST 5230. Themes in African-American History (3)**
**SOCI 4345. Racial and Cultural Minorities (3) (F) (GE:SO) (P: ANTH 1000 or SOCI 2110)**

**Humanities:**
**ENGL 3300. Women and Literature (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)**
**ENGL 5330. Study in Women's Literature (3) (WI) (P: ENGL 1200)**
**PHIL 3690. Women and Religion (3) (GE:HU)**
**RELI 3000. Motherhood of God in Asian Traditions (3) (GE:HU)**

**Social Science:**
**ANTH 3320. Women's Roles in Cross-Cultural Perspective (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)**
**COMM 4135. Gender and Communication (3) (F) (P: COMM 1001 or 1002; or WOST 2000 or 2400)**
**POLS 3040. Women in Politics (3) (S) (P: POLS 1010 or consent of instructor)**
**PSYC 4335. Psychology of Women (3) (S) (GE:SO) (P: PSYC 1000 or 1060)**
**PSYC 4350. Psychology of Sexual Behavior (3) (F,S) (P: 6 s.h. in PSYC)**
**SOCI 3400. Introduction to Gender and Society (3) (GE:SO) (P: SOCI 2110)**
**SOCI 5400. Seminar in Gender Roles (3) (P: SOCI 2110; consent of instructor)**

**Women's History:**
**HIST 3140. Women in American History (3) (F,S) (GE:SO)**
**HIST 5220. Selected Topics in US Women's History (3)**

5. **Electives** ........................................................................................................ 12 s.h.

**ANTH 3200. Women's Roles in Cross-Cultural Perspective (3) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)**
**CDFS 5300. Families, Sexuality, and Gender Roles (3)**
**CLAS 2400. Women in Classical Antiquity (3) (GE:HU)**
**COMM 4035. Gender and Communication (3) (F) (P: COMM 2001 or WOST 2000 or 2400)**
**ENGL 3300. Women and Literature (3) (WI) (GE:HU) (P: ENGL 1200)**
**ENGL 5330. Studies in Women's Literature (3) (WI) (P: ENGL 1200)**
FORL 3660. Hispanic Women Writers (3) (GE:HU)
GEOG 4320. Gender, Economy, and Development (3) (S; P: Consent of instructor)
HIST 3140. Women in American History (3) (F; GE:SO)
HIST 5320. Selected Topics in US Women's History (3)
HLTH 3020. Health Problems II (3) (S; P: HLTH 3010 or consent of instructor)
HLTH 5002. Maternal and Child Health Education (3) (P: HLTH 3010 or consent of instructor)
HLTH 5310. Education for Human Sexuality (3) (P: Health education major or consent of instructor)
NURS 5327. Women's Health (3)
PHIL 3690. Philosophy of Religion and Ethics (3) (GE:HU)
POLS 3040. Women in Politics (3) (S; P: POLS 1010 or consent of instructor)
POLS 3041. Women and Public Policy (3) (GE:SC; P: POLS 1010 or consent of instructor)
PSYC 4335. Psychology of Women (3) (S; GE:SO; P: PSYC 1000 or 1060)
PSYC 4350. Psychology of Sexual Behavior (3) (F, S; P: 6 s.h. in PSYC)
SOC 3400. Introduction to Gender and Society (3) (GE:SO; P: SOCI 2110)
SOC 5400. Seminar in Gender Roles (3) (P: SOCI 2110; consent of instructor)
SOCW 5007. Women as Clients (3)
SPAN 5550. Hispanic Women Writers (3) (P: Consent of dept chair)
WOST 3500. Selected Topics in Women's Studies: Social Sciences (3) (GE:SO; P: WOST 2000 or 2200 or 2400 or consent of instructor)
WOST 3510. Selected Topics in Women's Studies: Humanities (3) (GE:HU; P: WOST 2000 or 2200 or 2400 or consent of program director)
WOST 3520. Selected Topics in Women's Studies: Fine Arts (3) (GE:FA; P: WOST 2000 or 2200 or 2400 or consent of program director)
WOST 3910. Directed Readings in Women's Studies (1-1, 1) (F, S, SS; P: WOST 2000 or 2200 or 2400 or consent of director)
WOST 4500. Internship in Women's Studies (3) (F, S, SS; P: Senior standing; WOST 4000; minimum 2.5 GPA or consent of director)
WOST 5000. Advanced Seminar in Women's Studies (3) (P: Consent of instructor)

6. Second major or minor and general electives to complete requirements for graduation. Each course taken for the major can only be used to satisfy one requirement of the major. For students electing women's studies as part of a double major, the director may give consent that a maximum of 6 s.h. of the women's studies major be waived or double counted.

Women's Studies Minor

The minor in women's studies is an interdisciplinary academic program with courses designed to complement and enrich students' work in their major fields. To ensure flexibility in each student's 24 s.h. program and thus assure the possibility of coordinating with the major, the women's studies minor comprises a 6 s.h. core, which includes a course that introduces the student to the discipline and a senior seminar which helps the student synthesize what she has learned, and 18 s.h. of electives. A course may not count toward the student's major degree and the women's studies minor.

1. Core ........................................................................................................................................................................ 6 s.h.

WOST 2000. Introduction to Women's Studies: Humanities (3) (F, S, SS; GE:HU) or WOST 2200. Introduction to Women's Studies: Arts (3) (GE:FA) or WOST 2400. Introduction to Women's Studies: Social Sciences (3) (GE:SO)
WOST 4000. Senior Seminar in Women's Studies (3) (S; P: WOST 2000 or 2200 or 2400; additional 3 s.h. in WOST; or consent of instructor)

2. Electives ...................................................................................................................................................................... 18 s.h.

ANTH 3009/RELI 3000/WOST 3000. Motherhood of God in Asian Traditions (3) (EY; GE:SO) (RELI 3000 GE:HU)
ANTH 3200. Women's Roles in Cross-Cultural Perspective (3) (EY; GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
CDFR 5300. Families, Sexuality, and Gender Roles (3)
CLAS 2400. Women in Classical Antiquity (3) (GE:HU)
COMM 4135. Gender and Communication (3) (F) (P: COMM 1001 or 1002; or WOST 2000 or 2400)
ENGL 3300. Women and Literature (3) (WI) (F, S, SS; GE:HU) (P: ENGL 1200)
ENGL 5330. Studies in Women's Literature (3) (WI) (P: ENGL 1200)
FORL 3660. Hispanic Women Writers (3) (GE:HU)
GEOG 4320. Gender, Economy, and Development (3) (S; P: Consent of instructor)
HIST 3140. Women in American History (3) (F; GE:HU)
HIST 5220. Selected Topics in US Women's History (3)
HLTH 3020. Health Problems II (3) (S; P: HLTH 3010 or consent of instructor)
HLTH 5002. Maternal and Child Health Education (3) (P: HLTH 3010 or consent of instructor)
HLTH 5310. Education for Human Sexuality (3) (P: Health education major or consent of instructor)
NURS 5327. Women's Health (3)
PHIL 3690. Women and Religion (3) (GE:HU)
POLS 3040. Women in Politics (3) (S; P: POLS 1010 or consent of instructor)
POLS 3041. Women and Public Policy (3) (GE:SC; P: POLS 1010 or consent of instructor)
PSYC 4335. Psychology of Women (3) (S; GE:SO)
PSYC 4350. Psychology of Sexual Behavior (3) (F, S; P: 6 s.h. in PSYC)
SOC 3400. Introduction to Gender and Society (3) (GE:SO; P: SOCI 2110)
SOC 5400. Seminar in Gender Roles (3) (P: SOCI 2110; consent of instructor)
SOCW 5007. Women as Clients (3)
SPAN 5550. Hispanic Women Writers (3) (P: Consent of dept chair)
WOST 3500. Selected Topics in Women's Studies: Social Sciences (3) (GE:SO; P: WOST 2000 or 2200 or 2400 or consent of program director)
WOST 3510. Selected Topics in Women's Studies: Humanities (3) (GE:HU; P: WOST 2000 or 2200 or 2400 or consent of program director)
WOST 3520. Selected Topics in Women's Studies: Fine Arts (3) (GE:FA; P: WOST 2000 or 2200 or 2400 or consent of program director)
of program director)
WOST 3910, 3920, 3930. Directed Readings in Women’s Studies (1,1,1) (F,S,SS) (P: WOST 2000 or 2200 or 2400 or consent of director)
WOST 4200. Feminist Theory (3) (F) (WI) (P: WOST 2000 or 2200 or 2400; 1 other WOST course accepted for WOST major or minor)
WOST 4500. Internship in Women’s Studies (3) (F,S,SS) (P: Senior standing; WOST 4000; minimum 2.5 GPA or consent of director)
WOST 5000. Advanced Seminar in Women’s Studies (3) (P: Consent of instructor)
Selected topics and honors seminars as approved by the Women’s Studies Executive Committee
May choose only one elective from:
ANTH 2025. Sexual Behavior from an Anthropological Perspective (3) (F) (GE:SO) (P: Introductory course in ANTH, SOCI, PSYC or consent of instructor)
ENGL 3260. Black Literature in America (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)
ENGL 4260. World Literature in English (3) (WI) (S-EY) (GE:HU) (P: ENGL 1200)
ENGL 5360. Studies in African-American Literature (3)
FORL 2600. Literature in Translation: The Holocaust (3) (S) (GE:HU)
HIST 3110. History of African-Americans (3) (GE:SO)
HIST 5230. Themes in African-American History (3)
SOCI 4345. Racial and Cultural Minorities (3) (F) (GE:SO) (P: ANTH 1000 or SOCI 2110)

- Insert on pp.443 – 444 2004-2005 catalog:

RELI: RELIGIOUS STUDIES

2000. Introduction to Religious Studies (3) (GE:HU) May count toward RELI minor or general education humanities requirement. Religion as historical and cultural phenomenon, explored in its aesthetic, anthropological, ethical, historical, literary, philosophical, political, psychological, and sociological dimensions.

2500. Study Abroad (6) (GE:HU) Includes field experience. P: Consent of instructor or RELI program director. Religion and culture.

3000. Motherhood of God in Asian Traditions (3) (GE:SO) Same as ANTH 3009; WOST 3000 Female representation of deities in Eastern traditions, including Hinduism, Mahayana Buddhism, and Taoism. Religious and social impact of such representation.

3930. Directed Readings in Religious Studies (3) May be repeated for maximum of 9 s.h. with change of topic. P: Consent of RELI director. Indepth exploration of topic chosen in consultation with directing professor.

4500. Selected Topics in Religion (3) (F) May be repeated for a maximum of 6 s.h. with change of topic. P: Consent of instructor or RELI program director. Selected topics with emphasis on research methods.

5000. Religious Studies Seminar (3) May be repeated for credit with change of topic. P: Consent of instructor or director of RELI. Interdisciplinary seminar examines selected topics.

RONC: RADIATION ONCOLOGY

5370. Biological Effects of Radiation (3) Same as BIOL 5370 P: BIOL 1100, 1101, 1200, 1201; or consent of instructor. Biological effects resulting from interactions of radiation and matter for scientifically and technically oriented students.

RUSI: RUSSIAN STUDIES


RUSI 2003. Introduction to Russian Studies: Fine Arts (3) (GE:FA) May count toward either the RUSI minor or the general education fine arts requirement. May receive credit for one of RUSI 2001, 2002, 2003. Introduction to Russian culture and civilization. Focus on visual, musical, and/or performing arts in their historical, cultural, and aesthetic contexts.

RUSI 3011, 3012. Field Study in Russia (3,6) P: RUSI 1004 or consent of the director. 3011 for 3 s.h.: Minimum of 3 weeks in Russia during summer. 3012 for 6 s.h.: Minimum of 5 weeks in Russia during summer, or 13 weeks during fall or spring study abroad program. Includes field experience, and on-site exploration of literary, cultural, social, historic, economic, political, and/or artistic life of Russia. Work under supervision of ECU faculty member approved by RUSI program director.

RUSI 3500. Selected Topics in Russian Studies (3) P: Consent of instructor. May be repeated for maximum of 6 s.h. with change of topic. Selected topics in Russian history, philosophy, government, society, and civilization, with emphasis on
research methods.

RUSI 3931, 3932, 3933. Directed Readings in Russian Studies (1,2,3) P: Consent of instructor. Directed study of basic research literature in a field, based on needs and interests of individual Russian Studies student. In-depth exploration of topic chosen in consultation with directing professor.

RUSI 4000. Senior Seminar in Russian Studies (3) P: Consent of instructor or RUSI program director. An interdisciplinary capstone course required for minors in Russian Studies. Advanced study of Russian culture and civilization, including literature, history, philosophy, politics, and economics, in depth.

RUSS: RUSSIAN

1001. Russian Level I (3) Lab work. P: No previous study of Russian or placement in RUSS 1001 by Russian placement test. First of four-course sequence. Intensive training in basic skills of writing, reading, speaking, and understanding Russian.

1002. Russian Level II (3) Lab work. P: RUSS 1001 or placement in 1002 by Russian placement test. Second of four-course sequence. Further intensive training in basic skills of Russian language.

1003. Russian Level III (3) P: RUSS 1002 or placement in 1003 by Russian placement test. Third of four-course sequence. All language skills strengthened. Introduction to texts which enhance study of Russian in cultural context.

1004. Russian Level IV (3) P: RUSS 1003 or placement in 1004 by Russian placement test. Fourth of four-course sequence. Emphasis on speaking and understanding written and spoken Russian.

2120. Introduction to Russian Culture (3) (GE:HU) Taught in English. No knowledge of Russian required. May not count toward foreign language requirement. Introduces most significant achievements of Russian culture in their socio-historical context through study and discussion of important literary texts and other cultural elements.

2700. Special Topics in Russian Studies (3) May be repeated for maximum of 6 s.h. with change of topic. May not count toward general education requirements. May be taught in Russian or English. Selected topics relating to language, literature or culture of Russia (pre-Soviet, Soviet or post-Soviet). Topics may vary.

3220. Nineteenth Century Russian Literature in Translation (3) (GE:HU) P: RUSS 2120 or permission of instructor. Taught in English. No knowledge of Russian required. Literature of Russia during the nineteenth century through study of selected readings in translation.

3221. Twentieth Century Russian Literature in Translation (3) (GE:HU) P: RUSS 2120 or permission of instructor. Taught in English. No knowledge of Russian required. Literature and culture of Russia and the Soviet Union during the twentieth century through reading and discussion of significant texts in translation.

3230. Russian and Soviet Film (3) (GE:HU) P: RUSS 2120 or permission of instructor. Taught in English. No knowledge of Russian required. Introduction to the major Russian and Soviet film-makers.

3700. Special Topics in Russian Studies (3) P: RUSS 2120 or 3220 or 3221 or permission of instructor. Taught in English or Russian. Selected topics relating to literature or culture of Russia (pre-Soviet, Soviet or post-Soviet). Topics may vary. May be repeated for a maximum of 6 s.h. with change of topic. May not count toward general education requirements.

SECURITY STUDIES MINOR

Insert on p. 107 of 2004 – 2005 catalog:

SECURITY STUDIES

Richard Kilroy, Director, office Brewster A-133

The security studies minor is designed to provide an interdisciplinary overview of security-related issues, policies, and infrastructure that has developed in response to security issues. The program is designed to accommodate students from a broad spectrum of degree programs within the university who have a desire to apply their majors to the growing security community, whether it be at local, state, and federal governments, or in the private or non-profit sectors.

The minor program, coordinated through the Thomas Harriot College of Arts and Science, requires 24 s.h. credit. No course credit counted toward a student’s major may be used to fulfill the requirements of the
program.

I. Core....................................................................................................................15 s.h.

SECS 1000. Introduction to Security Studies (3) (F)
SECS 4000. Senior Seminar in Security Studies (3) (S) (P: SECS 1000 and consent of the instructor)

Choose three of the following:
- POLS 3155. National Security Policy (3) (F,S)
- POLS 4382. Politics of Terrorism (3) (F,S)
- EHST 2110. Introduction to Environmental Health Science (3) (F,S)
- PLAN 4015. Emergency Planning Management (3) (F,SS)

II. Electives .............................................................................................................9 s.h.

Choose 3 of the following. POLS majors may not choose POLS electives. Courses used for the core may not be used for electives.

- EHST 2110. Introduction to Environmental Health Science (3) (F,S)
- GEOG 3003. Political Geography (3) (WI) (S) (GE:SO)
- GEOG 3410. Fundamentals of GIS (3) (F,S)
- HIST 3260. U.S. and the Middle East, 1783 to the Present (3)
- ICTN 2900, 2901. Fundamental Network Security (3,0) (P: ICTN 2154)
- JUST 1000. Criminal Justice Systems (3) (F,S,SS)
- MANF 3800. Cost and Capital Project Analysis (3) (P: MATH 1065; MATH 2283 or ITEC 3200)
- PLAN 1900. Planning for the Human Environment (3) (F,S,SS)
- PLAN 3051. Introduction to GIS in Planning (3) (F,S) (P: GEOG 3410 or consent of Instructor)
- PLAN 4015. Emergency Planning Management (3) (F,SS)
- POLS 3144. American Foreign Policy (3) (S) (RP: POLS 2020)
- POLS 3155. National Security Policy (3) (F,S)
- POLS 3290. Conflict and Peace in the Post Cold War Age (3) (S)
- POLS 3293. International Organizations (3)
- POLS 4380. Topics in International Politics (3) (P: POLS 2020 or Consent of Instructor)
- POLS 4382. Politics of Terrorism (3) (S)
- POLS 4383. War in the Modern Age (3)

Insert on p. 445 of 2004 – 2005 catalog:

SECS: SECURITY STUDIES

- SECS 1000. Introduction to Security Studies (3) (F) Basic concepts and principles of security planning and program implementation across multiple academic disciplines with application at the local, state, and federal levels of government as well as the private and non-profit sectors.

- SECS 4000. Senior Seminar in Security Studies (3) (S) P: SECS 1000 and consent of instructor. Practical application and exercises in security studies, to include threat-based scenarios, consequence management, and disaster assistance planning.

POLITICAL SCIENCE

Insert on pp. 147 – 151 of 2004 – 2005 catalog:

DEPARTMENT OF POLITICAL SCIENCE
Richard C. Kearney, Chairperson, A-124 Brewster Building
BA in Political Science

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) ................................................................. 42 s.h.
2. Foreign language through level 1004 ......................................................... 12 s.h.
3. Core ........................................................................................................ 36 s.h.
   POLS 1010. National Government (3) (F,S,SS) (GE:SO)
   POLS 2010. Introduction to Comparative Government and Politics (3) (WI) (F,S) (GE:SO)
   POLS 2020. Introduction to International Relations (3) (F,S) (GE:SO)
   Choose one from the following:
   POLS 2070. Introduction to Political Theory (3) (F) (GE:SO)
   POLS 3031. Introduction to Behavioral Methodology (3) (F) (GE:SO)
   POLS 3370. American Political Thought (3) (S) (GE:SO)
   POLS 4371. Western Political Thought I: Moses to Montesquieu (3) (RP: POLS 2070)
   POLS 4373. Western Political Thought II: Rousseau to Camus (3) (F) (RP: POLS 2070)
   Choose a minimum of 24 s.h. of POLS above 2999 to total 36 s.h.
4. Minor and electives to complete requirements for graduation.

BS in Political Science

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) ................................................................................. 42 s.h.

2. Core: Specific required courses and elective courses in each of the following categories, with a minimum of 27 s.h. above 2999. (Courses may count for only one category. No course counted for the major may count for the minor. 12 s.h. are free POLS electives. A maximum of 6 s.h. from POLS 4501, 4502, 4521, 4522, 4981, 4982, 4991, 4992 may count toward any degree program offered by the political science department.) ................................................................. 48 s.h.

American Government and Politics (9 s.h.):
   POLS 1010. American National Government (3) (F,S,SS) (GE:SO)
   POLS 3240. State and Local Government (3) (F,S) (GE:SO)
   Choose 3 s.h. from:
   POLS 3033. Voting Behavior and Public Opinion (3) (F) (GE:SO)
   POLS 3035. American Political Parties and Politics (3) (F) (GE:SO)
   POLS 3037. Campaigns and Elections (3) (S) (GE:SO)
   POLS 3039. Black Politics in America (3) (F) (GE:SO)
   POLS 3040. Women in Politics (3) (P: POLS 1010 or consent of instructor)
   POLS 3202. The American Legislature (3) (S) (GE:SO)
   POLS 3203. The American Executive (3) (F) (GE:SO)
   POLS 3204. The American Judiciary (3) (F) (GE:SO)
   POLS 3223. Constitutional Powers (3) (S) (GE:SO)
   POLS 3224. Civil Liberties (3) (S) (GE:SO)
   POLS 3241. Urban Political Systems (3) (S)
   POLS 3243. Comparative State Politics (3) (SS)
   POLS 3244. North Carolina Politics (3) (F) (GE:SO)
   POLS 4321. Contemporary Southern Politics (3) (S)
   POLS 5000. American Government and Politics (3)

Comparative Government and International Politics (9 s.h.):
   POLS 2010. Introduction to Comparative Government and Politics (3) (WI) (F,S) (GE:SO)
   POLS 2020. Introduction to International Relations (3) (F,S) (GE:SO)
   Choose 3 s.h. from:
   POLS 3144. American Foreign Policy (3) (S) (RP: POLS 2020)
   POLS 3155. National Security Policy (3) (S) (GE:SO)
   POLS 3232. The European Union (3) (S) (GE:SO)
   POLS 3234. West European Political Systems (3) (F) (GE:SO)
   POLS 3235. East European Political Systems (3) (F) (GE:SO)
   POLS 3236. The Soviet Successor States Russian Politics (3) (S) (GE:SO)
   POLS 3260. Middle Eastern Political Systems (3) (GE:SO)
   POLS 3265. African Political Systems (3) (S) (GE:SO)
   POLS 3270. Latin American Political Systems (3) (S)
   POLS 3280. South Asian Political Systems (3) (SS)
   POLS 3290. Conflict and Peace in the Post-Cold War Era (3) (S)
   POLS 3293. International Organizations (3) (F)
   POLS 3295. International Law (3) (S) (P: POLS 2020 or consent of instructor)
   POLS 3297. International Political Economy (3) (GE:SO)
   POLS 4000. Political Leadership (3) (S) (P: 12 s.h. in POLS or consent of instructor)
   POLS 4107. Topics in Comparative Politics (3) (S) (P: 12 s.h. in comparative government or politics or consent of instructor)
   POLS 4360. Politics of Developing Areas (3) (F) (GE:SO)
POLS 4380. Topics in International Politics (3) (F) (P: POLS 2020 or consent of instructor)
POLS 4382. Politics of Terrorism (3) (GE:SO)
POLS 4383. War in the Modern Age (3) (F)

Political Theory, Methods, and Skills (9 s.h.):
POLS 2000. Computer Applications for Political Science (3) (F,S)
POLS 3031. Introduction to Behavioral Methodology (3) (F) (GE:SO)

Choose 3 s.h. from:
POLS 2070. Introduction to Political Theory (3) (F,S) (GE:SO)
POLS 3370. American Political Thought (3) (S) (GE:SO)
POLS 4371. Western Political Thought 1: Moses to Montesquieu (3) (S) (RP: POLS 2070)
POLS 4373. Western Political Thought 2: Rousseau to Camus (3) (F) (RP: POLS 2070)

Public Administration and Public Policy (9 s.h.):
POLS 3252. Public Administration (3) (SS) (GE:SO)
POLS 3255. Domestic Public Policy (3) (S)

Choose 3 s.h. from:
POLS 3041. Women and Public Policy (3) (S) (GE:SO) (P: POLS 1010 or consent of instructor)
POLS 3242. Municipal Policy and Administration (3) (F)
POLS 3253. Government Fiscal Administration (3) (S) (RP: POLS 1010)
POLS 3254. Governmental Personnel Administration (3) (S) (RP: POLS 3252 or consent of instructor)
POLS 3256. Environmental Politics (3) (F)
POLS 3257. International Environmental Policy (3) (S)
POLS 4310. Public Policy and the Media (3) (S) (GE:SO)

Electives in Political Science (12 s.h.)

Choose 12 s. h. from any of the fields above and from the following:
POLS 3011. Political Issues (3) (GE:SO)
POLS 3012. Politics Through Film (3) (S) (GE:SO)
POLS 3013. Decision Making in the United Nations (3) (F) (GE:SO)

Independent Study, Directed Readings, Internships, and Honors:

Choose a maximum of 6 s. h. from one of the following course groups:
POLS 4501, 4502. Independent Study in Political Science (1,2) (WI, WI) (F,S,SS) (P: Consent of dept chair)
POLS 4521, 4522. Directed Readings in Political Science (1,2) (F,S,SS) (P: Consent of dept chair)
POLS 4981, 4982. Internship in Practical Politics (1,2) (F,S,SS)
POLS 4991, 4992. Internship in Public Administration (1,2) (F,S,SS)

POLS 4991. Internship in Public Administration (1) (F,S,SS) and 4992. Internship in Public Administration (2) (F,S,SS)

(only 3 hours of internships will count toward degree; see dept. chair for possible waiver to 6 hours)

Or choose a maximum of 6 s. h. of honors from:
POLS 4551. Honors (3) (WI) (F,S,SS) (Open to POLS majors who have been invited to participate in the Honors Program)
POLS 4552. Honors (3) (WI) (F,S,SS) (Open only to POLS majors who have a minimum grade of B in POLS 4551)

3. Cognates (Choose from the following.) ................................................................. 6 s.h.
ENGL 3810. Advanced Composition (F,S,SS) or ENGL 3820. Scientific Writing (F,S,SS) or ENGL 3860. Introduction to Nonfiction Writing (F,S) or ENGL 3880. Writing for Business and Industry (F,S,SS)
MATH 2228. Elementary Statistical Methods I (F,S,SS) (P: MATH 1065 or equivalent) or MATH 2283. Statistics for Business (F,S,SS) (P: MATH 1065 or 1066 or equivalent)

4. Minor ................................................................................................................... 24 s.h.
Communication; computer science; decision sciences; economics; ethnic studies; geography; history; industrial technology; information processing; international studies; recreation and leisure studies; military science; planning; psychology; public history; sociology; statistics; women's studies; or any other appropriate minor with consent of the dept chair.

Public Administration Minor

Minimum requirement for public administration minor is 24 s. h. credit. Courses counted toward this minor may not count toward the requirements for a major in political science.

1. Core .................................................................................................................... 9 s.h.
MATH 2228. Elementary Statistical Methods I (F,S,SS) (P: MATH 1065 or equivalent) or ENGL 3880. Writing for Business and Industry (WI) (F,S,SS) (P: ENGL 1200)
POLS 2000. Computer Applications for Political Science (F,S) (GE:SO)
POLS 3252. Public Administration (GE:SO)

2. Electives (Choose from the following.) ............................................................. 15 s.h.
GEOG 3410. Fundamentals of GIS (3)
GEOG 3430. Geographic Information Systems I (F,S) (P: GEOG 3410 or equivalent)
PLAN 3000. Urban Planning (3) (F,SS)
PLAN 3032. Planning Legislation and Administration (3) (WI) (S)
PLAN 3051. Introduction to GIS in Planning (3)
POLS 3031. Introduction to Behavioral Methodology (3) (S) (GE:SO)
POLS 3041. Women and Public Policy (3) (GE:SO) (P: POLS 1010 or consent of instructor)
POLS 3240. State and Local Government (3) (GE:SO) (P: POLS 1010 or consent of instructor)
POLS 3241. Urban Political Systems (3) (S)
POLS 3242. Municipal Policy and Administration (3)
POLS 3253. Government Fiscal Administration (3) (S) (RP: POLS 1010)
POLS 3254. Governmental Personnel Administration (3) (RP: POLS 3252 or consent of instructor)
POLS 3255. Domestic Public Policy (3) (S)
POLS 3256. Environmental Politics (3) (F)
POLS 3257. International Environmental Policy (3) (S)
POLS 4310. Public Policy and the Media (3) (S) (GE:SO)
POLS 4991. Internship in Public Administration (1, 2) (F, S, SS) (P: Consent of instructor)
POLS 4992. Internship in Public Administration (2) (F, S, SS) (P: Consent of instructor)
PSYC 3241. Personnel and Industrial Psychology (3) (F, S, SS) (GE:SO)

Political Science Minor
Minimum requirement for political science minor is 24 s. h. of credit as follows:

1. Core .......................................................................................................................... 9 s. h.
POLS 1010. National Government (3) (F, S, SS) (GE:SO)
POLS 2010. Introduction to Comparative Government and Politics (3) (WI) (F, S, SS) (GE:SO)
POLS 2020. Introduction to International Relations (3) (F, S, SS) (GE:SO)
2. Choose from the following ........................................................................... 3 s. h.
POLS 2070. Introduction to Political Theory (3) (F, S) (GE:SO)
POLS 3031. Introduction to Behavioral Methodology (3) (S) (GE:SO)
POLS 3370. American Political Thought (3) (S) (GE:SO)
POLS 4371. Western Political Thought I: Moses to Montesquieu (3) (RP: POLS 2070)
POLS 4373. Western Political Thought II: Rousseau to Camus (3) (F) (RP: POLS 2070)
3. POLS electives above 2999 ............................................................................ 12 s. h.

Comparative Government and International Relations Minor
Minimum requirement for comparative government and international relations minor is 24 s. h. of credit. Courses counted toward this minor may not count toward the requirements for a major in political science.

1. Core .......................................................................................................................... 6 s. h.
POLS 2010. Introduction to Comparative Government and Politics (3) (WI) (F, S, SS) (GE:SO)
POLS 2020. Introduction to International Relations (3) (F, S, SS) (GE:SO)
2. Electives (Choose from the following.) ....................................................... 18 s. h.
POLS 3013 Decision Making in the United Nations (3) (GE:SO)
POLS 3144. American Foreign Policy (3) (S) (RP: POLS 2020)
POLS 3155. National Security Policy (3) (S) (GE:SO)
POLS 3232. The European Union (3) (GE:SO)
POLS 3234. West European Political Systems (3) (F) (GE:SO)
POLS 3235. East European Political Systems (3) (S) (GE:SO)
POLS 3236. The Soviet Successor States. Russian Politics (3) (F) (GE:SO)
POLS 3257. International Environmental Policy (3) (S)
POLS 3260. Middle Eastern Political Systems (3) (GE:SO)
POLS 3265. African Political Systems (3) (S) (GE:SO)
POLS 3270. Latin-American Political Systems (3) (S)
POLS 3290. Conflict and Peace in the Post-Cold War Era (3) (GE:SO)
POLS 3293. International Organizations (3)
POLS 3295. International Law (3) (P: POLS 2020 or consent of instructor)
POLS 3297. International Political Economy (3) (GE:SO)
POLS 4107. Topics in Comparative Politics (3) (S) (P: 12 s. h. in comparative government and politics courses or consent of instructor)
POLS 4360. Politics of Developing Areas (3) (GE:SO)
POLS 4380. Topics in International Politics (3) (F) (P: POLS 2020 or consent of instructor)
POLS 4382. Politics of Terrorism (3) (S) (GE:SO)
POLS 4383. War in the Modern Age (3)

Political Science Honors Program
Participation in the honors program is by invitation only and is limited to seniors who have obtained a minimum cumulative 3.5 GPA. A minimum grade of B on POLS 4551 is a prerequisite for admission to POLS 4552. Students completing both segments of the program with a minimum grade of B earn the recognition honors in political science on their academic records and are regarded as the most accomplished scholars among all political science majors.

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Change as appropriate on p. 433 of 2004 – 2005 catalog:

POLS 3236. The Soviet Successor States. Russian Politics (3) (GE: SO) Political structures, institutions and processes in post-Soviet Russia, selected successor states of former Soviet Union, particularly Russia and Ukraine. Legacies of communism and current political, economic, and social transformations.

4981, 4982. Internship in Public Administration (1, 2) (F, S, SS) 36 hours per week for 4991; 6 42 hours per week for 4992. May be taken concurrently. May count maximum of 6 s. h. of POLS 4501, 4502, 4521, 4522, 4523, 4524.
4981, 4982, 4991, 4992 toward any degree offered by the political science department. P: consent of instructor internship director and department chair. Experiential learning under academic supervision in political setting.

4991, 4992. Internship in Public Administration (1,2) (F,S,SS) 36 hours per week for 4991; 6 12 hours per week for 4992. May be taken concurrently. May count maximum of 6 s.h. of POLS 4501, 4502, 4521, 4522, 4981, 4982, 4991, 4992 toward POLS BS degree any degree offered by the political science department; may consult dept. chair for waiver to count 6 s.h. toward BS degree. P: consent of instructor internship director and department chair. Experiential learning under academic supervision in public agency setting.

4996. Capitol Experience (9) (F,S,SS) P: admission to an approved legislative internship program and consent of department chair. Participation in an organized legislative internship program, with a state legislature or the U.S. national government. Experiential learning under academic supervision in a political or public agency setting.

THEATER AND DANCE

Insert on p. 229 of 2004 – 2005 catalog:

Professional Actor Training (55 s.h.):
Students are admitted to the program after the freshman year by jury. Transfer students may also be admitted by interview and/or audition.

DNCE 1011. Ballet I (3) (F) or DNCE 1012. Contemporary Dance I (3) (F) or DNCE 1013. Jazz Dance I (3) (F)
DNCE 1021. Ballet II (3) (S) or DNCE 1022. Contemporary Dance II (3) (S) or DNCE 1023. Jazz Dance II (3)
THEA 1020. Introduction to Acting II (3) (S) (P: THEA 1010)
THEA 2002. Stage Scenery II (3) (F,S) (GE:FA) (P: THEA 2001) or THEA 4065. Stage Management (3) (F,S) (GE:FA)
THEA 2006. The Art of Make-up (2) (F,S) (P: THEA major)
THEA 2010. Professional Acting Technique I (3) (F) (P: THEA 1020; audition and faculty jury)
THEA 2016. Vocal Production for the Actor (3) (F) (P: Professional acting and musical theatre majors; THEA 2015; or consent of instructor)
THEA 2017. Movement for Actors (3) (F,S) (P: THEA 1020)
THEA 2018 Stage Combat: Unarmed (3) (F,S) (P: THEA 2017)
THEA 2020. Professional Acting Technique II (3) (S) (P: THEA 2010)
THEA 3010. Professional Acting Technique III (3) (F) (P: THEA 2020)
THEA 3015. Oral Interpretation (3) (S) (P: THEA 2015 or consent of instructor)
THEA 3018. Movement for Actors II: Physical Characterization (3) (F,S) (P: THEA 2017)
THEA 3020. Professional Acting Technique IV (3) (S) (P: THEA 3010)
THEA 3025. Intermediate Voice and Articulation (3) (F,S) (P: THEA 2015 or consent of instructor)
THEA 3036. Theatre History-Literature III (3) (WI*) (S) (GE:FA)
THEA 4025. Television and Film Practicum for the Actor I (3) (F) (P: THEA 3020 or consent of instructor)
THEA 4031. Dialects for the Stage (2) (S) (P: THEA 2020 or consent of instructor)
THEA 4040. Directing I (3) (WI) (F) (P: Consent of instructor)
THEA 4041. Directing II (3) (S) (P: THEA 4040; consent of instructor)
THEA 4070. Professional Preparation and Audition Technique for Actors (3) (WI) (S) (P: THEA 4025)


(From pages 456-459)
THEA: THEATRE ARTS
1000. Introduction to Theatre (3) (F,S,SS) (GE:FA) For non-theatre arts majors. Audience’s appreciation of art of playwright, actor, director, and designer. Emphasis on development of western drama and theatrical arts in general.
1010. Introduction to Acting I (3) (F,S,SS) (GE:FA) Acting through use of exercises and improvisational techniques.
1020. Introduction to Acting II (3) (SS) P: THEA 1010. Acting through use of exercises, improvisations, and scenes.
1111. Apprentice Level Production (1) (F,S,SS) May be repeated up to three times. P: Consent of instructor. Entry level practicum in various areas of theatre and dance production supervised by faculty.
2006. The Art of Make-up (2) (F,S): THEA major. Materials and techniques involved in the art of stage make-up.
2009. Decor and Ornament for the Stage (3) (F) (GE:FA) Decorative modes in Western civilization from Renaissance to present.

2010. Professional Acting Technique I (3) (F) Scene work and auditions for dept productions required. 6 hours per week. P: Audition and faculty jury; THEA 1020. Introduces reality of doing, repetition exercise, adjustment with fellow actor, independent activity, justification, and simple objectives. Frees impulses of young actor within structure of improvisational exercise.
2016. Vocal Production for the Actor (3) (F): Professional acting and musical theatre major; THEA 2015; or consent of instructor. Exercises improve and develop actor's voice.

2020. Professional Acting Technique II (3) Scene work and auditions for department productions are required. 6 hours per week. P: THEA 2010. Beginning work with daydream and incorporation of emotional preparation into repetition exercise. Personalizing imaginary circumstances and introduction to relationships. Sustains young actor with true inner life from moment to unanticipated moment.


2123. Early Experiences for the Prospective Teacher (1) For prospective teachers. Minimum of 16 hours of directed observations and planned participation in appropriate school environments and 8 hours of seminar class instruction in the teaching area. May not count toward a BA major or minor. Introduction to teaching of theatre arts.

2222. Intern Level Production (2) (F,S,SS) May be repeated up to three times. P: Consent of instructor. Basic level practicum in various areas of theatre and dance supervision by faculty.


3002. Advanced Theatrical Drafting (3) P: THEA 2002 or consent of instructor. Techniques and tools with primary focus on computer-aided drafting.

3003. Stage Lighting (3) P: Consent of instructor. Theory and practice of methods of stage lighting.
3004. Scenery Design I (3) P: THEA 2002 or consent of instructor. Principles of scenery design for production.
3005. Scenery Design II (3) (S) P: THEA 3004. Further development of design responses and rendering ability.
3007. Costume Design (3) (GE:FA) 3 lecture and 2 lab hours per week. Principles and process of stage costume design.
3008. Advanced Costume Design (3) (S) 6 studio hours per week. P: THEA 3007 or consent of instructor. Design process through design phase. Emphasis on character development and rendering skills.

3010. Professional Acting Technique III (3) Scene work and auditions for dept productions required. 6 hours per week. P: THEA 2020. Interpretation with emotional colors of previous work. Introduction to character idea and characterization work through a physical impediment. Organizes and synchronizes student to role.

3015. Oral Interpretation (3) (F) P: THEA 2015 or consent of instructor. Reading of prose, narrative, dialogue, and poetry to audience.


3019. Stage Combat: Rapier and Dagger (3) (F,S) May not count toward general education fine arts requirement. P: THEA 2018. Study of armed stage combat, sword technique as it applies to Rapier and Dagger. Emphasis on safety and dramatic application for the stage.

3020. Professional Acting Technique IV (3) (S) Scene work and auditions for dept productions required. 6 hours per week. P: THEA 3010. Monologue work. Text work includes actions, beats, paraphrasing, phrasing, particularizations, and justification. Play reality of action from consistent and meaningful point of view.

3025. Intermediate Voice and Articulation (3) (S) P: THEA 2015 or consent of instructor. Professional competence in pronunciation, intonation, and strenuous use of voice.
3027, 4027, 4028. Vocal Production Laboratory I, II, III (1,1,1) (3027:F; 4027:S; 4028:F) 2 hours per week. P: THEA 2016, 3025. Exercises to maintain acting student's vocal technique.
3036. Theatre History-Literature III (3) (WII) (F) (GE:FA) Integrated study of developments in theatre production and style. Dramatic literature from Age of Enlightenment in eighteenth century through beginnings of Modern Realism to present day.

3050. Advanced Acting I (3) For students not involved in THEA 2010-3020. Basic approach to role development through intensive scene study and improvisational exercises.

3055. History of the American Musical Theatre (3) (WI) Same as MUSC 3055 P: MUSC 2166 or consent of instructor. Styles and periods.

3060. Advanced Acting II (3) P: THEA 3050. Continued role development through intensive scene study and improvisational exercises.

3075. Developing the Concept: Play Analysis for Designers and Directors (3) (WII) (F,S) P: THEA 2035; 3003 or 3004 or 3007. Use of select one-act plays to develop skills in devising design-production concepts and preparing plays for production.
3090. Musical Theatre Performance Techniques I (3) (F) 2, 2-hour per week performance labs and/or lectures. P: Demonstrated vocal skill; THEA 1020; and/or consent of instructor. First of four-part process-oriented approach to analyzing and developing musical and dramatic techniques for performing musical material in context of its original setting. Music from standard Broadway repertoire.
3095. Musical Theatre Performance Techniques II (3) 2, 2-hour per week performance labs. P: Audition or consent of instructor; THEA 3090. Continuation of technical development in THEA 3090, with increase in musical and dramatic difficulty. Emphasis on lyric analysis and period musical styles.

3333. Journeyman Level Production (3) (F,S,SS) May be repeated up to three times. P: Consent of instructor. Intermediate level practicum in various areas of theatre and dance production supervised by faculty.

3501, 3502, 3503. Independent Study in Theatre (1,2,3) (F,S,SS) (GE:FA) May be repeated for maximum of 4 s.h. with change of topic. P: Consent of instructor and dept chair. Independent study of scholarly topic.

3601, 3602, 3603. Selected Topics in Theatre (1,2,3) (F,S,SS) (GE:FA) May be repeated for maximum of 4 s.h. with change of topic. P: Consent of instructor and dept chair. Intensive study of selected topics.

4000, 4001. Special Theatre Projects (1,1) (F,S,SS) May not be taken concurrently with THEA 2001 or 2002. P: Consent of instructor. Special projects in areas of Theatre production and performance supervised by faculty.


4003. Advanced Stage Lighting (3) (F) 4 classroom and/or lab hours per week. P: THEA 3003 or consent of instructor. Advanced theory and application of lighting design for theatre.

4018. Stage Combat: Broadsword and Quarterstaff (3) (F,S) May not count toward general education fine arts requirement. P: THEA 2018. Study of armed stage combat, sword technique as it applies to Broadsword. Study of armed stage combat, Quarterstaff technique. Emphasis on safety and dramatic application for the stage.

4025. Television and Film Practicum for the Actor I (3) Auditions for dept productions required. 6 hours per week. P: THEA 3020 or consent of instructor. Development of actor's craft and instrument used as expressive tools for film media. Major genres in TV/film, both in studio and on location.

4026. Television and Film Practicum for the Actor II (3) Auditions for dept productions required. 6 hours per week. P: THEA 4025 or consent of instructor. Continued development of actor's craft and instrument used as expressive tools for film media. Major genres in TV/film, both in studio and on location.

4030. Creative Dramatics (3) (F,S,SS) (GE:FA) Informal, improvised dramatics with children. Preparation of leaders to conduct such sessions in school and community.

4031. Dialects for the Stage (2) P: THEA 2020 or consent of instructor. Selected dialects for performer.

4036. Playwriting (2) (WI) Structure of play as piece of writing. Emphasis on actual writing of one-act plays.

4040. Directing I (3) (WI) (F) Formerly THEA 3070 Work as assistant director or stage manager on a dept. production. P: THEA 2035, 3035, 3036; 3020 or 3050. Principles, techniques, and methods of analyzing and directing a play.

4041. Directing II (3) (S) Formerly THEA 3080 Work as assistant director or stage manager on a dept. production. P: THEA 4040 and consent of instructor. Advanced study of principles, techniques, and methods of directing plays in various styles and stage settings.

4065. Stage Management (3) (F,S) (GE:FA) 2 lecture and 1 lab/studio hours per week. Duties and operating procedures of stage manager in professional and nonprofessional theatre.

4066. Theatre Management (3) (GE:FA) Theory and practice of administration for nonprofit and commercial theatres. Theatre unions, financial considerations, promotion, grantsmanship, audience development, and career opportunities in theatre management.

4070. Professional Preparation and Audition Technique for Actors (3) Auditions for dept productions required. 2 lecture and 2 lab hours per week. P: THEA 4025. Preparation for professional entertainment industry market. Development of diverse audition repertoire and market-entry skills.

4080. Musical Theatre Practicum (1) (WI) (S) P: THEA 3095. Faculty-supervised senior recitals for graduating performers in BFA musical theatre concentration.

4090. Musical Theatre Performance Technique I (3) (F) 4 studio hours per week. P: THEA 2035, 3095. Musical material (solos, duets, and trios) from Broadway repertoire utilized for advanced in-context scene study.

4095. Musical Theatre Performance Technique IV (3) 4 studio hours per week. P: THEA 4090. Audition technique and preparation for mock audition performed for jury of stage directors at end of semester.

4099. Design and Production Portfolio (1) (F,S) 3 hours per week. P: Junior or senior standing; consent of instructor. Assembly and presentation of portfolio and resume in theatrical scenography.

4323. The Teaching of Theatre Arts in Grades K-12 (3) May not count toward BA major or minor. Teaching methods and practice application of theory.

4324. Internship in Theater Education (10) Full-time, semester-long internship. P: Admission to upper division; THEA 2123; C: THEA 4325. Observation and supervised teaching in assigned theatre arts public school classroom.

4325. Internship Seminar: Issues in Theater Education (1) P: Admission to upper division; C: THEA 4324. Individualized study of problems or issues pertinent in theatre education.

4444. Master Level Production (4) (F,S,SS) May be repeated up to three times. P: Consent of instructor. Advanced level practicum in various areas of theatre and dance production supervised by faculty.

5000. Dramatic Arts Workshop (3) Presentation and evaluation of workshop projects in various aspects of theatre arts.

**EDUCATION**

[Insert on p. 340 of 2004 – 2005 catalog]
3002. Introduction to Diversity (3) A multidisciplinary introduction to concepts and issues of diversity in American society and schools.

3200. Introduction to American Education (3) (WI) (F,S,SS) P: Early experience course or consent of instructor. Historical, philosophical, and sociological foundations of American education, including multiculturalism. Organizational, financial, and legal bases of education at federal, state, and local levels. Curricular purposes in American ladder of educational institutions. Teaching as profession. Current issues and trends.

4400. Foundations of School Learning, Motivation, and Assessment (3) (F,S) P: Admission to upper division. Theories of learning, motivation, and assessment provide foundation for understanding classroom as instructional system.

4551, 4552, 4553. Trends and Issues in Education (1,2,3) (F,S,SS) May be repeated for maximum of 6 s.h. May not substitute for required courses. P: Admission to upper division; consent of instructor. Individualized study of problems or issues in pertinent areas of education.

5001. Education in a Global Perspective (3) Comparative study of selected national educational systems, curricula, teacher preparatory programs, evaluation systems, and current issues within context of global realities, demands, and needs.

5002. Foundations of Multicultural Education (3) Aspects of teaching that view cultural differences as educational assets.

2110. Introduction to Environmental Health Science (3) (F,S) Principles of environmental health practices. Emphasis on air quality, food supply, industrial hygiene, and solid and hazardous waste disposal.

2111. Introduction to Environmental Health Sciences Laboratory (1) (F,S) 3 lab hours per week. P/C: EHST 2110. Lab and field techniques in principles of environmental health sciences practices. Includes water and air quality; noise; food, radiation, and biological safety; and hazardous material.

2500. Introduction to Radiological Health (3) (S) 3 lecture hours per week. P: EHST major; PHYS 1250, 1251. Basic concepts of science of radiological health for ionizing and non-ionizing radiation. Topics include types of radiation, units, detection, measurements, sources, dose calculations, biological effects, emergencies, environmental monitoring, protection measures, and regulations. Emphasis on operational aspects of radiation safety programs.

3000. Environmental Health Practice Seminar (1) (S) 2 classroom or lab hours per week P: Major or intended major in EHST. Variety of environmental health practice settings in government, industry, and elsewhere.

3003. Environmental Epidemiology (3) (F) Science of epidemiology and biostatistics required to understand epidemiological studies. Topics include longitudinal and case control studies; risk and relative risk; collection, tabulation, and analysis of data.

3060, 3061. Environmental Issues in Construction (4,0) (F,S) 3 lecture and 2 lab hours per week P: GEOL 1500, 1501. Comprehensive overview of environmental impact of construction processes, including legislative and regulatory requirements.


3200. Food Sanitation Principles (3) (S) P: Consent of instructor; C: EHST 3201. Food composition, engineering principles, processing and preservation methods, food-borne diseases, and food regulatory programs.

3201. Food Sanitation Principles Laboratory (1) (S) 3 lab hours per week. P: Consent of instructor; C: EHST 3200. Practical experience in procedures for evaluating food, milk products, and sanitizing agents.

3350. Water Supply and Waste Water Treatment (4) (F) P: BIOL 2110, 2111; CHEM 1160, 1161; C: EHST 3351. Principles of water supply and waste water treatment technology.

3351. Water Supply and Waste Water Treatment Laboratory (1) (F) 3 lab hours per week. P: BIOL 2110, 2111; CHEM 1160, 1161; C: EHST 3350. Lab to accompany EHST 3350.

MATH AND SCIENCE EDUCATION

MATE
Insert on p. 198 of 2004 – 2005 catalog:

Section 7

p. 198

DEPARTMENT OF MATHEMATICS AND SCIENCE EDUCATION

Ron Preston, Acting Chairperson, Austin 324 A Chairperson, Flanagan 342

BS in Mathematics, Secondary Education

Credit toward a mathematics major will not be given in any MATH course with a grade less than C. See Section 7, Degree Programs, College of Education, Licensure, for NC teacher licensure requirements. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education plus special requirements for licensure (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below........ 42 s.h.

PHIL 1500. Introduction to Logic (3) (F,S,SS) (GE:HU) (GE:MA) (to be counted toward the humanities requirement)

2. Core .................. 36 s.h.

MATE or MATH 2775. Topics in Discrete Mathematics (3) (S) (GE:MA) (P: MATH 1085)
MATE or MATH 2935. Data Analysis (3) (S) (GE:MA) (P: MATH 1085)
MATH 2171, 2172, 2173. Calculus I, II, III (4,4,4) (F,S,SS) (GE:MA) (P for 2171: minimum grade of C in any of MATH 1083, 1085, or 2122; P for 2172: MATH 2171 with minimum grade of C or 2122 with consent of instructor; P for 2173: MATH 2172 with minimum grade of C)
MATH 2300. Transition to Advanced Mathematics (3) (P: MATH 2171)
MATH 3233. College Geometry (3) (F: P: MATH 2300)
MATH 3256. Linear Algebra (3) (F,S,SS) (P: MATH 2172)
MATH 3263. Introduction to Modern Algebra (3) (WI) (F,S,SS) (P: MATH 2300,3256)
MATH 3307. Mathematical Statistics I (3) (F,S) (P: MATH 2172)
MATH 5322. Foundations of Mathematics (3) (WI) (P: MATH 3233, 3263; or equivalent)

3. Professional courses................................................................. 34-25 s.h.

EDUC 3200. Introduction to American Education (3) (WI*) (F,S,SS) (P: Early experience course or consent of instructor)
EDUC 4400. Foundations of School Learning, Motivation, and Assessment (3) (P: Admission to upper division)
MATE 2123. Early Experiences for the Prospective Teacher (1) (F,S) (P: MATH 2171)
MATE 3004. Seminar in Secondary Mathematics Curriculum—Algebra I (1) (S) (P: MATE 2123)
MATE 3005. Seminar in Secondary Mathematics Curriculum—Geometry (1) (F) (P: MATE 2123; C: MATH 3233)
MATE 3006. Seminar in Secondary Mathematics Curriculum—Advanced Mathematics I (1) (F) (P: MATE 3004, 3005)
MATE 4001. Technology in Secondary Mathematics Education (3) (F) (P: Admission to upper division; MATE or MATH 2775, 2935; C: MATE 4323)
MATE 4323. The Teaching of Mathematics in High School (3) (F: P: MATE 2123)
MATE 4324. Internship in Mathematics (10) (S) (P: Admission to upper division; MATE 4323; C: MATE 4325; READ 3990)
MATE 4325. Internship Seminar: Issues in Mathematics Education (1) (S) (P: Admission to upper division; MATE 4323; C: MATH 4324)
READ 3990. Teaching Reading in the Content Areas in the Secondary School (2) (F,S,SS) or READ 5317. Reading in the Junior and Senior High School (3)

SPED 4010. Exceptional Students in the Regular Classroom (2) (F,S) (P: Admission to upper division; RP: SPED 2000)

4. Specialty Area ........... 6 s.h.

MATE 3004. Seminar in Secondary Mathematics Curriculum—Algebra II (1) (S) (P: MATE 2123)
MATE 3005. Seminar in Secondary Mathematics Curriculum—Geometry I (1) (F) (P: MATE 2123; C: MATH 3233)
MATE 3006. Seminar in Secondary Mathematics Curriculum—Advanced Mathematics II (1) (F) (P: MATE 3004, 3005)
MATE 4323. The Teaching of Mathematics in High School (3) (F: P: Admission to upper division; MATE 2123)

4. 5. Electives to complete requirements for graduation.

Insert on p. 180 of 2004 – 2005 catalog:

Academic Concentrations

General Science (24 s.h.)
SCIE 3602. Investigations in Physical and Earth Science for Elementary Majors (4) (F,S,SS)
SCIE 3604. Investigations in Life and Environmental Science for Elementary Education Majors (4) (F,S,SS)
Choose 4 s.h. biological science
Choose 4 s.h. physical science
Choose 8 s.h. electives above 2999 selected from BIOL, CHEM, GEOL, PHYS, SCIE

Insert on p. 198 – 200 of 2004 – 2005 catalog:

BS in Science Education
The science education degree prepares and develops professionals in science education by offering classroom instruction and research opportunities in programs for students whose career goals are teaching science in the elementary, middle, and secondary schools, and in higher education. Undergraduate areas of preparation include the methods and processes of teaching the biological, physical, and earth sciences. Minimum degree requirement is 128 s.h. of credit as follows:

1. General education and special requirements for certification (See Section 4, General Education Requirements for all Baccalaureate Degree programs), including those listed below: 42 s.h.

   BIOL 1100, 1101. Principles of Biology and Laboratory I (3,1) (F,SS,SS) (GE:SC) (P/C for 1101: BIOL 1100)
   CHEM 1150, 1151. General Chemistry and Laboratory I (3,1) (F,SS,SS) (GE:SC) (P: Chemistry placement test or passing grade in CHEM 0150; P/C: MATH 1065)
   MATH 1065. College Algebra (3) (F,SS,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   PSYC 1000. Introductory Psychology (3) (F,SS,SS) (GE:SO)
   PSYC 3206. Developmental Psychology (3) (WI*) (F,SS,SS) (GE:SO) (P: PSYC 1000 or 1060)
   Choose a history course (GE:SO)
   Choose a literature course (GE:HU)

2. Common core ........................................................................................................ 35-36 38-39 s.h.

   BIOL 1200, 1201. Principles of Biology and Laboratory II (3,1) (F,SS,SS) (GE:SC) (P/C for 1201: BIOL 1200)
   CHEM 1160, 1161. General Chemistry and Laboratory I (3,1) (F,SS,SS) (GE:SC) (P: CHEM 1150, 1151; C for 1160: CHEM 1161; C for 1161: CHEM 1160; RC: MATH 1083 or 1085)
   GEOG 1500. Dynamic Earth (3) (F,SS,SS) (GE:SC)
   GEOG 1501. Dynamic Earth Laboratory (1) (F,SS,SS) (GE:SC) (C: GEOG 1500)
   PHYS 1251, 1261. General Physics Laboratory (1,1) (F,SS,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350; C for 1261: PHYS 1260 or 2360)
   SCIE 3350, 3351. Descriptive Astronomy (4.0) (S)
   SCIE 3360, 3361. Physical Meteorology (4.0) (S) (P: CHEM 1150; MATH 1085; PHYS 1250, 1260)
   SCIE 3602. Investigations in Physical and Earth Science (4) (F,SS,SS)
   SCIE 3604. Investigations in Life and Environmental Science (4) (F,SS,SS)

   SCIE 4323. The Teaching of Science in High School (3) (WI) (F,S) (P: Admission to upper division)

   Choose 5-6 s.h. mathematics from one area as follows:

   Biology and Earth Science:
   MATH 1085. Pre-Calculus Mathematics (5) (F,SS,SS) (GE:MA) (P: MATH 1065 with a minimum grade of C) MATH 2121. Calculus for the Life Sciences I (3) (F,SS,SS) (GE:MA) (P: MATH 1065 or 1077 with a minimum grade of C) and MATH 2122. Calculus for the Life Sciences II (3) (F,SS,SS) (P: MATH 2121)

   Chemistry and Physics:
   MATH 2121. Calculus for the Life Sciences I (3) (F,SS,SS) (GE:MA) (P: MATH 1065 or 1077 with a minimum grade of C)
   MATH 2122. Calculus for the Life Sciences II (3) (F,SS,SS) (P: MATH 2121)

3. Teaching area concentration (Choose one from the following) ............................ 20-23 s.h.

   Biology (20 s.h.):
   BIOL 2110, 2111. Fundamentals of Microbiology (4.0) (F,S) (P: 4 s.h. in BIOL; 8 s.h. in CHEM)
   BIOL 2250. Ecology (3) (F,SS,SS) (P: BIOL 1100, 1101, 1200, 1201)
   BIOL 2251. Ecology Laboratory (1) (F,SS,SS) (P: BIOL 1100, 1101, 1200, 1201; C: BIOL 2250)
   BIOL 2300. Principles of Genetics (3) (F,SS,SS) (P: 2 BIOL courses)

   CHEM 2250, 2251. Quantitative and Instrumental Analysis (3,2) (WI) (F,S) (P: CHEM 1160, 1161; 1 organic CHEM course)
   CHEM 2750. Organic Chemistry I (3) (F,SS,SS) (P: CHEM 1160, 1161; C: CHEM 2753)
   CHEM 3450, 3451. Elementary Inorganic Chemistry and Laboratory (3,1) (WI) (S) (P: CHEM 2250, 2251)
   CHEM 3850, 3851. Introduction to Physical Chemistry (4.1) (WI) (F) (P: CHEM 1160, 1161; MATH 2122 or 2172; PHYS 1260)
   PHYS 1250, 1260. General Physics (3,3) (F,SS,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)

   Earth Science ................................................................. 22 s.h.

   GEOG 1550. Oceanography (4) (S) (GE:SC)
   GEOG 1600. Earth and Life Through Time (4) (S) (GE:SC)
   GEOG 1700. Environmental Geology (4) (S) (GE:SC)
   GEOG 3000, 3001. Mineralogy (4.0) (P: A 1000-level GEOG course; C: CHEM 1150, 1151)
   GEOG 3050, 3051. Mineralogy and Petrology I (4.0) (F) lecture and 3 lab hours per week. (P: A 1000-level GEOG course)

   PHYS 1250, 1260. General Physics (3,3) (F,SS,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)

   Physics ................................................................. 20 s.h.

   PHYS 2350, 2360. University Physics (4,4) (F,SS,SS) (GE:SC) (C: MATH 2121 or 2171; P for PHYS 2360: PHYS 2350)
   PHYS 4120. Thermodynamics (3) (S-OY) (P: PHYS 2360)
   PHYS 4310. Modern Optics (3) (F-EY) (P: PHYS 2360)
   PHYS 4416. Modern Physics I (3) (F) (P: PHYS 2360)
   PHYS 4417. Modern Physics II (3) (S) (P: PHYS 4416)

4. Professional studies ................................................................. 27 24-25 s.h.

   ENGL 4001. Technology in Education (2) (F,S) (P: Admission to upper division)
   EDUC 3000. Introduction to American Education (3) (WI*) (F,SS,SS) (P: Early experience course or consent of instructor)
   EDUC 4400. Foundations of School Learning, Motivation, and Assessment (3) (F,S) (P: Admission to upper division) or PSYC 4305. Educational Psychology (3) (F,SS,SS) (P: PSYC 2201 or 2240 or 3206 or 3240 or equivalent)
5. Electives to complete requirements for graduation.

Insert on p. 444 – 445 of 2004 – 2005 catalog:

SCIE: SCIENCE EDUCATION

2123. Early Experiences for the Prospective Teacher (1) (F, S)
For prospective teachers. Minimum of 16 hours of directed observations and planned participation in appropriate school environments and 8 hours of seminar class instruction in the teaching area. Introduction to teaching of science. 3100. Creativity and Inventiveness in Science (3) (S) Theories of creativity. Creation and/or invention of product or project unique to student’s academic major. Development and practice of creative abilities.

3350, 3351. Descriptive Astronomy (4,0) (F) 3 lecture and 3 lab hours per week. 3 hour lecture and 1 hour lab per week. Introduction to astronomy for prospective teachers, liberal arts majors, and others.

3360, 3361. Physical Meteorology (4,0) (S) 3 lecture and 3 lab hours per week. 22 hour lectures/labs per week. P: CHEM 1150; MATH 1085; PHYS 1250, 1280. Principles and concepts for understanding the atmosphere and various meteorological phenomena taking place in it. These phenomena are explained using basic principles or radiation, thermodynamics, statics, and buoyancy.

3602. Investigations in Physical and Earth Science for Elementary Majors (4) (F, S, SS) 1-hour lecture and 2-2 hour labs per week. 22-hour lectures/labs per week. Series of selected topics and investigations in the physical and earth sciences. Science concepts will be treated in depth, The role of the investigative approach will be emphasized.

3604. Investigations in Life and Environmental Science for Elementary Education Majors (4) (F, S, SS) 2 1-hour lectures and 2 2-hour labs per week. 22-hour lectures/labs per week. Students will complete units in the areas of life and environmental science that will help them develop skills in utilizing living organisms and the school yard environment in providing learning experiences for children.

4000. Biological Science Practicum for Secondary Teachers (1) (F, S, SS) 1 2-hour lab per week. P: Minimum of 16 s.h. of biology, earth science, or physical science. Aids in service and prospective science teachers.

4010. Earth Science Practicum for Secondary Teachers (1) 1 2-hour lab per week. P: Minimum of 16 s.h. of biology, earth science, or physical science. Aids in service and prospective science teachers.

4020. Physical Science Practicum for Secondary Teachers (1) 1 2-hour lab per week. P: Minimum of 16 s.h. of biology, earth science, or physical science. Aids in service and prospective science teachers.

4319. Teaching Science in the Middle Grades (3) 10 to 12 hours of field experience per week. P: Admission to upper division; EDUC 3200; MIGD 3010, 3022; SCIE 3602, 3604; or consent of instructor; C: MIGD 4001, 4010; ENED or HIED or MAIE or MIGD 4319. Methods and techniques of teaching biological, physical, and earth sciences.

4323. The Teaching of Science in High School (3) (W) (F, S) P: Admission to upper division. Methods and techniques of teaching biological, physical, and earth sciences.

4324. Internship in Science Education (10) (F, S) Full-time, semester-long internship. P: Admission to upper division; SCIE 4323; C: SCIE 4325. Internship under direction of master teacher and university supervisor in assigned school.


5000. Contemporary Approaches to Teaching Biological Science (3) P: BIOL 1100, 1101, 1200, 1201; or equivalent; minimum of 16 s.h. in BIOL. Effective teaching in biology using current curricula materials. Emphasis on investigative nature of biology.

5010. Applications of Microcomputers in Teaching Physical Science (3) 2 1-hour lectures and 1 2-hour lab per week. Use of microcomputer to assist in teaching physical science. Topics include operation of microcomputer, review and evaluation of available software, and computer techniques to illustrate physical science concepts.

5020. Applications of Microcomputers in Teaching Biological Science (3) Use of microcomputer to assist in teaching biological science. Topics include operation of microcomputer, review and evaluation of available software, and computer techniques to illustrate biological concepts.

5990. Apprenticeship Science (3) Direct supervision in lab procedures by members of science staff.
Professional Officer Course (POC). This program is primarily for cadets who have met all qualifications. It requires four semesters completion, for which 16 s.h. are allowed. Credits earned in this portion of the AERO curriculum may be applied toward other degree requirements as follows:

1. Students may substitute all AERO credits earned for free electives.
2. After AERO credits have been substituted for a minimum of one-half of the total number of free electives available to a student, he or she may substitute remaining credits for specific courses in his or her field of study upon approval of his or her advisor.
3. AERO courses may help satisfy the full-time student status requirements of the Veterans Administration (VA) for GI Bill Educational Benefits.

Cognate Minor for Professional Officer Course

The cognate minor for professional officer course requires 28 s.h. of credit as follows:

Required 3000- and 4000-level AERO courses, professional officer course (not including laboratories) ...........................................................................................................12 s.h.

Cognates (Choose a minimum of one from at least six of the following seven areas. The chairperson of the Department of Aerospace Studies may approve other courses from these areas.) ....... 16 s.h.

a. COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA)
COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
b. CSCI 2600. Introduction to Digital Computation (3) (S) (P: MATH 1065 or 1066)
DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
c. ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO)
d. ENGL 3510. Advanced Composition (3) (WI) (F,S,SS) (P: ENGL 1200)
ENGL 3980. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
e. GEOG 3003. Political Geography (3) (WI) (S) (GE:SO)
GEOG 3047. Western Europe (3) (S)
f. HIST 3121. American Military History to 1900 (3) (GE:SO)
HIST 3122. American Military History Since 1900 (3) (GE:SO)
HIST 5470. History of Soviet Russia Since 1917 (3)
g. POLS 3144. American Foreign Policy (3) (S) (RP: POLS 2020)
POLS 3253. Government Fiscal Administration (3) (S) (RP: POLS 1010)
POLS 3293. International Organizations (3)
POLS 4380. Topics in International Politics (3) (F) (P: POLS 2020 or consent of instructor)

Professional Officer Course (POC)

Consent of department chair is a prerequisite for all courses in the POC numbered above 2999.

MILITARY PROGRAMS

subsistence allowance from the ROTC advanced course. In addition, they receive $1,000 per year tuition assistance from the North Carolina National Guard. They serve as officer trainees in their guard or reserve units under the close supervision of a commissioned officer.

Professional Military Education (PME) Requirements

The professional education component, required for a commission, comprises a baccalaureate degree and at least one undergraduate history course. Students must also complete the Enhanced Skills Training Program (ESTP) within the Department of Military Science.

Military History:
HIST 3121. American Military History to 1900 (3) (F)
HIST 3122. American Military History Since 1900 (3) (S)

Minor in Military Science

The minor in military science requires 28 s.h. of credit as follows:

1. Required courses in military science at the 3000 and 4000 levels, advanced courses ...............16 s.h.
2. Cognates (Choose from the areas listed below. The chairperson of the Department of Military Science may approve other courses for the area.) .................................................................12 s.h.
Choose one from each of the following areas:

Human Behavior:
ANTH 1000. Introduction to Anthropology (3) (F,S,SS) (GE:SO)
PHIL 1175. Introduction to Ethics (3) (WI*) (F,S,SS) (GE:HU)
PSYC 3221. Social Psychology (3) (F,S,SS) (GE:SO)
PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO)
SOC 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

Military History:
HIST 3122. American Military History Since 1900 (3) (GE:SO) or HIST 3121. American Military History to
1900 (3) (GE:SO)

**Written Communication Skills:**
- ENGL 3810. Advanced Composition (3) (WI) (F,S,SS) (P: ENGL 1200)
- ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
- ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)

**Choose one from either area:**

**Management:**
- ACCT 2401. Financial Accounting (3) (F,S,SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2117)
- DSCI OMGT 3223. Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in DSCI MIS 2223; MATH 1066, or 2119 or 2121 or 2171; 2283)
- ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
- MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
- MGMT 3202. Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)

**National Security Studies:**
- POLS 2020. Introduction to International Relations (3) (F,S,SS) (GE:SO)
- POLS 3253. Government Fiscal Administration (3) (S) (RP: POLS 1010)
- POLS 4380. Topics in International Politics (3) (F) (P: POLS 2020 or consent of instructor)

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**DEPARTMENT OF BIOLOGY**

- BIOL 5520, 5521. Scanning Electron Microscopy and X-Ray Analysis (2,0) (F,SS) (P: Senior standing as BIOL major or consent of instructor)
- BIOL 5800, 5810. Principles of Biochemistry I, II (3,3) (F,S) (P: CHEM 2760, 2763, BIOL 3310, 3311)
- BIOL 5821. Principles of Biochemistry Laboratory (1) (F,S) (P/C: BIOL 5800 or 5810)
- BIOL 5870. Molecular Genetics (3) (F) (P: BIOL 2300; RP: BIOL 3220, 3221, 5810)
- BIOL 5890. Virology (3) (S,SS) (P: BIOL 3220, 3221; or consent of instructor)
- BIOL 5900, 5901. Biotechniques and Laboratory (2,3) (S) (P: BIOL 3100, 3101, 5870; consent of instructor; RP: BIOL 5810)

**Physiology, Anatomy, and Cell Biology:**
- BIOL 3220, 3221. Microbiology (4,0) (F) (P: BIOL 1200, 1201; 1 organic CHEM course)
- BIOL 3310, 3311. Cellular Physiology (4,0) (F,S,SS) (P: 1 organic CHEM or biochemistry course)
- BIOL 3320. Principles of Animal Physiology (3) (F,S,SS) (P: 2000-level organic CHEM or biochemistry course)
- BIOL 3321. Principles of Animal Physiology Laboratory (1) (F,S,SS) (C: BIOL 3320)
- BIOL 4040. Human Genetics (3) (S) (P: BIOL 2300)
- BIOL 4050, 4051. Comparative Anatomy (4,0) (F) (P: 6 s.h. in BIOL)
- BIOL 4060, 4061. Embryology (4,0) (F) (P: BIOL 2300)
- BIOL 4480, 4481. Cytology (2,2) (F) (P: BIOL 3310, 3311; P/C: BIOL 4480 for BIOL 4481)
- BIOL 4504, 4514. Research Problems in Biology (2,2) (WI, WI) (F,S,SS) (P: Consent of instructor)
- BIOL 5190. Immunology (3) (F) (P: BIOL 2300, 3220, 3221)
- BIOL 5450, 5451. Histology (4,0) (F) (P: 4 BIOL courses)
- BIOL 5630, 5631. Comparative Animal Physiology (4,0) (S) (P: 2 BIOL and 2 organic CHEM courses)
- BIOL 5870. Molecular Genetics (3) (P: BIOL 2300; RP: BIOL 3220, 3221, 5810)

4. Cognates.......................................................................................................................... 22 s.h.
- CHEM 2750. Organic Chemistry I (3) (F,S,SS) (P: CHEM 1160, 1161; C: CHEM 2753)
- CHEM 2753. Organic Chemistry Laboratory I (1) (F,S,SS) (C: CHEM 2750)
- CHEM 2760. Organic Chemistry II (3) (F,S,SS) (P: CHEM 2750; C: CHEM 2763)
- CHEM 2763. Organic Chemistry Laboratory II (1) (F,S,SS) (P: CHEM 2750, 2753; C: CHEM 2760)
- MATH 2121. Calculus for the Life Sciences I (3) (F,S,SS) (GE:MA) (P: MATH 1065 or 1077 with a minimum grade of C)
- MATH 2122. Calculus for the Life Sciences II (3) (F,S,SS) (P: MATH 2121)
- PHYS 1250, 1260. General Physics (3,3) (F,S,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)
- PHYS 1251, 1261. General Physics Laboratory (1,1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350; C for 1261: 1260 or 2260)

5. Research skills (Choose one area)...................................................................................... 8-9 s.h.

 Students contemplating graduate school should consider admission requirements before selecting a research skills area.

a. Foreign language through level 1003.

b. Quantitative and Communication Skills (1 course each in scientific writing, statistics, and computer programming.)

Recommended courses:
- ENGL 3820. Scientific Writing (3) (WI) (F,S,SS) (P: ENGL 1200) or ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200) or a course in scientific writing
- MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (P: MATH 1065 or equivalent)

2223. Introduction to Computers (3) (F,S,SS) or CSCI 2510. Introduction to Computer Science I (3) (F,S,SS) (P: MATH 1065 or 1066) or ACCT 2401. Financial Accounting (3) (F,S,SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)

- MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (P: MATH 1065 or equivalent)

DSCI MIS 2223. Introduction to Computers (3) (F,S,SS) or CSCI 2510. Introduction to Computer Science I (3) (F,S,SS) (P: MATH 1065 or 1066)

6. Electives to complete requirements for graduation.
SECTION 7: ACADEMIC PROGRAMS

Chemistry Honors Program

The Department of Chemistry Honors Program provides an opportunity for outstanding chemistry majors to do intensive study and research in areas of special interest. A student desiring to enter the honors program must be a junior or senior majoring in chemistry and possess a minimum GPA of 3.2 in all courses taken at East Carolina University as well as in all chemistry and cognate courses. Before participating in the honors program, students must notify the Director of Undergraduate Studies in chemistry and select a project supervisor from the chemistry faculty. Program participants are expected to select a topic of mutual interest to both the student and project supervisor, research the topic through the scientific literature, and then conduct independent research on the topic. Upon completion of the research, the student must submit a detailed written research report and make an oral presentation on the honors project. Course requirements: CHEM 4103; a minimum of 5 s.h. research and/or independent study from: CHEM 4505, 4506, 4507, 4515, 4516, 4517.

Bachelor of Science and Accelerated MS in Chemistry

Students working toward a BS degree in chemistry have the opportunity to earn an MS degree in two or three additional semesters of study. These students are encouraged to begin research projects as undergraduates and take advanced classes that can be used to waive some MS course requirements. As seniors they may be granted early admission to the MS program and would be eligible to receive paid teaching assistantships. To be enrolled in the MS program as a senior, a student must be within 6 s.h. credit of completing all undergraduate degree requirements. Applications to the MS program should be submitted during the first semester of the senior year and must include GRE scores.

DEPARTMENT OF ECONOMICS

Richard E. Ericson, Chairperson, A-428 Brower Building

BA in Economics

Economics majors are required to earn a minimum grade of C in each of the following courses: ECON 2113, 2133, 3144, 3244.

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below................................................................. 42 s.h.
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)

2. Foreign language through level 1004 ........................................................................................................ 12 s.h.

3. Core ........................................................................................................................................... 33 s.h.
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)
   ECON 3144. Intermediate Microeconomics (3) (F,S) (GE:SO) (P: ECON 2113)
   ECON 3244. Intermediate Macroeconomics (3) (F,S) (GE:SO) (P: ECON 2133)
   Choose an additional 21 s.h. above 2999, including a minimum of 6 s.h. above 3999

4. Cognates..................................................................................................................................... 9 s.h.
   DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
   ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
   MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)

5. Minor, chosen with approval of adviser, and general electives to complete requirements for graduation.

BS in Economics

Economics majors are required to earn a minimum grade of C in each of the following courses: ECON 2113, 2133, 3144, 3244.

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below................................................................. 42 s.h.
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)

2. Common Core ............................................................................................................................ 45-48 s.h.
   ACCT 2401. Financial Accounting (3) (F,S,SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2121)
   ACCT 2521. Managerial Accounting (3) (F,S,SS) (P: ACCT 2401)
   DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)
   ECON 3144. Intermediate Microeconomics (3) (F,S) (GE:SO) (P: ECON 2113)
   ECON 3244. Intermediate Macroeconomics (3) (F,S) (GE:SO) (P: ECON 2133)
   ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
   MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
   Choose additional electives as follows:
   Applied Economics: An additional 18 s.h. of ECON above 2999, including at least 6 s.h. above 3999
   Quantitative: An additional 21 s.h. of ECON above 2999, including at least 6 s.h. above 3999
   3. Concentration area (Choose one.) ......................................................................................... 15-20 s.h.
Applied Economics:
COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
ECON 3343. Econometrics (3) (F,S) (GE:SO) (P: DSCI MIS 2223 or CSCI 2600; ECON 2133; MATH 2283)
FINA 2244. Legal Environment of Business (3) (F,S,SS)
FINA 3724. Financial Management (3) (F,S,SS) (P: ECON 2113; MATH 2283; C: ACCT 2521 or 3551)
MATH 2119. Elements of Calculus (3) (F,S,SS) (GE:MA) (P: MATH 1065 with a minimum grade of C)

Quantitative:
MATH 1085. Pre-Calculus Mathematics (5) (F,S,SS) (GE:MA) (P: MATH 1065 with a minimum grade of C)
MATH 2171. Calculus I (4) (F,S,SS) (GE:MA) (P: MATH 1083 or 1085 or 2122 with a minimum grade of C)
MATH 2172. Calculus II (4) (F,S,SS) (GE:MA) (P: MATH 2122 with a minimum grade of C or MATH 2171)
MATH 2173. Calculus III (4) (F,S,SS) (GE:MA) (P: MATH 2172)
MATH 3256. Linear Algebra (3) (F,S,SS) (P: MATH 2172) or MATH 3307. Mathematical Statistics I (3) (F,S,SS) (P: MATH 2172) or ECON 3343. Econometrics (3) (F,S) (GE:SO) (P: DSCI MIS 2223 or CSCI 2600; ECON 2133; MATH 2283)

4. Electives, or optional minor and electives, to complete requirements for graduation. (Grades in required cognate courses will be used in computing the GPA in the major even in those cases in which the same courses are a part of the minor.)

Economics Minor

Minimum requirement for economics minor is 24 s.h. of credit as follows:

1. Core .................................................................................................................................12 s.h.
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)
   ECON 3144. Intermediate Microeconomics (3) (F,S) (GE:SO) (P: ECON 2113)
   ECON 3244. Intermediate Macroeconomics (3) (F,S) (GE:SO) (P: ECON 2133)

2. General electives above 2999 ......................................................................................12 s.h.

Ronald L. Mitchelson, Chairperson, A-227 Brewster Building

BA in Geography

Students must complete a minimum of 21 s.h. in geography above 2999. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) .................................................................................................................. 42 s.h.

2. Foreign language through level 1004 ............................................................................12 s.h.

3. Common core .............................................................................................................13 s.h.
   GEOG 2400. Spatial Data Analysis (3) (F, S)
   GEOG 4999. Geography Professional Seminar (1) (P: Consent of instructor)
   Choose 9 s.h. electives from:
   GEOG 3410. Fundamentals of GIS (3) (F, S)
   GEOG 3420. Remote Sensing of the Environment I (3) (F) (P: GEOG 3410 or equivalent)
   GEOG 3430. Geographic Information Systems I (3) (F,S) (P: GEOG 3410 or equivalent)
   GEOG 3450. Introduction to the Global Positioning System (3) (S) (P: GEOG 3410 or equivalent)
   GEOG 3460. GIS Applications Programming (3) (F) (P: GEOG 3410; CSCI 1610 or DSCI MIS 2223 or ASIP 2212 or consent of instructor)
   GEOG 4410. Advanced Cartographic Design and Production (3) (F,S) (P: GEOG 3410 or equivalent experience)
   GEOG 4420. Remote Sensing II (3) (P: GEOG 3420 or consent of instructor)
   GEOG 4430. Geographic Information Systems II (3) (P: GEOG 3430 or consent of instructor)
   GEOG 4491, 4492, 4493. Supervised Study in Geographic Techniques (1,2,3) (F,S,SS)
   GEOG 4801, 4802, 4803. Geographic Internship (1,2,3) (F,S,SS) (P: Consent of GEOG Internship director the semester prior to the internship.)
   GEOG 4901. Senior Honors Thesis (3) (F,S) (P: GEOG 4900 with a grade of B or higher)
   GEOG 5491, 5492, 5493. Seminar in Geographic Techniques (1,2,3) (P: Consent of instructor)
   May choose any GEOG course listed below that is not being counted toward the degree.

4. Concentration area (Choose 15 s.h. in one area, 6 s.h. in the other area.) ..................21 s.h.
   Human:
   GEOG 2003. Economic Geography (3) (WI) (F,S) (GE:SO)
   GEOG 2019. Geography of Recreation (3) (F) (GE:SO)
   GEOG 2100. World Geography: Developed Regions (3) (F, S, SS) (GE:SO)
   GEOG 2110. World Geography: Less Developed Regions (3) (F, S, SS) (GE:SO)
   GEOG 3001. Historical Geography of the United States (3)
   GEOG 3003. Political Geography (3) (WI) (S) (GE:SO)
   GEOG 3004. Urban Geography (3) (F)
   GEOG 3049. Latin America (3) (WI) (GE:SO)
   GEOG 3050. Africa (3) (WI) (S) (GE:SO)
   GEOG 3051. Asia (3) (S) (GE:SO)
   GEOG 3055. North Carolina (3) (F) (GE:SO)
GEOG 3056. Middle America (3) (GE:SO)
GEOG 4140. Research Methods in Human Geography (3) (S)
GEOG 4310. Geography of Transportation and Trade (3) (S) (P: GEOG 2003)
GEOG 4315. Geographic Images (3) (F) (GE:SO)
GEOG 4320. Gender, Economy, and Development (3) (S)
GEOG 4325. Resources, Population, and Development (3) (WI) (GE:SO) (P: GEOG 2003 or consent of instructor)
GEOG 4330. Agricultural Geography (3) (F) (GE:SO)
GEOG 4335. Geography of Tourism (3) (S) (GE:SO)
GEOG 4340. Introduction to Medical Geography (3) (S) (P: GEOG 3410 or Consent of Instructor) *

SECTION 7: ACADEMIC PROGRAMS

GEOG 4345. Human Migration and Global Restructuring (3) (F) (GE:SO)
GEOG 4391, 4392, 4393. Supervised Study in Human Geography (1,2,3) (F,S,SS) (P: Consent of instructor)
GEOG 4900. Honors Research (3) (F,S) (P: Admission to GEOG honors program)
GEOG 5391, 5392, 5393. Seminar in Human Geography (1,2,3) (P: Consent of instructor)

Physical: (If concentration area, a minimum of 3 s.h. must be above 3999.)
GEOG 2200. Weather and Climate (3) (F,S)
GEOG 2250. Earth Surface Systems (3) (F)
GEOG 3220. Soil Properties, Surveys, and Applications (3) (F) (P: GEOG 2250)
GEOG 3230. Global Climates (3) (S) (P: GEOG 2200)
GEOG 3250. Environmental Hazards (3) (F) (P: GEOG 2200 or 2250)
GEOG 3510. Physical Meteorology (3) (F) (P: GEOG 2200 or consent of instructor)
GEOG 3520. Dynamic Meteorology (3) (S) (P: GEOG 2200 or consent of instructor)
GEOG 4210. Fluid and Hydrological Processes (3) (S) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 4220. Coastal Geography (3) (WI) (S) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 4230. Earth Surface Processes (3) (WI) (F) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 4291, 4292, 4293. Supervised Study in Physical Geography (1,2,3) (F,S,SS) (P: Consent of instructor)
GEOG 4510. Meteorological Instruments and Observation (3) (F) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 4520. Boundary Layer Meteorology (3) (S) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 4530. Micrometeorology (3) (F) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 4540. Coastal Storms (3) (F) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 4900. Honors Research (3) (F,S) (P: Admission to GEOG honors program)
GEOG 5220. Physical Geography Field Experience (3) (P: GEOG 2200, 2250; or consent of instructor)
GEOG 5281, 5282, 5283. Selected Topic in Physical Geography (1,2,3) (P: Consent of instructor)

4. Minor and general electives to complete requirements for graduation.

BS in Applied Geography

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below................................................................. 42 s.h.
   COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)

2. Core courses: a minimum of 27 s.h. in geography above 2999, including a maximum of 3 s.h. of supervised study in each of the categories below)................................................................. 43 s.h.
   ENGL 3820. Scientific Writing (3) (WI) (F,S,SS) (P: ENGL 1200) or ENGL 3860. Introduction to Nonfiction Writing (3) (WI) (F,S) (P: ENGL 1200) or ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
   or ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
   GEOG 2400. Spatial Data Analysis (3) (F,S)
   GEOG 3410. Fundamentals of GIS (3) (F,S)
   GEOG 4801, 4802, 4803. Geography Internship (1,2,3) (F,S,SS) (P: Consent of GEOG internship director semester prior to internship)
   GEOG 4999. Geography Professional Seminar (1) (P: Consent of instructor)

Geographic Information Science (Choose 9 s.h. from the following):
   GEOG 3420. Remote Sensing of the Environment I (3) (F) (P: GEOG 3410 or equivalent)
   GEOG 3430. Geographic Information Systems I (3) (F,S) (P: GEOG 3410 or equivalent)
   GEOG 3450. Introduction to the Global Positioning System (3) (S) (P: GEOG 3410 or equivalent)
   GEOG 3460. GIS Applications Programming (3) (F) (P: GEOG 3410; ASIP 2212 or CSCI 1610 or DSCI MIS 2223 or consent of instructor)
   GEOG 4410. Advanced Cartographic Design and Production (3) (F,S) (P: GEOG 3410 or equivalent experience)
   GEOG 4420. Remote Sensing II (3) (S) (P: GEOG 3420 or consent of instructor)
   GEOG 4430. Geographic Information Systems II (3) (P: GEOG 3430 or consent of instructor)

remain in the program and receive the GIS certificate. The certificate requires a minimum of 15 s.h. as follows:
1. Core ........................................................................................................................................12 s.h.
GEOG 3410. Fundamentals of GIS (3) (F,S)
GEOG 3420. Remote Sensing of the Environment I (3) (F) (P: GEOG 3410 or equivalent)
GEOG 3430. Geographic Information Systems I (3) (F,S) (P: GEOG 3410 or equivalent)
GEOG 3450. Introduction to the Global Positioning System (3) (S) (P: GEOG 3410 or equivalent)

2. Electives (Choose from the following.) ..................................................................................... 3 s.h.
GEOG 3460. GIS Applications Programming (3) (F) (P: GEOG 3410; ASIP 2212 or CSCI 1610 or DSCI MIS 2223 or consent of instructor)
GEOG 4410. Advanced Cartographic Design and Production (3) (F,S) (P: GEOG 3410 or equivalent)
GEOG 4420. Remote Sensing II (3) (S) (P: GEOG 3420 or consent of instructor)
GEOG 4430. Geographic Information Systems II (3) (S) (P: GEOG 3430 or consent of instructor)
PLAN 3051. Introduction to GIS in Planning (3) (F,S) (P: GEOG 3410 or consent of instructor)

DEPARTMENT OF GEOLOGY

Stephen J. Culver, Chairperson, 101 Graham Bui di ing

BS in Geology

Geology majors have the opportunity to specialize in one of three concentration areas: coastal and marine, environmental, or general geology. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) ................................................................. 42 s.h.

2. Core ........................................................................................................................................ 39 s.h.
GEOL 1500. Dynamic Earth (3) (F,S,SS) (GE:SC) and GEOL 1501. Dynamic Earth Laboratory (1) (F,S,SS) (GE:SC); or GEOL 1550. Oceanography (4) (F,S) (GE:SC); or GEOL 1700. Environmental Geology (4) (F,S) (GE:SC)
GEOL 1600. Earth and Life Through Time (4) (F,S) (GE:SC)
GEOL 3050, 3051. Mineralogy and Petrology I (4,0) (F) (P: A 1000-level GEOL course)
GEOL 3150, 3151. Mineralogy and Petrology II (4,0) (S) (P: GEOL 3050, 3051; P/C: CHEM 1150, 1151)
GEOL 3200, 3201. Introduction to Field Methods (2,0) (S) (P: GEOL 1600)
GEOL 3300, 3301. Structural Geology (4,0) (F) (P: GEOL 3200, 3201)
GEOL 4000. Summer Field Course in Geology (6) (SS) (P: GEOL 3100, 3101, 3300, 3301)
GEOL 4010, 4011. Sedimentology (4,0) (WI) (F) (P: GEOL 1600, 3100, 3101)
GEOL 4020, 4021. Stratigraphy (3,0) (WI) (S) (P: GEOL 1600)
GEOL 4200, 4201. Paleontology (4,0) (4200:WI) (S) (P: GEOL 1600)

3. Concentration areas (Choose one.) ......................................................................................... 7 s.h.
Coastal and Marine Geology (Choose 7 s.h. from the following):
GEOL 1550. Oceanography (4) (F,S) (GE:SC)
GEOL 5300. Geology of Coastal Processes and Environments (3) (P: GEOL 1550, 4010, 4011; or consent of instructor)
GEOL 5350. Marine Geology (3) (P: GEOL 1550, 4010, 4011; or consent of instructor)

Environmental Geology (Choose 7 s.h. from the following):
GEOL 1700. Environmental Geology (4) (F,S) (GE:SC)
GEOL 5150. The Geologic Component of Environmental Science (3) (P: Introductory GEOL course or consent of instructor)
GEOL 5450. Introduction to Aqueous Geochemistry (3) (P: CHEM 1150, 1151, 1160, 1161)
GEOL 5710, 5711. Ground-Water Hydrology (3,0) (P: GEOL 1500, 1501; or consent of instructor)

General Geology:
Choose 7 s.h. from any combination of GEOL courses

Choose 9 s.h. of MATH electives numbered above 2999, excluding MATH 3229, 3237, 3239, and excluding cognates listed below.
Cognates (18 s.h.):
CSCI 5774. Programming for Research (3) (F,S) (P: General course in statistics or consent of instructor)
MATH 3308. Mathematical Statistics II (3) (F) (P: MATH 3307)
MATH 5031. Applied Statistical Analysis (3) (WI) (P: MATH 2228 or 3308; 3584; or equivalent)
MATH 5801. Probability Theory (3) (P: MATH 2173 or 3307)

Choose 6 s.h. from:
BIOS 3501. Experimental Design I (3) (P: Consent of instructor)
BIOS 4371, 4372, 4373, Statistical Consulting I, II, III (1,1,1) (P: BIOS 3501 or equivalent or consent of instructor)
BIOS 5450. Applied Multivariate Analysis (3) (P: BIOS 3501; MATH 3256; or equivalent or consent of instructor)
BIOS 5500. Nonparametric Statistical Methods (3) (P: BIOS 3501 or consent of instructor)
DSCI OMGT 4493. Statistical Quality Control (3) (F) (P: MATH 2228 or 2283 or equivalent)
ECON 3343. Econometrics (3) (F,S) (GE:SO) (P: DSCI MIS 2223 or CSCI 2600; ECON 2133; MATH 2283)
ECON 4430. Business Cycles and Forecasting (3) (P: ECON 3244, 3343; or consent of instructor)
MATH 4201. Introduction to Stochastic Processes (3) (S) (P: MATH 3307 or equivalent or consent of instructor)
MATH 5000. Introduction to Sampling Design (3) (P: MATH 3308 or 3229 or consent of instructor)
MATH 5132. Probabilistic Methods in Operations Research (3) (P: MATH 2173, 3256, 3307; or 5801)

5. Electives to complete requirements for graduation.

BS in Mathematics

Credit toward a mathematics major will not be given in any MATH course or in CSCI 2510 with a grade less than C.

https://author.ecu.edu/cs-acad/fsonline/cu/cu2_052.cfm
Minimum degree requirement is 126 s.h. of credit as follows:

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs) ........................................................................................................................................ 42 s.h.

2. Common mathematics core ........................................................................................................................................ 33 s.h.

   MATH 2171, 2172, 2173. Calculus I, II, III (4,4,4) (F,S,SS) (GE:MA) (P for 2171: MATH 1083 or 1085 or 2122 with minimum grade of C; P for 2172: MATH 2171 or 2122 with consent of instructor; P for 2173: MATH 2122)

   MATH 3256. Linear Algebra (3) (F,S,SS) (P: MATH 2172)

   MATH 3263. Introduction to Modern Algebra (3) (W) (F,S) (P: MATH 3256)

   MATH 3307. Mathematical Statistics I (3) (F,S) (P: MATH 2172)

   MATH 3308. Mathematical Statistics II (3) (F) (P: MATH 3307)

   MATH 4101. Advanced Calculus I (3) (P: MATH 2173 or consent of instructor)

   MATH 4331. Introduction to Ordinary Differential Equations (3) (F,S) (P: MATH 2173)

   CSCI 2510. Introduction to Computer Science I (3) (F,S,SS) (P: MATH 1065 or 1066)

3. Concentration area (Choose one area) .................................................................................................................. 16-27 s.h.

   Mathematics (27-33 s.h.):

   MATH 4110. Elementary Complex Variables (3) (S) (P: MATH 2173)

   Minor (24-30 s.h.)

   Science (27-28 s.h.):

   CHEM 1150, 1151. General Chemistry and Laboratory I (3,1) (F,S,SS) (GE:SC) (P: chemistry placement test or passing grade in CHEM 1050; P/C: MATH 1065; C for 1150: CHEM 1151; C for 1151: CHEM 1150)

   CHEM 1160, 1161. General Chemistry and Laboratory II (3,1) (F,S,SS) (GE:SC) (P: CHEM 1150, 1151; C for 1160, 1161; C for 1161: CHEM 1160; R/C: MATH 1083 or 1085)

   MATH 4110. Elementary Complex Variables (3) (S) (P: MATH 2173)

   PHYS 2350, 2360. University Physics (4,4) (F,S,SS) (GE:SC) (C: MATH 2121 or 2171; P for PHYS 2360: PHYS 2350)

   Choose one of the following:

   BIOL 1100, 1101. Principles of Biology I (4,0) (F,S,SS) (GE:SC) and BIOL 1200, 1201. Principles of Biology II (4,0) (F,S,SS) (GE:SC)

   A combination of any 3 courses numbered above 1999 in Chemistry or numbered above 399 in Physics.

   Statistics (21 s.h.):

   ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)

   MATH 4031. Applied Statistical Analysis (3) (WI) (P: MATH 2228 or 2283 or 3308; MATH 3256 or MATH/CSCI 3584; or equivalent; or consent of instructor)

   MATH 4201. Introduction to Stochastic Processes (3) (P: MATH 3307 or equivalent or consent of instructor) or MATH 5000. Introduction to Sampling Design (3) (F) (P: MATH 3308 or 3229 or consent of instructor)

   MATH 4774. Programming for Research (3) (P: MATH 2228 or MATH 2283 or equivalent)

   MATH 4801. Probability Theory (3) (P: MATH 2173 or 3307)

   MATH 4999. Capstone and Statistical Consulting (3) (P: MATH 4031)

   PHIL 2274. Business Ethics (3) (F,S,SS) (GE:HU)

   Computer Science (16 s.h.):

   CSCI 2610, 2611. Introduction to computer Science II and Laboratory (4,0) (F,S,SS) (P: CSCI 2510; C for 2610: CSCI 2611; C for 2611: CSCI 2610)

   CSCI 3510. Data Structures (3) (F,S,SS) (P: CSCI 2610; P/C: MATH 2427)

   CSCI 3601. Computer Organization and Programming (3) (F,S) (P: CSCI 3510 or 3527)

   CSCI 3650. Analysis of Algorithms (3) (S,SS) (P: CSCI 3510; MATH 2427)

   MATH 4110. Elementary Complex Variables (3) (S) (P: MATH 2173)

4. Specified electives:

   Mathematics (9 s.h.):

   Choose 9 additional s.h. in consultation with advisor from MATH 3174, 3233, 3573, 4201, 4264, 4801, 5000, 5002, 5021, 5102, 5121, 5122, 5131, 5132, 5311, 5322, or 5551.

   Science (3 s.h.):

   Choose 3 additional s.h. in consultation with advisor from MATH 3174, 3233, 3573, 4201, 4264, 4801, 5000, 5002, 5021, 5102, 5121, 5122, 5131, 5132, 5311, 5322, or 5551.

   Statistics (9 s.h.):

   Choose 3 additional s.h. from MATH 4201, 5000, 5132; BIOS 3501, 5450, 5500; DSCI, OMG, 4493; ECON 3343, 4430.

   Choose 6 additional s.h. from MATH 3174, 3233, 3573, 4110, 4264, 5002, 5021, 5102, 5121, 5122, 5131, 5132, 5311, 5322 or 5551.

   Computer Science (12 s.h.):

   Choose 3 s.h. from MATH 3174, 3233, 3573, 4201, 4264, 4801, 5000, 5002, 5021, 5102, 5121, 5122, 5131, 5132, 5311, 5322 or 5551.

   Choose 9 s.h. of CSCI electives numbered above 1999, excluding 2510, 2610, 2611, 3510, 3584, 3601, 3650.

6. Electives to complete requirements for graduation.

   Mathematics Minor

   Minimum requirement for mathematics minor is 24 s.h. of credit as follows:

   1. Core .................................................................................................................................................................. 18 s.h.

      MATH 2171. Calculus I (4) (F,S,SS) (GE:MA) (P: MATH 1083 or 1085 or 2122 with minimum grade of C)

      MATH 2172. Calculus II (4) (F,S,SS) (GE:MA) (P: MATH 2122 with a minimum grade of C or MATH 2171)

      MATH 2173. Calculus III (4) (F,S,SS) (GE:MA) (P: MATH 2172)

      MATH 3256. Linear Algebra (3) (F,S,SS) (P: MATH 2172)

      MATH 3263. Introduction to Modern Algebra (3) (W) (F,S) (P: MATH 3256) or MATH 5101. Advanced Calculus I (3) (F) (P: MATH 2173 or consent of instructor)

   2. Electives acceptable for a major in mathematics ......................................................................................... 6 s.h.

   Statistics Minor

   (Not open to majors in Mathematics)
Minimum requirement for statistics minor is 26 s.h. of credit as follows:

1. Core ........................................................................................................................................ 23 s.h.
   CSCI 5774. Programming for Research (3) (P: General course in statistics or consent of instructor)
   MATH 2171. Calculus I (4) (F,S,SS) (GE:MA) (P: MATH 1083 or 1085 or 2122 with minimum grade of C)

SECTION 7: ACADEMIC PROGRAMS

   MATH 2172. Calculus II (4) (F,S,SS) (GE:MA) (P: MATH 2122 with a minimum grade of C or MATH 2171)
   MATH 3256. Linear Algebra (3) (F,S,SS) (P: MATH 2172)
   MATH 3307. Mathematical Statistics I (3) (F,S) (P: MATH 2172)
   MATH 3308. Mathematical Statistics II (3) (F) (P: MATH 3307)
   MATH 5031. Applied Statistical Analysis (3) (WI) (P: MATH 2228 or 3308; 3584; or equivalent)

2. Electives (Choose from the following) .................................................................................. 3 s.h.
   BIOC 3501. Experimental Design I (3) (P: Consent of instructor)
   BIOC 4371, 4372, 4373. Statistical Consulting I, II, III (1,1,1) (P: BIOC 3501 or equivalent or consent of instructor)
   BIOC 5450. Applied Multivariate Analysis (3) (P: BIOC 3501; MATH 3256; or equivalent or consent of instructor)
   BIOC 5501. Nonparametric Statistical Methods (3) (P: BIOC 3501 or consent of instructor)
   DSCI 4593. Business Cycles and Forecasting (3) (GE:SO) (P: ECON 3244, 3343; or consent of instructor)
   ECON 3343. Econometrics (3) (F,S) (GE:SO) (P: DSCI MIS 2223 or CSCI 2600; ECON 2133; MATH 2283)
   MATH 4201. Introduction to Stochastic Processes (3) (S) (P: MATH 3307 or equivalent or consent of instructor)
   MATH 5000. Introduction to Sampling Design (3) (P: MATH 3308 or 3229 or consent of instructor)
   MATH 5132. Probabilistic Methods in Operations Research (3) (P: MATH 2173, 3256, 3307; or 5801)
   MATH 5801. Probability Theory (3) (P: MATH 2173 or 3307)

Mathematics Honors Program

The mathematics honors program is open to students with exceptional mathematical ability who have completed MATH 2173. Acceptance in the program entitles the student to register for MATH 3550, 3551, 4550, 4551.

DEPARTMENT OF PHILOSOPHY

George Bailey, Chairperson, A-327 Brewster Building

BA in Philosophy

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) ................................................................. 42 s.h.
2. Foreign language through level 1004 ..................................................................................... 12 s.h.
3. Core ........................................................................................................................................ 30 s.h.

Choose a minimum of 12 s.h. of PHIL above 2999

The department encourages majors to enroll in junior-senior courses as soon as they are eligible.

4. Minor and electives to complete requirements for graduation.

Philosophy Minor

The philosophy minor requires 24 s.h. credit. While there are no required courses, a minimum of 9 s.h. of the 24 s.h. must be above PHIL 2999.

Philosophy Honors Program

The purpose of junior-senior honors in philosophy is to encourage independent research and scholarship and to give students an opportunity to better prepare themselves for graduate study. Under the direction of one member of the department, a student enrolled in this program (PHIL 3550, 4550) carries on studies (as based on a reading list), prepares for a comprehensive examination at the end of the junior year, and writes a thesis during the first semester of the senior year. Students who have an interest in this program should come to the departmental office in A-327 Brewster Building for details.

SECTION 7: ACADEMIC PROGRAMS

3. Minor or concentration area .................................................................................................. 24 s.h.

   Students may elect to take a minor in another discipline or one of the four areas of concentration listed below. The minor or area of concentration is to be a program of study appropriate for applied sociology and the long-term objectives of the student. A course cannot simultaneously count for the area of concentration and for the required sociology, cognate, or general education courses.

   Applied Social Research:
   SOCI 4200. Advanced Techniques in Quantitative Sociology (3) (P: DSCI MIS 2223; SOCI 3213)
   SOCI 4201. Advanced Techniques in Applied Research (3) (P: SOCI 3216)

   Choose one from:
   SOCI 3215. Introduction to Qualitative Sociology (3) (P: SOCI 2110 or consent of instructor)
   SOCI 4202. Special Topics in Applied Social Research (3) (P: SOCI 2110; a statistics or research design course)
SOCI 4950. Practicum in Sociology (3) (F,S) (P: SOCI major; 27 s.h. in SOCI with a minimum grade of C in each course; consent of dept chair, practicum coordinator, and faculty member who will supervise the practicum)

Choose 15 s.h., including at least two disciplines other than sociology from:
ANTH 3350. Ethnographic Field Methods (3) (S) (P: ANTH 1000 or consent of instructor)
COMM 2030. Communication Research (3) (F,S) (P: COMM 1001, 1002)
COMM 3110. Persuasion Theories (3) (P: COMM 1001, 1002)
COMM 3180. Intercultural Communication (3) (P: COMM 1001, 1002)
ECON 2113. Principles of Microeconomics (3) (F,S,SS)
ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (P: ECON 2113)
GEOG 2003. Economic Geography (3) (WI) (F,S)
GEOG 3430. Geographic Information Systems I (3) (F,S) (P: GEOG 3410 or equivalent)
MKTG 3832. Marketing Management (3) (F,S,SS) (P: ECON 2113)
MKTG 4662. Marketing Research (3) (WI) (F,S,SS) (P: MKTG 3832; MATH 2283)
MKTG 4732. Consumer Behavior (3) (F,S,SS) (P: MKTG 3832)
PLAN 3000. Urban Planning (3) (F,S,SS)
PLAN 3010. Regional Planning (3) (S)
PLAN 3021. Introduction to Planning Techniques (3) (F)
PLAN 3022. History and Theory of Planning (3) (WI*) (F,S)
POLS 3242. Municipal Policy and Administration (3)
POLS 3252. Public Administration (3) (F)
POLS 3253. Government Fiscal Administration (3) (S) (RP: POLS 1010)
POLS 3254. Governmental Personnel Administration (3) (RP: POLS 3252 or consent of instructor)
POLS 3255. Domestic Public Policy (3) (S)
PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS)
PSYC 5543. Psychology of Organizational Behavior (3) (P: Graduate standing; PSYC 3241; or consent of instructor)
SOC 3235. Population Trends and Problems (3) (P: SOCI 2110)
SOC 3410. Introduction to Maritime Sociology (3) (P: ANTH 1000 or SOCI 2110)
SOC 5500. Seminar in Population (3) (P: SOCI 2110; consent of instructor)

Law and Society:
SOCI 4320. Sociology of Law (3) (P: SOCI 2110)
SOCI 4322. Law and Social Change (3) (P: SOCI 2110)

Choose 18 s.h., including at least two disciplines other than sociology from:
ECON 3030. Antitrust and Regulation (3) (WI) (F) (P: ECON 2113)
FINA 2244. Legal Environment of Business (3) (F,S,SS)
FINA 3244. Commercial Law (3) (F,S) (P: FINA 2244 or consent of instructor)
JUST 1000. The Criminal Justice System (3) (F,S,SS)
JUST 3500. Principles of Criminal Law (3) (F,S) (P: JUST 1000, 2000)
PHIL 1175. Introduction to Ethics (3) (WI*) (F,S,SS)
PHIL 1180. Introduction to Critical Reasoning (3) (WI*) (S)

SECTION 7: ACADEMIC PROGRAMS

ANTH 3004. Cultures of the South Pacific (3) (EY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3005. North American Indians (3) (EY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3016. Cultures of the Caribbean (3) (S) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3017. Cultures of Mexico and Guatemala (3) (OY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3018. Cultures of South and Central America (3) (EY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3200. Women's Roles in Cross-Cultural Perspective (3) (EY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ASLS 2040. Deaf Culture and the Community (3) (F,S,SS)
ETHN 2002. Introduction to Ethnic Studies (3)
GEOG 4320. Gender, Economy and Development (3) (S) (P: consent of instructor)
GERO 2400. Introduction to Gerontology (3)
GERO 5400. Seminar in Aging Studies (3) (P: consent of instructor)
INTL 1000. Introduction to International Studies (3) (F,S,SS)
INTL 2003. Introduction to Chinese Culture (3) (P: ENGL 1200)
INTL 2004. Introduction to Japanese Cultures (3)
POLS 3039. Black Politics in America (3)
POLS 3040. Women in Politics (3) (S) (P: POLS 1010 or consent of instructor)
POLS 3041. Women and Public Policy (3) (S) (P: POLS 1010 or consent of instructor)
PSYC 3777. Ethnocultural Influences on the Development of the Self (3) (P: PSYC 1000 or 1060)
PSYC 4335. Psychology of Women (3) (P: PSYC 1000 or 1060)
SOC 3500. Economy and Society (3) (P: SOCI 2110)
SOC 3600. Power and Politics in Society (3) (P: SOCI 2110)
SOC 5100. Social Inequality (3) (P: SOCI 2110 or consent of instructor)
SOC 5400. Gender Roles (3) (P: SOCI 2110 or consent of instructor)
WOST 2400. Introduction to Women's Studies (3) (GE;SO)
WOST 4200. Feminist Theory (3) (WI) (F) (P: WOST 2000 or 2200 or 2400)

4. Cognates........................................................................................................................................... 6 s.h.

SOCI MIS 2223. Introduction to Computers (3) (F,S,SS)

https://author.ecu.edu/cs-acad/fs online/ cu/cu2 052.cfm
ENGL 3810. Advanced Composition (3) (WI) (F,S,SS) (P: ENGL 1200) or ENGL 3820. Scientific Writing (3) (F,S,SS) (P: ENGL 1200) or ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)

5. Electives to complete requirements for graduation.

Sociology Minor

Minimum requirement for sociology minor is 24 s.h. credit as follows:

1. Core ............................................................................................................................................. 6 s.h.
   - SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)
   - SOCI 4337. Principles of Sociology (3) (S)

2. SOCI electives above 1999 ........................................................................................................... 18 s.h.
   Sociology minors are encouraged to consult with the Department of Sociology when registering for SOCI electives.

Sociology Honors Program

The honors program in sociology is designed for outstanding sociology majors who wish additional challenge and recognition in pursuing scholarly or service work in an area of sociology. Students in the program enroll in SOCI 4550, 4551 in consecutive semesters. In consultation with the student, the dept chair will appoint a faculty advisor and two faculty reviewers to comprise an honors committee that will approve, supervise, and evaluate the work of the student. Under the guidance of this committee, the student will undertake extensive reading, research, or service activities resulting in the writing of an honors paper. The honors paper will be presented to, and orally defended before, the honors committee. To qualify for the program, a student must be a senior, have the approval of the dept chair, and have a minimum cumulative and major 3.5 GPA.

SECTION 7: ACADEMIC PROGRAMS

ASLS 2020. Sign Language Studies I (3) (F,S,SS)
ASLS 2030. Sign Language Studies II (3) (F,S,SS) (P: ASLS 2020)
ASLS 2040. Deaf Culture and the Community (3) (F,S,SS)
ASLS 3060. Sign Language Studies III (2) (F,S,SS) (P: ASLS 2030 or consent of instructor)
ASLS 3070. Introduction to Interpreting for the Deaf (3) (F) (P: ASLS 2040, 3060; or consent of instructor)
ASLS 3080. Sign Language Studies IV (3) (F,S,SS) (P: ASLS 3060 or consent of instructor)
ASLS 3090, 3091. Interpretation and the Translation for the Deaf I and Laboratory (3) (S) (P: ASLS 3060, 3070; or consent of instructor)
ASLS 3100. Interpretation and Translation for the Deaf II (3) (F) (P: ASLS 3080, 3090, 3091; or consent of instructor)
CSDI 2100. Introduction to Communication Disorders (3) (F,S,SS)

DEPARTMENT OF COMMUNITY HEALTH

Donald E. Ensley, Chairperson, 302-F Belk Building

DEPARTMENT OF HEALTH SERVICES AND INFORMATION MANAGEMENT

Elizabeth Layman, Chairperson, 308-C Belk Building

BS in Health Information Management

A minimum 2.5 GPA is required for admission to the professional phase (junior and senior levels) of the health information management curriculum. See health information management admission packet for specific admission information. Majors must earn a minimum grade of C in BIOL 2130, 2131 and all core, cognate, and required courses. A student earning a D in any of these courses must petition the Department of Health Services and Information Management for probationary continuation and may be required to repeat the course. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................. 42 s.h.
   - BIOL 1050, 1051. General Biology (3,1) (F,S,SS) (GE:SC)
   - BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
   - MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   - Recommended:
     - ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)

2. Core ............................................................................................................................................. 71 s.h.
   - HIMA 3000. Medical Terminology for Health Professionals (2) (F, S, SS)
   - HIMA 3032. Record Documentation Systems (3) (S) (P: HIMA major; HIMA 3120)
   - HIMA 3113. Applied Medical Sciences I (3) (F) (P: BIOL 2130, 2131)
   - HIMA 3118. Applied Medical Sciences II (3) (S) (P: HIMA 3113)
   - HIMA 3120. Health Care Delivery Systems (3) (F) (P/C: HIMA 2000, 3030)
   - HIMA 3142. Diagnostic and Procedural Coding (3) (S, SS) (P/C: HIMA major; BIOL 2130, 2131; HIMA 3118)
   - HIMA 3148. Health Service Coding (3) (F) (P: HIMA 3120, 3142)
   - HIMA 3090. Professional Practice Experience I (1) (S) (P/C: HIMA 3120, 3142)
   - HIMA 4000. Professional Practice Experience II (1) (F) (P: HIMA 3090)
   - HIMA 4030. Quality Management in Health Care (3) (S) (P: HIMA 3113, 3120, or consent of instructor)
   - HIMA 4075. Biomedical Research Support (1) (S) (P: BIOL 1500; HIMA 3120)
   - HIMA 4138. Health Data Structures (3) (S) (P: HIMA 3120)
   - HIMA 4153. Management of Health Information Services Department (3) (WI) (S) (P: HSMA 3050, 4055)

https://author.ecu.edu/cs-acad/fs/online/cu/cu2_052.cfm
HIMA 4160. Concepts in Health Information Technology (3) (F) (P: ASIP 2112 or DSCI MIS 2223; HIMA 3090)
HIMA 4165. Health Information Systems (3) (S) (P: HIMA 4160)
HSMA 2000. Professional Roles and Environments in Health Care (3) (F)
HSMA 3020. Health Care Payment Systems (3) (S) (P: CSCI: HIMA 3120; HSMA 2000, 3030, 3035)
HSMA 3025. Professional Ethical Codes and Law in Health Care (3) (F) (P/C: HSMA 2000, 3030; or consent of instructor)

SCHOOL OF ALLIED HEALTH SCIENCES

HSMA 3030. Written Communication and Documentation in Health Care (4) (WI) (F) (P/C: HSMA 2000)
HSMA 3035. Interpersonal Team Skills for Health Care Supervisors and Practitioners (3) (S) (P/C: HSMA 2000, 3030).
HSMA 3050. Leadership in Health Care (3) (F) (P/C: HSMA 3030)
HSMA 4010. Health Information Management (3) (F) (P: HIMA 3120; HSMA 3035)
HSMA 4050. Personnel Management and Supervision in Health Care (3) (F) (P: HIMA 3120; HSMA 3035; or consent of instructor)
HSMA 4055. Health Care Finance and Accounting (3) (F,SS) (P: HIMA 3120; HSMA 3035)
HSMA 4905. Allied Health Management Experience (5) (S) (P: Senior standing, consent of advisor, and within 15 s.h. of completing degree program)

3. Cognates.................................................................................................................. 7-10 s.h.
   ASIP 2112. Introduction to Information Processing Technology (3) (F,S,SS) and ASIP 2212,2213. Basic Programming for Business Applications (3,0) (F,S) (P: ASIP 2112 or equivalent) or DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
   BIOL 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (GE:SC) (P/C: BIOL 2130)
   BIOS 1500. Introduction to Biostatistics (3) (F,S) (P: MATH 1065 or equivalent or consent of instructor)

4. Health professions research................................................................. 3 s.h.
   HPRO 4350. Research Design (3) (WI) (P: MATH 2228; or equivalent)

5. Electives to complete requirements for graduation.

BS in Health Services Management

Admission to the BS in health services management program requires a minimum cumulative GPA of 2.0 and an application. Applications should be submitted when the student is nearing completion of general education requirements. Undergraduate students interested in pursuing master’s level professional degrees in allied health disciplines are encouraged to seek academic advisement as freshmen. Majors must earn a minimum grade of C in all core, cognates, and required courses. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.
   BIOL 1050, 1051. General Biology (3,1) (F,S,SS) (GE:SC)
   BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   Recommended:
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)

2. Core .................................................................................................................. 40-43 s.h.
   HIMA 3120. Health Care Delivery Systems (3) (F) (P/C: HSMA 2000, 3030)
   HIMA 4030. Quality Management in Health Care (3) (S) (P: HIMA 3113, 3120, or consent of instructor)
   HPRO 4350. Research Design (3) (WI) (P: MATH 2228; or equivalent)
   HSMA 2000. Professional Roles and Environments in Health Care (3) (F)
   HSMA 3020. Health Care Payment Systems (3) (S) (P/C: HIMA 3120; HSMA 2000, 3030, 3035)
   HSMA 3025. Professional Ethical Codes and Law in Health Care (3) (F) (P/C: HSMA 2000, 3030; or consent of instructor)
   HSMA 3030. Written Communication and Documentation in Health Care (4) (WI) (F) (P/C: HSMA 2000)
   HSMA 3035. Interpersonal Team Skills for Health Care Supervisors and Practitioners (3) (S) (P/C: HSMA 2000, 3030)
   HSMA 3050. Leadership in Health Care (3) (F) (P/C: HSMA 3030)
   HSMA 4010. Health Information Management (3) (F) (P: HIMA 3120; HSMA 3035)
   HSMA 4050. Personnel Management and Supervision in Health Care (3) (F) (P: HIMA 3120; HSMA 3035; or consent of instructor)
   HSMA 4055. Health Care Finance and Accounting (3) (F,SS) (P: HIMA 3120; HSMA 3035)
   HSMA 4903, 4904, 4905, 4906. Allied Health Management Experience (3,4,5,6) (WI*) (S) (P: Senior standing, consent of adviser, and within 15 s.h. of completing degree program)

3. Cognates.................................................................................................................. 4 s.h.
   BIOL 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (GE:SC) (P/C: BIOL 2130)

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**Insert on pp. 165 – 176 of 2004 – 2005 catalog:**

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COLLEGE OF BUSINESS

Ernest B. Uhr, Dean
Richard L. Kerns, Associate Dean
Richard Misunder, Associate Dean
Louis H. Zineone, Jr, Associate Dean
The College of Business provides an environment where students, faculty, and business professionals can pursue the acquisition of applied and theoretical knowledge relevant to the operation of profit and nonprofit organizations. The college, which consists of five departments, offers the BSBA degrees in decision sciences, finance, management, management accounting, and marketing; the five-year BSA/MSA and a stand-alone MSA program in professional accounting; and the MBA degree. The college also offers a tax option in the professional accounting program and the option to take graduate courses in marketing in the MBA program. Graduates are expected to be prepared to be managers and analysts in large and small organizations that operate on both a profit and nonprofit basis. In addition, the faculty is engaged in the expansion of knowledge through research. 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. The college supports primary and secondary education in the state through its Center for Economic Education.

Accreditation

The undergraduate and master’s business programs are accredited by AACSB International. Since the primary objective of accreditation and the College of Business is to foster high quality in education for business administration and management, most of the school’s resources are dedicated to its degree programs. Consequently, non-business majors will not be permitted to enroll in more than 30 s.h. of undergraduate course credit offered by the College of Business.

Admission

Students enrolled at either East Carolina University or other institutions may be considered for admission to the College of Business, if the following requirements have been met.

1. Completion of a minimum of 45 s.h. or 60 q.h.
2. Cumulative GPA of 2.5 on 4.0 scale.
3. Completion of courses listed below or equivalent course work with a minimum grade of C in each and a 2.5 average over the eight courses: ACCT 2401, 2521; ECON 2113, 2133; FINA 2244; DSCI-MIS 2223; MATH 1066, 2283.

Students who desire to pursue the BS/MSA or BSBA degree must be admitted to the College of Business before they enroll in 4000-level business courses. Preference in registration will be given to declared majors and intended majors with a minimum 2.5 GPA. Students not admitted to the College of Business may take a maximum of 30 s.h. total of 2000- and 3000-level business courses. However, special permission from the accounting chairperson is required for 3000-level accounting courses for non-business majors.

The admission of a student seeking a second undergraduate degree in the College of Business must be approved by the chair of the department in which the student will concentrate. At the time of such approval, the chair will also approve the specific courses which will lead to the receipt of the second degree.

Readmission

Students applying for readmission to the university who were previously enrolled in the College of Business and who have not been out of school for more than three academic years must have a minimum GPA of 2.0 to be eligible for readmission to the College of Business.

Students previously enrolled in the College of Business who have been out of school more than three academic years and students who were previously enrolled in the university but not in the College of Business must meet the requirements for admission outlined in the section above.

Transfer Credit for Upper-Level Courses

The College of Business will not accept for credit upper-level courses (numbered 3000 and 4000 at East Carolina University) taken at a junior or community college. The department chair will determine the applicability of upper-level courses taken at senior colleges in meeting the BSBA degree requirements. No course may count as a College of Business concentration requirement and also count as fulfilling the business core requirements of the College of Business.

DEPARTMENT OF ACCOUNTING

Edwin A. Doby, Chairperson, 3208 Bate Building

BSBA in Management Accounting

The BSBA in management accounting does not satisfy the educational prerequisites nor provide a comprehensive program of training for professional certification. Students aspiring to achieve professional certification should refer to the requirements for the BSA/MSA degree program. Students pursuing the BSBA in management accounting must earn a minimum grade of C in accounting courses to satisfy any upper-level accounting course prerequisites. Also, to graduate, students must earn a minimum grade of C and a minimum cumulative GPA of 2.0 in all 3000- and 4000-level accounting courses taken.

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

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.
   BIOL 1060. Environmental Biology (4) (F,S,SS) (GE:SC) or CHEM 1020. General Descriptive Chemistry (4) (GE:SC) or GEOL 1700. Environmental Geology (4) (F,S) (GE:SC) or PHYS 1050. Physics and the Environment (4) (F,S,SS) (GE:SC)
   COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)
   MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)
   PHIL 2274. Business Ethics (3) (W1) (F,S,SS) (GE:HU) or PHIL 2275. Professional Ethics (3) (W1) (F,S,SS) (GE:HU)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

2. Cognates ............................................................................................................................................. 6 s.h.
   ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
   MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1085 or 1096 or equivalent)
3. Business core ............................................................................................................................................ 36 s.h.
ACCT 2401, Financial Accounting (3) (F,S,SS) (P: MATH 1065 or 1066 or 2193 or 2191 or 2171)
ACCT 2521, Managerial Accounting (3) (F,S,SS) (P: ACCT 2401)
DSCI 2223, Introduction to Computers (3) (F,S,SS)
DSCI 3063, Management Information Systems I (3) (F,S,SS) (P: DSCI 2223)
DSCI 3123, Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
DSCI 3223, Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in DSCI 2223; MATH 1066 or 2193 or 2124 or 2171, 2283)
FINA 2244, Legal Environment of Business (3) (F,S,SS)
FINA 3724, Financial Management (3) (F,S,SS) (P: ECON 2113; MATH 2283; P/I: ACCT 2521)
MGMT 3202, Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)
MGMT 4842, Business Policy (3) (WI) (F,S,SS) (P: DSCI-OMGT3123; FINA 3724; MKTG 3832; declared major in the College of Business; senior standing)
MIS 2223, Introduction to Computers (3) (F,S,SS)
MIS 3063, Introduction to Management Information Systems (3) (F,S,SS) (P: MIS 2223)
MGMT 3832, Marketing Management (3) (F,S,SS) (P: ECON 2113)
OMGT 3123, Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
OMGT 3223, Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in MIS 2223; MATH 1066 or 2193 or 2124 or 2171, 2283)

Choose one international perspectives course from:
ACCT 4451, International Accounting (3) (F) (P: FINA 3724)
FINA 4454, International Finance (3) (S) (P: FINA 3724)
MGMT 3302, International Business (3) (F,S,SS) (P: MGMT 3202)
MGMT 3852, Cultural Environment of International Business (3) (F,S) (P: Junior standing; completion of a minimum of 3 s.h. in ECON [may be specified by dept])
MGKT 4932, International Marketing (3) (WI) (F,S) (P: MKTG 3832)

4. Core ............................................................................................................................................................ 15 s.h.
ACCT 3551, Intermediate Accounting I (3) (F,S,SS) (P: ACCT 2521; P/I: FINA 3724)
ACCT 3561, Intermediate Accounting II (3) (F,S,SS) (P: ACCT 3551)
ACCT 3621, Cost Accounting (3) (F,S) (P: ACCT 2521)
ACCT 4611, Controllership I (3) (WI) (F,S) (P: ACCT 3561)
ACCT 4651, Accounting Information Systems (3) (F,S) (P: ACCT 3561; DSCI-MIS 3063)

5. Concentration area (Choose one.) .............................................................................................................. 9 s.h.

Management Accounting:
ACCT 4621, Controllership II (3) (F,S) (P:ACCT 3561; DSCI-MIS 3063)
FINA 3244, Commercial Law (3) (F,S) (P: FINA 2244 or consent of instructor)
Choose 3 s.h. from:
DSCI 4303, Forecasting and Statistics for Operations Analysis (3) (S) (P: DSCI 4123 or equivalent)
DSCI 4743, Materials Management (3) (F) (P: DSCI 3123)
FINA 3824, Financial Analysis and Planning (3) (F,S) (P: FINA 3724)
MGMT 4402, Human Resource Management (3) (F,S) (P: MGMT 3202)
OMGT 4743, Materials Management (3) (F) (P: OMGT 3123)

Accounting Systems:
ACCT 4861, Accounting Systems II (3) (F,S) (P: ACCT 4651)
Choose 6 s.h. from:
DSCI-MIS 4113, Database Management Systems (3) (F,S) (P: DSCI-MIS 3063)
DSCI-MIS 4123, Distributed Information Telecommunications and Networking Systems (3) (F,S) (P: DSCI-MIS 3063)
DSCI-OMGT 4383, Technology in Business Operations Supply Chain Systems (3) (S) (P: DSCI-OMGT 3123)
DSCI-OMGT 4733, Project Management (3) (S) (P: DSCI-OMGT 3023 3223)

6. Electives (non-business electives to complete 60 s.h. outside the College of Business)

BSA/MSA (Five-Year, Combined Degree Program in Accounting)

The master of science in accounting provides academic preparation for professional careers in accounting. Students who successfully complete all program requirements are jointly awarded the BSA and MSA degrees at the end of five years of study.

Students who have been admitted to both the College of Business and the Department of Accounting may apply for admission to the BSA/MSA program during their sixth semester. Acceptance decisions are made after completion of 90 s.h. and are based on academic performance appropriate for graduate studies, score on the Graduate Management Admissions Test (GMAT), letters of recommendation, and other relevant information. Admission to the graduate program is a prerequisite to enrollment in any graduate course.

Applications for direct admission into the MSA program are invited from students with undergraduate degrees in accounting and from students with degrees in other areas other than accounting. Required courses and other program requirements for each applicant must be individually determined. Minimum degree requirement for the combined program is 150 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ........................................................................... 42 s.h.
   BIOL 1060, Environmental Biology (4) (GE:SC) or CHEM 1020, General Descriptive Chemistry (4) (GE:SC) or
   GEOL 1700, Environmental Geology (4) (F,S,GE:SC) or PHYS 1050, Physics and the Environment (4) (F,S,SS) (GE:SC)
   COMM 2420, Business and Professional Communication (3) (F,S,SS) (GE:FA)
   ECON 2113, Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   ECON 2123, Principles of Macroeconomics (3) (F,S,SS) (GE:ST) (P: ECON 2113)
   MATH 1066, Applied Mathematics for Decision Making (3) (F,S,SS) (GE:SO) (P: Appropriate score on mathematics placement test or approval of dept chair)
   PHIL 2275, Professional Ethics (WI) (F,S,SS) (GE:HU)
   PSYC 1000, Introductory Psychology (3) (F,S,SS) (GE:SO)
   SOCI 2110, Introduction to Sociology (3) (F,S,SS) (GE:SO)
2. Cognates

- ENGL 2760. Functional Grammar (3) (WI) (F, S, SS) (P: ENGL 1200 or ENGL 3870. Introduction to Editing and Abstracting) (F) (S) (P: ENGL 1200)
- ENGL 3880. Writing for Business and Industry (3) (WI) (F, S, SS) (P: ENGL 1200)
- MATH 2283. Statistics for Business (3) (F, S, SS) (P: MATH 1065 or 1066 or equivalent)

3. Business Core

- ACCT 2401. Financial Accounting (3) (F, S, SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)
- ACCT 2521. Managerial Accounting (3) (F, S, SS) (P: ACCT 2401)
- ACCT 6701. Law for Professional Accountants (3) (P: Candidate for graduation or consent of MSA adviser)
- DSCI 2223. Introduction to Computers (3) (F, S, SS)
- DSCI 3202. Management Information Systems I (3) (F, S, SS) (P: DSCI 2223)
- DSCI 3123. Operations Management (3) (F, S, SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3302)
- DSCI 3233. Business Decision Modeling (3) (F, S, SS) (P: Minimum grade of C in DSCI 2223; MATH 1066 or 2119 or 2121 or 2171 or 2283)
- DSCI 4203. Statistical Analysis (3) (F) (P: MATH 1066, 2283)
- FINA 2244. Legal Environment of Business (3) (F, S, SS)
- FINA 3724. Financial Management (3) (F, S, SS) (P: ECON 2113; MATH 2283; P/C: ACCT 2521)
- FINA 6004. Financial Management II (3) (P: DSCI-OMGT 3123; FINA 5144)
- MGMT 3302. Fundamentals of Management (3) (F, S, SS) (P: ECON 2113)
- MGMT 4842. Business Policy (3) (WI) (F, S, SS) (P: DSCI-OMGT 3123; FINA 3724; MKTG 3832; declared major in the College of Business; senior standing)
- MGMT 6832. Human Resources (3) (P: MGMT 6102)
- MIS 2223. Introduction to Computers (3) (F, S, SS)
- MIS 3063. Introduction to Management Information Systems I (3) (F, S, SS) (P: MIS 2223)
- MKTG 3852. International Marketing (3) (F, S, SS) (P: ECON 2113)
- OMGT 3123. Operations Management (3) (F, S, SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3302)
- OMGT 3233. Business Decision Modeling (3) (F, S, SS) (P: Minimum grade of C in MIS 2223; MATH 1066 or 2119 or 2121 or 2171, 2283)
- OMGT 4293. Statistical Analysis (3) (F) (P: MATH 1066, 2283)

Choose 3 s.h. from:
- ACCT 4451. International Accounting (3) (F, S, SS) (F: FINA 3724)
- FINA 4434. International Finance (3) (S) (P: FINA 3724)
- MGMT 3352. International Business (3) (F, S, SS) (P: MGMT 3302)
- MKTG 3852. Cultural Environment of International Business (3) (F, S) (P: Junior standing; completion of a minimum of 3 s.h. in ECON may be specified by dept)
- MKTG 4992. International Marketing (3) (WI) (F, S) (P: MKTG 3852)

4. Core

- ACCT 3551. Intermediate Accounting I (3) (F, S, SS) (P: ACCT 2521; P/C: FINA 3724)
- ACCT 3561. Intermediate Accounting II (3) (F, S, SS) (P: ACCT 3551)
- ACCT 3621. Cost Accounting (3) (F, S) (P: ACCT 2521)
- ACCT 3731. Advanced and Nonprofit Accounting (3) (F, S) (P: ACCT 3561)
- ACCT 4651. Accounting Information Systems (3) (F, S) (P: ACCT 3561; DSCI-MIS 3063)
- ACCT 6611. Auditing (3) (F, S) (P: ACCT 4651 or consent of MSA adviser)
- ACCT 6801. Accounting Theory (3) (P: Consent of MSA adviser)
- ACCT 6811. Cost Accounting Theory (3) (P: Consent of MSA adviser) or ACCT 6911. Research in Taxation (3) (P: ACCT 6911; consent of MSA adviser) or ACCT course above 6600
- ACCT 6811. Federal Income Taxation (3) (P: ACCT 3561 or consent of MSA adviser)
- ACCT 6911. Advanced Federal Taxation (3) (P: ACCT 3731, 6891; or consent of MSA adviser)
- ACCT 6915. Auditing Seminar (3) (P: To be taken during final semester or consent of MSA adviser)
- ACCT 6981. The Professional Accounting Environment (3) (P: Candidate for graduation)

5. Undergraduate electives to complete requirements for graduation: 6 s.h. non-business electives to complete 60 s.h. outside the College of Business (DSCI-OMGT 4293 serves as an AACSB approved outside the College of Business course). 9 s.h. may be in business and accounting courses not listed above. A minimum grade of C is required to satisfy any upper-level accounting prerequisites.

The Department of Accounting will not accept for credit upper-level courses (those numbered 3000 or above at ECU) taken at a junior college or community college. The department chairperson will determine on an individual basis the extent to which upper-level courses taken at senior colleges may be used to meet degree requirements at East Carolina University. All other East Carolina University Graduate School and College of Business requirements must be followed. Students not completing the entire curriculum will be required to meet the BSBA requirements in order to receive a bachelor's degree. The BSA degree may not be awarded separately from the MSA.

DEPARTMENT OF DECISION SCIENCES

Scott Dellana, Chairperson, 3410 Bate Building

BSBA in Decision Sciences

The decision sciences department offers the baccalaureate degree with concentrations in management information systems and operations and supply chain management, providing students with a strong technical background on which to build interpersonal and problem-solving skills. The department also participates in the electronic commerce concentration offered through the marketing department in the college of business. The concentrations in electronic commerce and operations and supply chain management are interdisciplinary concentrations offered cooperatively between marketing and decision sciences. Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below, ......................................................................................................................... 42 s.h.
- COMM 2420. Business and Professional Communication (3) (F, S, SS) (GE:FA)
- ECON 2113. Principles of Microeconomics (3) (F, S, SS) (GE:SO)
- ECON 2133. Principles of Macroeconomics (3) (F, S, SS) (GE:SO) (P: ECON 2113)
- MATH 1066. Applied Mathematics for Decision Making (3) (F, S, SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)

https://author.ecu.edu/cs-acad/lsorline/cur/cu2_052.cfm
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PHIL 2274. Business Ethics (3) (WI*) (F,S,SS) (GE:HU) or PHIL 2275. Professional Ethics (3) (WI*) (F,S,SS) (GE:HU)
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
SOC1 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

2. Cognates: ........................................................................................................................................... 6 s.h.
ENGL 3880. Writing for Business and Industry (3) (W, F,S,SS) (P: ENGL 1200)
MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)

3. Business core ...................................................................................................................................... 36 s.h.
ACCT 2401. Financial Accounting (3) (F,S,SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)
ACCT 2521. Managerial Accounting (3) (F,S,SS) (P: ACCT 2401)

DSCI 2223. Introduction to Computers (3) (F,S,SS)

DSCI 3063. Management Information Systems I (3) (F,S,SS) (P: DSCI 2223)
DSCI 3123. Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
DSCI 3233. Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in DSCI 2223; MATH 1066 or 2119 or 2121 or 2171; 2283)

FINA 2244. Legal Environment of Business (3) (F,S,SS)
FINA 3724. Financial Management (3) (F,S,SS) (P: ECON 2113; MATH 2283; P/I: ACCT 2521)

MGMT 3402. Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)

MGMT 4842. Business Policy (3) (W, F,S,SS) (P: DSCI-OMGT3123; FINA 3724; MKTG 3832; declared major in the College of Business; senior standing)

MIS 2223. Introduction to Computers (3) (F,S,SS)
MIS 3063. Introduction to Management Information Systems (3) (F,S,SS) (P: MIS 2223)

MKTG 3832. Marketing Management (3) (F,S,SS) (P: ECON 2113)
OMGT 3123. Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
OMGT 3233. Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in MIS 2223; MATH 1066 or 2119 or 2121 or 2171; 2283)

Choose one international perspectives course from:
ACCT 4451. International Accounting (3) (P: FINA 3724)
FINA 4454. International Finance (4) (S) (P: FINA 3724)

MGMT 3352. International Business (3) (F,S,SS) (P: MGMT 3202)

MKTG 3852. Cultural Environment of International Business (3) (F,S) (P: Junior standing; completion of a minimum of 3 s.h. in ECON [may be specified by dept])

MKTG 4992. International Marketing (3) (W, F,S) (P: MKTG 3832)

4. Concentration area (Choose one) ........................................................................................................... 18 s.h.

Management Information Systems:
DSCI-MIS 3073. Software Design and Development (3) (F,S) (P: DSCI major; DSCI-MIS 3063)
DSCI-MIS 4113. Data Base Management Systems (3) (F,S) (P: DSCI MIS 3063)

DSCI-MIS 4123. Distributed Information Telecommunications and Networked Systems (3) (F,S) (P: DSCI-MIS 3063)
DSCI-MIS 4133. Managing Information Systems Management Resources (3) (W, F,S) (P: DSCI-MIS 3063)

DSCI-MIS 4163. Management Information Systems II Analysis and Design (3) (F,S) (P: DSCI-MIS 3063)

DSCI-MIS 4173. Management Information Systems III Development and Implementation (3) (F,S) (P: DSCI-MIS-4163; P/I: DSCI-MIS-3673)

Operations and Supply Chain Management:

DSCI-OMGT 4493. Management and Analysis of Quality (3) (F) (P: MATH 2283 or 2228 or equivalent)
DSCI-4733. Project Management (3) (F,S) (P: DSCI-OMGT-3223)

DSCI-OMGT 4743. Materials Management (3) (F) (P: DSCI-OMGT-3123)

DSCI-OMGT 4763. Supply Chain Management (3) (S) (P: Junior standing, minimum grade of C in MATH 2283, 2228)

MKTG 4790. Distribution Management (3) (F,S) (P: MKTG 3832)

Choose 3 s.h. from:
DSCI-4113. Management Information Systems II (3) (F,S) (P: DSCI 3063)
DSCI 1203. Statistical Analysis (3) (F,S) (P: MATH 1066 or 2119 or 2121 or 2171; 2283)

MANF 3020. Manufacturing Processes (3) (W, F,S,SS) (P: ITEC 2090; MANF 2076, 2077)

MKTG 4532. Business and Organizational Marketing (3) (F,S) (P: MKTG 3832)

OMGT 4733. Project Management (3) (F,S) (P: OMGT 3223)

5. Electives (non-business electives to complete 60 s.h. outside the College of Business)

DEPARTMENT OF FINANCE

Stanley G. Eakins, Chairperson, 3420 Bate Building

BSBA in Finance

The BSBA in Finance offers the student an opportunity to study financial analysis and financial markets and institutions. Concentrations are offered in managerial finance and financial services. Students interested in pursuing a career in real estate should select the financial services concentration, choosing FINA 4604 as the concentration elective and FINA 4574 as a general elective. Students interested in pursuing a banking career should select the managerial finance concentration, choosing FINA 4654 as one of the two concentration electives. Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.

BIOL 1050. Environmental Biology (4) (F,S,SS) (GE:SC) or CHEM 1020. General Descriptive Chemistry (4) (GE:SC) or

GEOL 1700. Environmental Geology (4) (F,S,SS) or PHYS 1050. Physics and the Environment (4) (F,S,SS) (GE:SC)

COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)

ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)

ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)

MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)

PHIL 2274. Business Ethics (3) (W, F,S,SS) (GE:HU) or PHIL 2275. Professional Ethics (3) (W, F,S,SS) (GE:HU)

PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)

SOC1 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

2. Cognates: ........................................................................................................................................... 6 s.h.

https://author.ecu.edu/cs-acad/fsonline/cu/cu2_052.cfm
37/134
ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)

3. Business core .................................................................................................................................................. 36 s.h.
ACCT 2401, Financial Accounting (3) (F,S,SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)
ACCT 2521, Managerial Accounting (3) (F,S,SS) (P: ACCT 2401)
DSCI 2233, Introduction to Computers (3) (F,S,SS)
DSCI 3063, Management Information Systems I (3) (F,S,SS) (P: DSCI 2233)
DSCI 3123, Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
DSCI 4223, Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in DSCI 2233; MATH 1066 or 2119 or 2121 or 2171; 2283)
FINA 2244, Legal Environment of Business (3) (F,S,SS)
FINA 3724, Financial Management (3) (F,S,SS) (P: ECON 2113; MATH 2283; P/C: ACCT 2521)
MGMT 3202, Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)
MGMT 4842, Business Policy (3) (WI) (F,S,SS) (P: DSCI,OMGT 3123; FINA 3724; MKTG 3832; declared major in the College of Business; senior standing)

MIS 2233, Introduction to Computers (3) (F,S,SS)
MIS 3063, Introduction to Management Information Systems I (3) (F,S,SS) (P: MIS 2233)
MGMT 3832, Marketing Management (3) (F,S,SS) (P: ECON 2113)
OMGT 3123, Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
OMGT 3223, Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in MIS 2233; MATH 1066 or 2119 or 2121 or 2171; 2283)

Choose one international perspectives course from:
ACCT 4451, International Accounting (3) (F,S) (P: FINA 3724)
FINA 4454, International Finance (3) (S) (P: FINA 3724)
MGMT 3552, International Business (3) (F,S,SS) (P: MGMT 3202)
MKTG 3852, Cultural Environment of International Business (3) (F,S) (P: Junior standing; completion of a minimum of 3 s.h. in ECON [may be specified by dept])
MKTG 4992, International Marketing (3) (WI) (F,S) (P: MKTG 3832)
MKTG 4992, International Marketing (3) (WI) (F,S) (P: MKTG 3832)

4. Concentration area (Choose one.) ..................................................................................................................... 18 s.h.

Financial Services:
FINA 3144, Financial Markets (3) (F,S) (P: ECON 2113)
FINA 3554, Principles of Real Estate (3) (F,S) (P: ACCT 2401; ECON 2133)
FINA 3904, Investments (3) (F,S) (P: ECON 2133; FINA 3724)
FINA 4404, Security Analysis and Portfolio Management (3) (S) (P: FINA 3904)
FINA 4854, Estate and Retirement Planning (3) (S) (P: FINA 3724)

Choose 3 s.h. from (Students interested in real estate should select 4604 and 4574 [to be counted as a general elective]):
FINA 3244, Commercial Law (3) (S) (P: FINA 2244 or consent of instructor)
FINA 3874, Insurance Planning (3) (F) (P: FINA 3724)
FINA 4574, Real Estate Management and Brokerage (3) (S) (P: FINA 3554)
FINA 4604, Real Estate Financing (3) (F) (P: FINA 3554, 3724)

Managerial Finance:
FINA 3144, Financial Markets (3) (F,S) (P: ECON 2113)
FINA 3824, Financial Analysis and Planning (3) (F,S) (P: FINA 3724)
FINA 3904, Investments (3) (F,S) (P: ECON 2133; FINA 3724)
FINA 4734, Financial Management II (3) (F,S) (P: FINA 3824)

Choose 6 s.h. from (Students interested in banking should choose 4654 as one of the electives):
ACCT 3551, Intermediate Accounting I (3) (F,S,SS) (P: ACCT 2521; P/C: FINA 3724)
ACCT 3621, Cost Accounting (3) (F,S,SS) (P: ACCT 2521)
FINA 3554, Principles of Real Estate (3) (F,S) (P: ACCT 2401; ECON 2133)
FINA 4404, Security Analysis and Portfolio Management (3) (S) (P: FINA 3904)
FINA 4454, International Finance (3) (S) (P: FINA 3724)
FINA 4654, Commercial Bank Management (3) (F) (P: FINA 3144, 3824)
FINA 4964, Topics in Finance (3) (P: Consent of dept chair)

General Business Concentration
The concentration in general business offers students the opportunity to acquire a general overview of the skills necessary to manage human and physical resources. Although primarily designed for distance education students, students on campus may choose this concentration. Enrollment in this concentration will be limited by the resources available. Distance education students will receive priority in enrollment in distance education courses.

Complete 18 s.h. of credit as detailed below:
ACCT 4921, Accounting for Managers
DSCI 4733, Project Management
FINA 3144, Financial Markets
MGMT 4242 or PSYC 3241, Organizational Behavior
MKTG 4732, Consumer Behavior
OMGT 4733, Project Management

Choose one from:
MGMT 4402, Human Resources Management
FINA 3904, Investments
Other courses approved by adviser.

5. Electives (non-business electives to complete 60 s.h. outside the College of Business)

DEPARTMENT OF MANAGEMENT

Joseph Tomkiewicz, Chairperson, 3106 Bate Building

BSBA in Management
The BSBA in management offers students the opportunity to acquire knowledge in the management of human and physical resources and to acquire skills useful in the management of domestic and international organizations. Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.
   BIOL 1060, Environmental Biology (4) (F,S,SS) (GE:SC) or CHEM 1020, General Descriptive Chemistry (4) (GE:SC) or
   GEOG 1000, Environmental Geology (4) (F,S) (GE:SC) or PHYS 1050, Physics and the Environment (4) (F,S,SS) (GE:SC)
   COMM 2420, Business and Professional Communication (3) (F,S,SS) (GE:FA)
   ECON 2113, Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   ECON 2133, Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)
   MATH 1066, Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)
   PHIL 2274, Business Ethics (3) (WI*) (F,S,SS) (GE:HU) or PHIL 2275, Professional Ethics (3) (WI*) (F,S,SS) (GE:HU)
   PSYC 1000, Introductory Psychology (3) (F,S,SS) (GE:SO)
   SOCI 2110, Introduction to Sociology (3) (F,S,SS) (GE:SO) ................................................................. 6 s.h.

2. Cognate ............................................................................................................................................. 36 s.h.
   ACCT 2401, Financial Accounting (3) (F,S,SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)
   ACCT 2521, Managerial Accounting (3) (F,S,SS) (P: ACCT 2401)
   DSCI 3223, Introduction to Computing (3) (F,S,SS)
   DSCI 3363, Management Information Systems (3) (F,S,SS) (P: DSCI 2223)
   DSCI 3423, Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
   DSCI 3223, Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in DSCI 2223, MATH 1066 or 2119 or 2121 or 2171 or 2283)
   FINA 2244, Legal Environment of Business (3) (F,S,SS)
   FINA 3724, Financial Management (3) (F,S,SS) (P: ECON 2113; MATH 2283; P/C: ACCT 2521)
   MGMT 3302, Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)
   MGMT 4842, Business Policy (3) (WI) (F,S,SS) (P: DSCI-MGMT 3123; FINA 3724; MKTG 3832; declared major in the College of Business; senior standing)
   MIS 2223, Introduction to Computers (3) (F,S,SS)
   MIS 3303, Introduction to Management Information Systems (3) (F,S,SS) (P: DSCI-MIS 2223)
   MKTG 3832, Marketing Management (3) (F,S,SS) (P: ECON 2113)
   OMGT 3123, Operations Management (3) (F,S,SS) (P: Minimum grade of C in MATH 1066, 2283; C: MGMT 3202)
   OMGT 3223, Business Decision Modeling (3) (F,S,SS) (P: Minimum grade of C in DSCI-MIS 2223, MATH 1066 or 2119 or 2121 or 2171; 2283)

Choose one international perspectives course from:
   ACCT 4451, International Accounting (3) (F,S) (P: FINA 3724)
   FINA 4454, International Finance (3) (S) (P: FINA 3724)
   MGMT 3352, International Business (3) (F,S,SS) (P: MGMT 3202)
   MKTG 3852, Cultural Environment of International Business (3) (F,S) (P: Junior standing; completion of a minimum of 3 s.h. in ECON [may be specified by dept])
   MKTG 4992, International Marketing (3) (WI) (F,S) (P: MKTG 3832) .................................................. 18-27 s.h.

3. Business core .................................................................................................................................... 18-27 s.h.
   Entrepreneurship and Small Business Management (18 s.h.):
   MGMT 4242, Organizational Behavior (3) (F,S) (P: MGMT 3202) or PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS)
   MGMT 4252, Entrepreneurship (3) (WI) (F) (P: FINA 3724; MGMT 3202; MKTG 3832)
   MGMT 4262, Small Business Management (3) (WI) (F) (P: FINA 3724; MGMT 3202; MKTG 3832)
   Choose 9 s.h. from:
   DSCI 4743, Materials Management (3) (P: DSCI 3423 OMGT 3123)
   FINA 3824, Financial Analysis and Planning (3) (F,S) (P: FINA 3724)
   MGMT 4272, Managing the Family Business (3) (WI) (S) (P: MGMT 3202)
   MGMT 4352, Management in a Global Economy (3) (S) (P: MGMT 3352 or MKTG 4992 or FINA 4454)
   MGMT 4452, Human Resource Management (3) (F,S) (P: MGMT 3202)
   MGMT 4482, Managerial Negotiation (3) (F,S) (P: MGMT 3202)
   MKTG 4362, Retail Management (3) (F,S) (P: MKTG 3832)
   MKTG 4662, Marketing Research (3) (WI) (F,S,SS) (P: MKTG 3832; MATH 2283)
   MKTG 4732, Consumer Behavior (3) (F,S,SS) (P: MKTG 3832)
   MKTG 4752, Advertising and Promotion Management (3) (F,S) (P: MKTG 3832)
   OMGT 4743, Materials Management (3) (F,P: OMGT 3123)

   International Business (27 s.h.):
   Choose six courses beyond the one business core international perspectives course requirement (ACCT 4451; ANTH 2010 or POLS 2020; FINA 4454; MGMT 3352, 4352; MKTG 3852, 4992)
   Competency in one foreign language as demonstrated by scoring Intermediate-High on the Listening and Readingsections and Intermediate-Mid on the Speaking and Writing sections of the ACTFL Test. Minimum of one semester abroad, enrolled in an approved academic program with a focal world region.
   Choose 9 s.h. based on one of the following world regions chosen by the student (not more than two courses from any one dept):

   Africa/Middle East:
   ANTH 3003. Cultures of Africa (3) (OIY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
   COMM 3190. Intercultural Communication (3) (P: COMM 1001 or 1002)
   ECON 3333. Economics of Underdeveloped Countries (3) (GE:SO) (P: ECON 2133)
   GEOG 2110. World Geography: Less Developed Regions (3) (F,S,SS) (GE:SO)
   GEOG 3050. Africa (3) (S) (GE:SO)
   HIST 3670. History of the Middle East (3) (WI*) (GE:SO)
HIST 3810. History of Africa (3) (WI*) (GE:SO)
PHEL 2690. World Religions (3) (F,S) (GE:HU)
POLS 3265. African Political Systems (3) (S) (GE:SO)

Asia:
ANTH 3002. Cultures of East Asia (3) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3009. Motherhood of God in Asian Traditions (3) (EY) (GE:SO)
COMM 3180. Intercultural Communication (3) (P: COMM 1001 or 1002)
ECON 3353. Economics of Underdeveloped Countries (3) (GE:SO) (P: ECON 2133)
GEOG 2110. World Geography: Less Developed Regions (3) (F,S,SS) (GE:SO)
GEOG 3050. Africa (3) (S) (GE:SO)
HIST 3611. History of the Far East Since 1600 (3) (GE:SO)
HIST 3620. History of Modern Japan (3) (GE:SO)
PHEL 2690. World Religions (3) (F,S) (GE:HU)
POLS 3280. South Asian Political Systems (3) (SS)

Europe:
COMM 3180. Intercultural Communication (3) (P: COMM 1001 or 1002)
ECON 3353. Economics of Underdeveloped Countries (3) (GE:SO) (P: ECON 2133)
GEOG 2110. World Geography: Developed Regions (3) (F,S,SS) (GE:SO)
GEOG 3053. Political Geography (3) (WI) (S) (GE:SO)
HIST 3435. History of Europe Since 1914 (3) (GE:SO)
HIST 3450. History of Modern Germany (3) (GE:SO)
PHEL 2690. World Religions (3) (F,S) (GE:SO)
POLS 3234. West European Political Systems (3) (F) (GE:SO)
POLS 3235. East European Political Systems (3) (S) (GE:SO)
POLS 3236. The Soviet Successor States (3) (F) (GE:SO)

Latin America:
ANTH 3017. Cultures of Mexico and Guatemala (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3018. Cultures of South and Central America (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
COMM 3180. Intercultural Communication (3) (P: COMM 1001 or 1002)
ECON 3353. Economics of Underdeveloped Countries (3) (GE:SO) (P: ECON 2133)
GEOG 2110. World Geography: Less Developed Regions (3) (F,S,SS) (GE:SO)
GEOG 3049. Latin America (3) (WI) (GE:SO)
HIST 3711. Introduction to Latin-American History: Since 1808 (3) (WI) (GE:SO)
HIST 3780. Mexico and Central America (3) (WI) (GE:SO)
PHEL 2690. World Religions (3) (F,S) (GE:HU)

Management (18 s.h.):
MGMT 4242. Organizational Behavior (3) (F,S) (P: MGMT 3202) or PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS)
MGMT 4482. Managerial Negotiation (3) (F,S) (P: MGMT 3202)
Choose 12 s.h. from:
MGMT 4342. Organizational Change and Development (3) (F,S)
MGMT 4343. Organizational Leaders and Leadership (3) (F,S)
MGMT 4525. Entrepreneurship (3) (WI) (F) (P: FINA 3724; MGMT 3202; MKTG 3832)
MGMT 4532. Management in a Global Economy (3) (F) (P: MGMT 3352 or MKTG 4492 or FINA 4454)
MGMT 4402. Human Resource Management (3) (F,S) (P: MGMT 3202)
MGMT 4422. Labor Relations (3) (F) (P: MGMT 3202)
MGMT 4952. Topics in Management (3) (F,S) (P: MGMT 3202; consent of dept chair)

5. Electives (non-business electives to complete 60 s.h. outside the College of Business)

DEPARTMENT OF MARKETING

Kenneth Anselmi, Chairperson, 3414 Bate Building

BSBA in Marketing

The BSBA in marketing facilitates an understanding of the buying decision-making process and the interpretation of marketing research, while gaining indepth knowledge of retailing, international marketing, business and organizational marketing, selling and sales management, electronic commerce, advertising, and marketing strategy. The department also participates in the operations and supply chain management concentration offered through the decision sciences department in the college of business. The concentrations in electronic commerce and operations and supply chain management are interdisciplinary concentrations offered cooperatively between marketing and decision sciences. Minimum degree requirement is 120 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all

Baccalaureate Degree Programs), including those listed below .............................................................. 42 s.h.
BIOL 1060. Environmental Biology (4) (F,S,SS) (GE:SC) or CHEM 1020. General Descriptive Chemistry (4) (GE:SC) or
GEOL 1700. Environmental Geology (4) (F,S) (GE:SC) or PHYS 1050. Physics and the Environment (4) (F,S,SS) (GE:SC)
COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)
MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics
placement test or approval of dept chair)
PHIL 2274. Business Ethics (3) (WI*) (F,S,SS) (GE:HU) or PHIL 2275. Professional Ethics (3) (WI*) (F,S,SS) (GE:HU)
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

2. Cognates.................................................................................................................................................. 6 s.h.
ENGL 3880. Writing for Business and Industry (3) (WI) (F,SS,SS) (P: ENGL 1200)
MATH 2233. Statistics for Business (3) (F,SS) (P: MATH 1065 or 1066 or equivalent)

3. Business core ........................................................................................................................................... 36 s.h.
ACCT 2401. Financial Accounting (3) (F,SS,SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)
MATH 2231. Managerial Accounting (3) (F,SS,SS) (P: ACCT 2401)

DSCI 2233. Introduction to Computers (3) (F,SS,SS)

DSCI 3123. Operations Management (3) (F,SS,SS) (P: Minimum grade of C in MATH 1065, 2283; C: MGMT 3202)
DSCI 3233. Business Decision Modeling (3) (F,SS,SS) (P: Minimum grade of C in DSCI 2233, MATH 1066 or 2119 or 2124 or 2174, 2283)

FINA 2244. Legal Environment of Business (3) (F,SS,SS)
FINA 3724. Financial Management (3) (F,SS,SS) (P: ECON 2113; MATH 2283; P/C: ACCT 2521)
MGMT 3202. Fundamentals of Management (3) (F,SS,SS) (P: ECON 2113)
MGMT 4842. Business Policy (3) (WI) (F,SS,SS) (P: DSCI 2233; FINA 3724; MKTG 3832; declared major in the College of Business; senior standing)

MIS 2223. Introduction to Computers (3) (F,SS,SS)
MIS 3063. Introduction to Management Information Systems (3) (F,SS,SS) (P: MIS 2223)
MKTG 3832. Marketing Management (3) (F,SS,SS) (P: ECON 2113)

OMGT 3123. Operations Management (3) (F,SS,SS) (P: Minimum grade of C in MATH 1065, 2283; C: MGMT 3202)
OMGT 3232. Business Decision Modeling (3) (F,SS,SS) (P: Minimum grade of C in MIS 2223, MATH 1066 or 2119 or 2121; 2283)

Choose one international perspectives course from:
ACCT 4451. International Accounting (3) (F,SS) (P: FINA 3724)
FINA 4454. International Finance (3) (S) (P: FINA 3724)

MKTG 3852. Cultural Environment of International Business (3) (F,SS) (P: Junior standing; completion of a minimum of 3 s.h. in ECON [may be specified by dept])
MKTG 4902. International Marketing (3) (WI) (F,SS) (P: MKTG 3832)

4. Concentration area (Choose one) ...................................................................................................... 18 s.h.

Electronic Commerce:

DSCI 4113. Data Base Management Systems (3) (F) (P: DSCI 3063)
DSCI 4123. Distributed Information Systems (3) (S) (P: DSCI 3063)
FINA 3824. Financial Analysis and Planning (3) (F,SS) (P: FINA 3724)

MIS 4113. Data Base Management Systems (3) (F) (P: MIS 3063)
MIS 4123. Telecommunications and Networked Systems (3) (S) (P: MIS 3063)

MKTG 4532. Business and Organizational Marketing (3) (F,SS) (P: MKTG 3832)
MKTG 4790. Distribution Management (3) (P: MKTG 3832)

Marketing:

MKTG 4562. Marketing Strategy (3) (F,SS,SS) (P: MKTG 3832; additional 6 s.h. in MKTG)
MKTG 4652. Marketing Research (3) (WI) (F,SS,SS) (P: MKTG 3832; MATH 2283)

Business Administration Minor

It is recommended that the courses required for the business administration minor be taken in the order listed. The minor requires 24 s.h. of credit as follows:

ACCT 2101. Survey of Financial and Management Accounting (3) (F, S) (P: Math 1065)
ECON 2113. Principles of Microeconomics (3) (F,SS,SS) (GE:SO)

DSCI 2233. Introduction to Computers (3) (F,SS,SS)
FINA 2244. Legal Environment of Business (3) (F,SS,SS)
FINA 3004. Survey of Financial Management (3) (F,SS) (P: ACCT 2101 or 2401; ECON 2113; MATH 2283)

MATH 2283. Statistics for Business (3) (F,SS,SS) (P: MATH 1065 or 1066 or equivalent) or equivalent introductory statistics course. If another statistics course is substituted, an additional business course numbered 3000 or above will be required to meet requirements for the minor.

MGMT 3202. Fundamentals of Management (3) (F,SS,SS) (P: ECON 2113)

MIS 2223. Introduction to Computers (3) (F,SS,SS)

MKTG 3832. Marketing Management (3) (F,SS,SS) (P: ECON 2113)

Bachelor's and Accelerated MBA Program

Students in fields other than business who are interested in careers in private or public sector management may complete the BA or BS and, if qualified, may complete the master of business administration in one additional year. The typical MBA program requires two years, or 60 s.h., beyond the four-year bachelor's degree. However, the accelerated program allows the student to meet up to 27 s.h. of the MBA by waivers, on a course-by-course basis, if the equivalent undergraduate courses are completed with a grade of A or B. The remaining 33 s.h. of the MBA may then be completed in two semesters and a summer session (two summer terms).

As part of the general education requirements, minor field, concentration, and electives, the student will prepare for the accelerated MBA program by completing the following courses with a grade of A or B: ACCT 2401*, 2521*, COMM 2420, DSCI 2233*, 3063*, ECON 2113*, 2133; ENGL 3880; FINA 2244*, 3724*; MGMT 3202*, 3252*; MIS 2223*, 3063*; MKTG 3832*; MATH 1066, 2283*.

Completion of the courses marked with an asterisk (*) will qualify students for a minor in business administration as part of the undergraduate degree. Students in programs which require ENGL 3820; ITEC 3290; MATH 2119, 2122, or 2172; and MATH 2228 may substitute these courses for the comparable courses above. Students who are unable to complete the entire program should consult their adviser or the assistant dean of graduate programs in the College of Business for the most appropriate combination of courses.
There is a separate entry process for admission to the MBA program. Students must consult the assistant dean for graduate programs in the College of Business at the beginning of their senior year about the entry requirements.

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SECTION 7: ACADEMIC PROGRAMS

ASIP 3311, 3312. Financial Information Systems II (3,0) (F,S,SS) (P: ASIP 2311)
ASIP 3500, 3501. Electronic Information Processing III (3,0) (F,S,SS) (P: ASIP 2500 or equivalent)
ASIP 4200, 4201. Microcomputer Business Applications (3,0) (F,S,SS) (P: ASIP 2500 or consent of instructor)
ASIP 4300. Administrative Office Procedures (3) (F,SS)
ASIP 4500. Information Processing Systems Design (3) (F,SS) (P: ASIP 2212, 2500; or equivalent) or DSCI MIS 3063. Management Information Systems I (3) (F,SS) (P: ACCT 2521)
ASIP 5200, 5201. Microcomputer Business Graphics Applications (3,0) (F,S,SS) (P: ASIP 4200 or consent of instructor) or DSCI MIS 4133.
Information Systems Management (3) (WI) (F,S) (P: DSCI MIS 3063)
BVTE 3200. Distribution Technology I: Merchandising (3) (F,SS)
BVTE 3301. Distribution Technology I: Advertising (3) (F,SS)
BVTE 4390. Consumer Financial Management (3) (WI) (F,S,SS)
ENGL 2750. Functional Grammar (3) (WI) (F,S,SS) (P: ENGL 1200)
FINA 2244. Legal Environment of Business (3) (F,SS)
MATH 2228. Elementary Statistical Methods I (3) (F,SS,SS) (P: MATH 1065 or equivalent) or MATH 2283. Statistics for Business (3) (F,SS,SS) (P: MATH 1065 or 1066 or equivalent)
MGMT 3202. Fundamentals of Management (3) (F,S,SS) (P: ECON 2113) or 3 s.h. major electives above 2999
MGMT 4402. Human Resource Management (3) or MGMT 4422. Labor Relations (3) (S) (P: MGMT 3202) or 3 s.h. major electives above 2999
PSYC 3221. Social Psychology (3) (F,S,SS) (GE:SO) or PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO)
Choose 6 s.h. major electives above 2999
*Students who have met work experience requirement should take 4 s.h. of electives in the major.

3. General electives to complete requirements for graduation.

BSBE in Marketing Education

See Licensure, above. Minimum degree requirement is 128 s.h. of credit as follows:

1. General education and special requirements for certification (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below........................ 42 s.h.
   ART 1910. Art Appreciation (2) (F,S) (GE:FA) or MUSC 2208. Music Appreciation (2) (F,S,SS) (GE:FA)
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO) or ECON 2133. Principles of Macroeconomics (3)
   (F,S,SS) (GE:SO) (P: ECON 2113)
   HIST 2012. American Business History (3) (WI*) (F) (GE:SO)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH
   1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics
   placement test or approval of dept chair)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3206. Developmental Psychology (3) (WI*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
   Choose a literature course (GE:HU)
   Choose a speech course (GE:FA)

2. Professional studies ........................................................................................................................................ 24 s.h.
   BVTE 2123. Early Experiences for the Prospective Teacher (1) (F,S) (P: 9-12 s.h. in major field and/or consent of instructor)
   BVTE 4323. Methods of Teaching Workforce Preparedness Education (3) (F) (P/C: PSYC 4305 or consent of instructor)
   BVTE 4324. Internship in Workforce Preparedness Education (10) (S) (P: Admission to upper division; C: BVTE 4325)
   EDUC 3200. Introduction to American Education (3) (WI*) (F,S,SS) (P: Early experience course or consent of instructor)
   EDUC 4000. Foundations of School Learning, Motivation, and Assessment (3) (F,S) (P: Admission to upper division) or
   PSYC 3405. Educational Psychology (3) (F,S,SS) (P: PSYC 2201 or 2240 or 3206 or 3240 or equivalent)
   READ 3990. Teaching Reading in the Content Areas in the Secondary School (2) (F,S,SS)
   SPED 4010. Exceptional Students in the Regular Classroom (2) (F,S) (RP: SPED 2000)

3. Common core .................................................................................................................................................. 42 s.h.
   ASIP 2311, 2312. Financial Information Systems I (3,0) (F,S,SS)
   ASIP 3220. Business Communications (3) (F,S,SS) (WI) (P: ENGL 1200)

SECTION 7: ACADEMIC PROGRAMS

BIOL 1051. General Biology Laboratory (1) (F,S,SS) (GE:SC)
CHEM 1120. Basic General, Organic, and Biochemistry I (4) (F,S,SS) (GE:SC)
COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3)
(F,S,SS) (GE:FA)
MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
PSYC 3205. Developmental Psychology (3) (WI*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)

2. Core ......................................................................................................................................................... 45 s.h.
   EXSS 1101. Physical Conditioning (1) (F,S,SS) (P: EXSS 1000)
EXSS 1114. Aerobic Dance (1) (F,S,SS) (P: EXSS 1000)
EXSS 2000. Introductory Exercise and Sport Science (3) (F,S,SS)
EXSS 2202. Motor Learning and Performance (3) (F,S,SS)
EXSS 2850. Structural Kinesiology (1) (F,S,SS)
EXSS 3804. Measurement of Physical Activity and Fitness (3) (F,S,SS) (P: ASIP 2112 or DSCI MIS 2223; EXSS 2000; or consent of instructor)
EXSS 3805. Physiology of Exercise (3) (F,S,SS) (P: Health and human performance major or minor or consent of dept chair; BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850)
EXSS 3850. Introduction to Biomechanics (3) (F,S,SS) (P: BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850; PHYS 1250, 1251; or consent of instructor)
EXSS 4806. Exercise Evaluation and Prescription (4) (WI) (F,S,SS) (P: EXSS 3805; health and human performance major or minor; or consent of dept chair)
EXSS 4850. Exercise Leadership (3) (F,S,SS) (P: EXSS 3805)
EXSS 5002. Exercise Adherence (3) (P: PSYC 1000; PIC: EXSS 4806; health and human performance major or minor; or consent of dept chair)
EXSS 5800. Physical Activity and Aging (3) (P: GERO 2400 or consent of instructor)
HLTH 2125, 2126. Safety Education and First Aid (3,0) (F,S,SS)
HLTH 2220, 2221. Basic Athletic Training (3,0) (F,S,SS)
HLTH 4200. Planning and Evaluation in Worksite Health Promotion (3) (F,S,SS) (P: Completion of core courses)
HLTH 4604. Applied Principles of Health Promotion (3) (F,S) (P: BIOL 2130, 2131; NUHM 2105; PSYC 1000; or consent of instructor)
Choose a minimum of an additional 2 s.h. approved EXSS electives

3. Cognates ............................................................................................................................................................... 18 s.h.
ASIP 2112. Introduction to Information Processing Technology (3) (F,S,SS) or DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
CHEM 1121. Basic General and Organic Chemistry Laboratory (1) (F,S) (GE:SC) (C: CHEM 1120)
GERO 2400. Introduction to Gerontology (3) (GE:SO)
NUHM 2105. Nutrition (3) (F,S,SS)
PHYS 1250. General Physics (3) (F,S,SS) (GE:SC) (P: MATH 1065)
PHYS 2151. General Physics Laboratory (1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350)

4. Internship ............................................................................................................................................................. 12 s.h.
EXSS 4800. Internship in Health/Fitness Leadership (12) (F,S,SS) (P: Satisfactory completion of all other degree requirements or consent of dept chair)

5. Electives to complete requirements for graduation.

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SECTION 7: ACADEMIC PROGRAMS

EHST 3350, 3351. Water Supply and Waste Water Treatment (4) (F) (P: BIOL 2110, 2111; CHEM 1160, 1161)
EHST 3600. Air Pollution (3) (F) (P: EHST 2110 or consent of instructor)
EHST 3700, 3701. Industrial Hygiene and Laboratory (3,1) (S) (P: BIOL 2130; CHEM 1160, 1161)
EHST 4010. Toxicological Foundations of Risk Assessment (3) (F) (P: BIOL 2130; CHEM 2650, 2651)
EHST 4200. Environmental Health Management and Law (3) (WI) (F) (P: EHST major)
EHST 4980. Environmental Health Internship (3) (P: EHST major; 13 s.h. in EHST or consent of dept chair)
EHST 5800. Solid and Hazardous Waste Management (3) (P: CHEM 1160, 1161)

3. Concentration area (Choose one) ............................................................................................................................. 17-19 s.h.
Industrial Hygiene:
EHST 3900. Introduction to Occupational Health (3) (F) (P: 6 s.h. of BIOL, including BIOL 2130; 8 s.h. of general chemistry; or consent of instructor)
MATH 2121. Calculus for the Life Sciences I (3) (F,S,SS) (GE:MA) (P: MATH 1065 or 1077 with a minimum grade of C)
MATH 2122. Calculus for the Life Sciences II (3) (F,S,SS) (P: MATH 2121)
PHYS 1250, 1260. General Physics (3,3) (F,S,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)
PHYS 1251, 1261. General Physics Laboratory (1,1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350; C for 1261: PHYS 1260 or 2260)

Public Health:
EHST 3200, 3201. Food Sanitation Principles and Laboratory (3,1) (S) (P: Consent of instructor)
EHST 3370, 3371. On-Site Waste Water Treatment and Disposal and Laboratory (3,1) (S) (P: EHST 3350, 3351; GEOG 3220)
EHST 4300, 4301. Institutional, Recreational Sanitation, and Vectorborne Diseases and Laboratory (3,1) (F) (P: EHST 2110, 3003, 3100, 3200, 3201, 3350, 3351, 3370, 3371; or consent of instructor)
MATH 2119. Elements of Calculus (3) (F,S,SS) (GE:MA) (P: MATH 1065 with a minimum grade of C)
PHYS 1250. General Physics (3) (F,S,SS) (GE:SC) (P: MATH 1065)
PHYS 1251. General Physics Laboratory (1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350)

4. Cognates ................................................................................................................................................................. 26 s.h.
BIOL 1050. General Biology (3) (F,S,SS) (GE:SC)
BIOL 1051. General Biology Laboratory (1) (F,S,SS) (GE:SC)
BIOL 2110. Fundamentals of Microbiology (4,0) (F,S) (P: 4 s.h. in BIOL; 8 s.h. in CHEM)
BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
BIOS 1500. Introduction to Biostatistics (3) (F,S) (P: MATH 1065 or equivalent or consent of instructor) or MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (P: MATH 1065 or equivalent)
CHEM 2650. Organic Chemistry for the Life Sciences (4) (F) (P: CHEM 1160, 1161)
CHEM 2651. Organic Chemistry Lab for the Life Sciences (1) (F) (C: CHEM 2650)
DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
5. Electives to complete requirements for graduation.

Environmental Health Requirements for Students Participating in MD/7 Initiative

Students pursuing a BS in Environmental Health who are also participating in the MD/7 Program must meet the specified requirements for their major. In addition, the student will need to fulfill the pre-health concentration by taking BIOL 1100/1101 (pre-med students may substitute BIOL 1100/1101 for the cognate requirement of BIOL 1050/1051), BIOL 1200/1201, CHEM 1150/1151, CHEM 1160, 1161, CHEM 2750/2751 and CHEM 2760/2763. Students accepted for admission to the Brody School of Medicine under the MD/7 Program may substitute the successful completion of the first-year of medical school curriculum for EHST4990 and remaining 19 s.h. required for graduation.

BS in Health Education and Promotion

Students entering the health education and promotion degree program choose one of three concentrations: community health, pre-health professions, or worksite health promotion. The community health concentration requires a minimum cumulative GPA of 2.5 for entry and thereafter the student must maintain a minimum 2.0 GPA in the required cognates and pass all health education core courses with a minimum grade of C. A student earning a D in any of these courses must

SECTION 7: ACADEMIC PROGRAMS

Pre-health Professions (43 s.h.)

BIOL 1200, 1201. Principles of Biology and Laboratory II (3,1) (F,S,SS) (GE:SC) (P/C for 1201: BIOL 1200)
CHEM 1150, 1151. General Chemistry and Laboratory (3,1) (F,S,SS) (GE:SC)
CHEM 1160, 1161. General Chemistry and Laboratory II (3,1) (F,S,SS) (GE:SC)
CHEM 2750. Organic Chemistry I (3) (F,S,SS) (P: CHEM 1160, 1161)
CHEM 2760, 2762. Organic Chemistry and Laboratory II (3,2) (F,S,SS) (P: CHEM 2750)
HLTH 2800. Standard Nomenclature of Athletic Injuries (3) (F)
HLTH 3300, 3301. Introduction to Patient Education (3,0) (S)
PHYS 1250, 1251. General Physics and Laboratory (3,1) (F,S,SS) (GE:SC) (P: MATH 1065)
PHYS 1260, 1261. General Physics II and Laboratory (3,1) (F,S,SS) (GE:SC)

Choose 9 s.h. from the following:

ANTH 3252. Medical Anthropology (3) (P: ANTH 1000 or 2010 or 2200)
BIOL 2110, 2111. Fundamentals of Microbiology and Laboratory (3,1) (F,S) (P for 2110: BIOL 1050, 1051; or 1100, 1101; or equivalent; 8 s.h. CHEM; P/C for 2111: BIOL 2110)
BIOL 2300. Genetics (3)
BIOL 5800, 5821. Principles of Biochemistry and Laboratory (3,1)
BIOL 5810. Principles of Biochemistry II (3)
BIOS 1500. Introduction to Biostatistics (3) (P: MATH 1065)
BIOS 5010. Epidemiology for Health Professionals (3) (P: BIOS 1500)
CHEM 2770, 2771. Biological Chemistry and Lab (3,1) (P: CHEM 2650 or 2750)
EXSS 3805. Physiology of Exercise (3) (P: BIOL 2130, 2131)
HLTH 3515. AIDS HIV Disease in Modern Society (3)
HLTH 5310. Education for Human Sexuality (3) or HPRO 5000. Seminar in Human Sexual Dysfunctions (3)
HLTH 5900. Stress Management (3)
HPRO 2100. Perspectives in Health Care (3)
PHIL 3261. Introduction to Philosophical Ethics in the Health Care Profession (3) (GE:HU)
SOCI 3327. Introductory Medical Sociology (3) (P: SOCI 2110) or SOCI 5200. Seminar in Sociology of Health (3) (P: SOCI 2110)

Students in the Prehealth Professions Concentration who have been accepted for admission to the Brody School of Medicine under the MD/7 Program may substitute the successful completion of the first-year medical school curriculum for HLTH 4991 (12 s.h.) and 16 s.h. of electives.

Worksite Health Promotion (25 s.h.):

EXSS 3805. Physiology of Exercise (3) (F,S,SS) (P: BIOL 2130, 2131; health and human performance major or minor or consent of dept chair)
EXSS 4806. Exercise Evaluation and Prescription (4) (WI) (F,S,SS) (P: EXSS 3805; health and human performance major or minor; or consent of chairperson)
HLTH 4200. Planning and Evaluation in Worksite Health Promotion (3) (F,S,SS) (P: Completion of core courses)
HLTH 4600. Data Analysis for Health Promotion Programming (3) (S) (C: HLTH 4700)
HLTH 4700. Practicum Seminar in Worksite Health Education (3) (S) (P: HLTH 4200)
HLTH 5200. Health Education in the Workplace (3) (P: Undergraduates must have consent of instructor)

Choose 6 s.h. from:

ASIP 2112. Introduction to Information Processing Technology (3) (F,S,SS) or DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
EHST 3100. Injury Control (3) (S) (P: Consent of dept chair) or ITEC 3292. Industrial Safety (3) (F,S,SS) (P: Junior standing and completion of 12 s.h. of industrial technology courses)
FINA 2244. Legal Environment of Business (3) (F,S,SS)
MGMT 3202. Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)

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

SECTION 7: ACADEMIC PROGRAMS

3. Concentration area (Choose one.) .......................................................... 33 s.h.

Commercial Recreation and Tourism:
Cognates (21 s.h.)
ACCT 2101. Survey of Accounting (3) (F, S) (P: MATH 1065 or 1066) or ACCT 2401. Financial Accounting (3) (F, S, SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)

**DSCI MIS 2223.** Introduction to Computers (3) (F, S, SS)

FINA 2244. Legal Environment of Business (3) (F, SS)

ITEC 3290. Technical Writing (3) (WI) (F, SS, S) (P: ENGL 1200)

MGMT 3202. Fundamentals of Management (3) (F, S, SS) (P: ECON 2113)

RCLS 3120. Commercial Recreation and Tourism (3) (S) (P: RCLS 2000 or consent of instructor; P/C: RCLS 3003, 3004)

RCLS 4121. Tourism Planning and Development (3) (P: RCLS 3120 or consent of instructor)

Restricted Electives (Choose 12 s.h. from the following:)

ACCT 2521. Managerial Accounting (3) (F, SS, S) (P: ACCT 2401; **DSCI MIS 2223**)

ECON 2113. Principles of Microeconomics (3) (F, SS, S) (GE: SO)

FINA 3004 (3) or FINA 3724. Financial Management (3) (F, SS, S) (P: ECON 2113; MATH 2283; P/C: ACCT 2521)

GEOG 2019. Geography of Recreation (3) (F) (GE: SO)

GEOG 3135. Geography of Tourism (3) (GE: SO)

MATH 2263. Statistics for Business III (3) (F, S, SS) (P: MATH 1065 or 1066 or equivalent)

MKTG 3832. Marketing Management (3) (F, S, SS) (P: ECON 2113)

MGMT 4262. Small Business Management (3) (WI) (F, SS) (P: FINA 37244; MGMT 3202; MKTG 3852)

NUHM 1350. Introduction to Food Service and Lodging Management (3) (WI) (F, SS, S)

NUHM 3200. Dimensions of Tourism (3) (F) (P: NUHM 1350)

NUHM 4200. Travel and Tourism Management (3) (S) (P: NUHM 3200).

RCLS 2400. Facilitation and Leadership of Adventure-Based Programs (3) (F, S)

RCLS 2600. Outdoor Recreation Activities (3)

RCLS 2601. Leisure in Society (3) (F, S, SS)

RCLS 3104. Public and Non-Profit Recreation (3) (F) (P: RCLS 2000; or consent of instructor; P/C: RCLS 3003, 3004)

RCLS 4111. Design of Parks and Recreation Facilities IV (3) (F) (P: 3104 or 3120; or consent of instructor)

RCLS 5100. Aquatics Facilities Management (3)

RCLS 5101. Waterfront Facilities Operation (3)

HLTH 2125, 2126. Safety Education and First Aid (3) (F, SS, S) (P: HLTH 1000 C for 2125: HLTH 2126; C for 2126: HLTH 2125)

**Recreation Management:**

Cognates (22 s.h.)

ACCT 2101. Survey of Accounting (3) (F, S) (P: MATH 1065 or 1066) or ACCT 2401. Financial Accounting (3) (F, S, SS) (P: MATH 1065 or 1066 or 2119 or 2121 or 2171)

ITEC 3290. Technical Writing (3) (WI) (F, SS, S) (P: ENGL 1200)

FINA 2244. Legal Environment of Business (3) (F, SS)

MGMT 3202. Fundamentals of Management (3) (F, SS, S) (P: ECON 2113 GE: SO)

RCLS 3104. Public and Non-Profit Recreation (3) (F) (P: RCLS 2000 or consent of instructor; P/C: RCLS 3003, 3004)

RCLS 3300. Outdoor Programming. (3) (S) (P/C: RCLS 3003, 3004 and 2600 or documented outdoor living skills)

RCLS 4111. Design of Parks and Recreation Facilities IV (3) (F) (P: Declared MRFS major or minor; RCLS 3003, 3004)

Restricted Electives (Choose 11 s.h. from the following:)

RCLS 2400. Facilitation and Leadership of Adventure-Based Programs (3) (F, S)

RCLS 2600. Outdoor Recreation Activities (3)

RCLS 2601. Leisure in Society (3) (F, S, SS)

RCLS 3120. Commercial Recreation and Tourism (3) (S) (P: Declared MRFS major or minor; RCLS 2000 or consent of instructor; P/C: RCLS 3003, 3004)

**COLLEGE OF HUMAN ECOLOGY**

JUST 4500. Issues and Problems in Criminal Justice (3) (F, S)

3. **Corrections and Law Enforcement Emphases (Choose 3 s.h. from each area.)** .......................... 6 s.h.

**Corrections:**

JUST 3008. Correctional Systems (3) (F, S) (P: JUST major/minor)

JUST 3502. Correctional Law (3) (WI) (F, S) (P: JUST major/minor)

JUST 4006. Community Corrections (3) (F, S, S) (P: JUST major/minor)

**Law Enforcement:**

JUST 3006. Security Systems (3) (S, SS) (P: JUST major/minor)

JUST 3007. Criminal Investigation (3) (F) (P: JUST major/minor)

JUST 3012. Police Operations (3) (S) (P: JUST major/minor)

JUST 3501. Criminal Procedures (3) (F, S) (WI) (P: JUST major/minor)

4. **Cognates** ........................................................................................................................................ 3 s.h.

ASIP 2112. Introduction to Information Processing Technology (3) (F, SS, S) or **DSCI MIS 2223.** Introduction to Computers (3) (F, S, SS) or ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F, S, SS)

5. **Specified Electives** ......................................................................................................................... 30 s.h.

Choose a minimum of 15 s.h. from:

JUST 3003. Addiction, Crime, and the Criminal (3) (P: JUST major/minor)

JUST 3101. Conflict Management (3) (F, S) (P: JUST major/minor)

JUST 3102. Interviewing in Criminal Justice (3) (F, S) (P: JUST major/minor)

JUST 4004. Criminal Justice History (3) (S) (P: JUST major/minor)

JUST 4005. Organized Crime (3) (SS) (P: JUST major/minor)

JUST 4300. Criminal Justice Administration (3) (S) (P: JUST major/minor)

JUST 4401, 4402, 4403. Independent Study (1, 2, 3) (F, S, SS) (P: JUST major/minor)
JUST 4600. Special Topics in Criminal Justice (3) (F or S or SS) (P: JUST major/minor)
JUST 4990. Field Education and Seminar (9) (F,S) (P: Minimum cumulative 2.5 GPA to be eligible for consideration; completion of all required JUST and supportive area courses; selection based upon availability of appropriate placements and criteria specified in Criminal Justice Student Handbook)
JUST 5000. Comparative Criminal Justice (3) (P: JUST major/minor)
Choose a minimum of 15 s.h. from outside criminal justice above 2999 with approval of adviser

6. General Electives to complete requirements for graduation.

Criminal Justice Minor

The minor in criminal justice requires 24 s.h. of credit as follows:

1. Core ................................................................................................................................. 9 s.h.
   JUST 1000. The Criminal Justice System (3) (F,S,SS)
   JUST 3004. Crime and Criminality (3) (F,S) (P: JUST 1000)
   JUST 3500. Principles of Criminal Law (3) (F,S) (P: JUST 1000)
2. Electives from criminal justice courses (may not include JUST 4990) ......................... 15 s.h.

DEPARTMENT OF INTERIOR DESIGN AND MERCHANDISING

Katherine Warsco, Chairperson, 152 Rivers Building

BS in Merchandising

Students majoring in merchandising have two concentration options: apparel merchandising or interiors merchandising. To declare the merchandising major, students must have a cumulative 2.5 GPA, complete a minimum of 12 s.h. at ECU, and complete both IDM 1135 and MATH 1065 with a C or better. Throughout the program students must make a C or better in all IDM major courses and business administration minor courses. Undeclared majors in apparel merchandising are allowed to take IDM 1135, 2239, and 2350. Undeclared majors in interiors merchandising are allowed to take IDM 1135, 2350, and 1180. Minimum degree requirement is 126 s.h. of credit as follows:

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CMGT 3666, 3667. Construction Surveying (3,0) (F,S,SS) (P: CMGT 3100; MATH 1074 or 1075 or equivalent)
CMGT 3726. Construction Project Safety Management (3) (F,S) (P: Minimum grade of C in 3664)
CMGT 3766, 3767. Soils and Foundations (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2664; GEOL 1500, 1501; MATH 1074 or 1075 or equivalent; PHYS 1250, 1251)
CMGT 4600, 4601. Managing Building Quality (3,0) (WI) (F,S) (P: CMGT 3662; 4660; ITEC 3290; P/C: CMGT 4662)
CMGT 4660. Construction Estimating (3) (F,S) (P: Minimum grade of C in CMGT 3664; P/C: CMGT 3660)
CMGT 4662. Construction Planning and Scheduling (3) (F,S) (P: CMGT 4660; students with a 2.75 or higher cumulative GPA may take CMGT 4660 as a corequisite)
CMGT 4664. Construction Supervision (3) (F,S) (P: CMGT 4662)
CMGT 4666. Equipment Management (3) (F,S) (P: CMGT 3660, 3766)
ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)

Construction Management Transfer Program (49 s.h.):

Students who hold an associate degree from an approved technical program must transfer courses and take courses at ECU that meet the competencies of the construction management core listed above. Students must complete at ECU a minimum of 24 s.h. credit, 18 s.h. from 3000 level or above (must include CMGT 3000, 4600, 4660, 4662, 4664) and 6 s.h. from 2000 level or above. Additional courses may be necessary to meet required prerequisites. Construction management/industrial technology courses completed at ECU and technical transfer courses must total a minimum of 49 s.h. Courses needed to meet requirements must meet as scheduled classes.

3. Cognates............................................................................................................................... 27 s.h.
   ACCT 2101. Survey of Financial and Managerial Accounting (3) (F,S) (P: MATH 1065)
   EHST 3060, 3061. Environmental Issues in Construction (4,0) (F,S) (P: GEOL 1500, 1501)
   FINA 2244. Legal Environment of Business (3) (F,S,SS)
   MATH 1074. Applied Trigonometry (2) (F,S,SS) (P: MATH 1065) or transfer credit for MATH 1075 or equivalent.
   MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
   MGMT 2302. Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)
   MKTG 3832. Marketing Management (3) (F,S,SS) (P: ECON 2113)
   PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE: SO)
   Choose 3 s.h. computer-related elective from:
   DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
   ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F,S,SS)

4. Electives to complete requirements for graduation.

The construction management minor requires 27 s.h. of credit as follows:

Required courses ................................................................................................................... 27 s.h.
   CMGT 2210, 2211. Construction and Civil Materials (3,0) (F,S,SS) (P: Majors and minors only)
   CMGT 2660, 2661. Structural Systems, Materials and Codes (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2210)
   CMGT 2664, 2665. Interior and Exterior Finishes and Systems (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2210)
   CMGT 2800. Foundations of Construction (3) (F,S,SS) (P: Minimum grade of C in CMGT 2210; computer-related elective)
   CMGT 3100, 3101. Architectural Plans and Analysis (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2660; 2800;
MATH 1065 or 1066. P/C: CMGT 2664, 2665)
CMGT 3664. Construction Contracts and Specifications (3) (F,S,SS) (P: Minimum grade of C in CMGT 2664; P/C: CMGT 3100)
CMGT 3726. Construction Project Safety Management (3) (F,S) (P: Minimum grade of C in 3664)
CMGT 4660. Construction Estimating (3) (F,S) (P: Minimum grade of C in CMGT 3664; P/C: CMGT 3660*)
[*For students seeking CMGT minor P/C: CMGT 3660 will be waived]
CMGT 4662. Construction Planning and Scheduling (3) (F,S) (P: CMGT 4660; students with a 2.75 or higher cumulative GPA may take CMGT 4660 as a corequisite)

SECTION 7: ACADEMIC PROGRAMS

PLAN 3051. Introduction to GIS in Planning (3) (F,S) (P: GEOG 3410 or consent of instructor)
PLAN 4003. Urban Form and Design (3) (S)

Mechanical Technology:

DESN 3230, 3231. Rapid Prototyping (3,0) (S,0Y) (P: DESN 3032, 3033, ITEC 2090, MANF 2076, 2077)
DESN 3234, 3235. Jig and Fixture Design (3,0) (F,Y) (P: DESN 3032, 3033, ITEC 2090, 2091, MANF 2076, 2077)
DESN 3236, 3237. Geometric Dimensioning and Tolerancing (3,0) (F,Y) (P: MATH 1065 or 1066, MATH 1074, ITEC 3200)
MANF 2076, 2077. Introduction to Computer Numerical Control (CNC) (3,0) (F,S) (P: ITEC 2000, 2010, DESN 2034, 2035)
MANF 3020, 3021. Introduction to Computer Integrated Manufacturing (3,0) (WI*) (F,S,SS) (P: ITEC 2000; MANF 2020, 2021)
MANF 3300. Plant Layout and Materials Handling (3) (F)

4. Cognates.................................................................................................................................................. 23 s.h.
FINA 2244. Legal Environment of Business (3) (F,S,SS)
ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F,S,SS)
ITEC 3200. Introduction to Statistical Process Control (3) (F,S) (P: MATH 1065 or higher) or MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (P: MATH 1065 or equivalent) or MATH 2283. Statistics for Business (3) (F,S,SS)
(P: MATH 1065 or 1066 or equivalent)
ITEC 3300. Technology Project Management (3) (S) (WI) (P: ENGL 1200; ITEC 2000 or DSCI/MIS 2223)
ITEC 3800. Cost and Capital Project Analysis (3) (S) (P: MATH 1065, 2283 or ITEC 3200)
ITEC 4293. Industrial Supervision (3) (WI) (F,S) (P: Senior standing; completion of 20 s.h. of industrial technology courses)
ITEC 4300. Quality Assurance Concepts (3) (F,S,SS) (P: 18 s.h. of technology core courses)
MATH 1074. Applied Trigonometry (2) (F,S,SS) (P: MATH 1065)

5. Electives to complete requirements for graduation ................................................................. 13 s.h.

BS in Engineering (BSE)

Admission to the university does not guarantee admission to the BSE program. Upon admission to the university, students who have 1100 SAT scores or equivalent and have completed the second year of high school algebra with a grade of B or better may apply for admission to the engineering program. Students who have an associate degree from an approved pre-engineering program will be directly admitted into the BSE program. All other students with transfer hours will be individually evaluated for program credit. Current ECU students transferring from the General College or other campus programs must have a minimum 2.5 GPA and have completed prerequisites for MATH 2171 with a grade of B or better.

Entering freshmen should submit an ECU admission application package, high school transcript, and SAT and/or ACT scores for admission consideration. Associate degree students should submit transcripts and two letters of recommendations from faculty. ECU general college students should obtain permission from the program coordinator.

Minimum degree requirement for the engineering program is 128 s.h. credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.), including those listed below ................................................................. 42 s.h.
   BIOL 1100, 1101. Principles of Biology (4,0) (F,S,SS) (GE:SC)
   CHEM 1150, 1151. General Chemistry and Laboratory I (3,1) (F,S,SS) (GE:SC) (P: CHEM placement test or passing grade in CHEM 0150; P/C: MATH 1065; C for 1150: CHEM 1151; C for 1151: CHEM 1150)
   COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   MATH 1083. Introduction to Functions (3) (F,S,SS) (GE:MA) (P: Consent of dept chair)
   PHIL 2275. Professional Ethics (3) (WI*) (F,S,SS) (GE:HU)
   PSYC 1000. Introduction to Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1050)

2. Engineering Foundation ........................................................................................................... 33 s.h.
   ICEE 1010. Integrated Collaborative Engineering I (6) (F)
   ICEE 1020. Integrated Collaborative Engineering II (6) (P/C: ICE 1010; MATH 2171)

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   ICEE 2010. Integrated Collaborative Engineering III (4) (F) (P/C: ICE 1020; MATH 2172; PHYS 2350)
   ICEE 2020. Integrated Collaborative Engineering IV (4) (S) (P/C: ICE 1020; PHYS 2360)
   ICEE 3010. Engineering Systems and Problem Solving (3) (F) (P: Engineering Majors Only)
   ICEE 3020. Information System Engineering (3) (S) (P: ICEE 3010)
ICEE 4010. Senior Capstone Design Project I (2) (F) (P: ICEE 3020)
ICEE 4020. Senior Capstone Design Project II (3) (2) (S) (P: ICEE 4010)
ITEC 3290. Technical Writing (3) (WI) (F, S, SS) (P: ENGL 1200) .................................................. 20 s.h.
MATH 2171. Calculus I (4) (F, S, SS) (GE:MA) (P: MATH 1083 or 1085 or 2122 with a minimum grade of C)
MATH 2172. Calculus II (4) (F, S, SS) (GE:MA) (P: MATH 2171 or MATH 2122 with consent of instructor)
MATH 3100. Methods for Engineers/Scientists (4)
PHYS 2350, 2360. University Physics I, II (4, 4) (F, S, SS) (GE:SC) (C: MATH 2121 or 2171; P for PHYS 2360: PHYS 2350) .................................................. 33 s.h.

Systems Engineering:
SYSE 3010. Principles and Methods of Systems Engineering (3) (F) (P: ICEE 3010)
SYSE 3040. Introduction to Dynamic Systems and Controls (3) (S) (P: MATH 3100; SYSE 3060)
SYSE 3060. Systems Optimization (3) (F) (P: MATH 3100, 3307)
SYSE 4000. Integrated Systems Engineering (3) (S) (P: SYSE 3010)
SYSE 4010. Human-Machine Systems: Design and Analysis (3) (F) (P: SYSE 3010; MATH 3307)
SYSE 4065. Discrete System Simulation (3) (S) (P: MATH 3307)
15 s.h. Cognates as follows:
ENMA 3300. Introduction to Engineering Project Management (3) (WI) (P: ENGL 1200; DSCI MIS 2223 or ITEC 2000)
MATH 3307. Mathematical Statistics I (3) (F, S) (P: MATH 2172)
9 s.h. of 3000 or 4000 Technical Electives as approved by the Academic Adviser

BS in Industrial Distribution and Logistics

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

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below .................................................. 42 s.h.
   COMM 2410. Public Speaking (3) (F, S, SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F, S, SS) (GE:FA)
   ECON 2113. Principles of Microeconomics (3) (F, S, SS) (GE:SO)
   MATH 1065. College Algebra (3) (F, S, SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   PSYC 1000. Introductory Psychology (3) (F, S, SS) (GE:SO)
   PSYC 3241. Personnel and Industrial Psychology (3) (F, S, SS) (GE:SO)
   8 hours of general science.

2. Core ....................................................................................................................................... 48 s.h.
   IDIS 2770. The Industrial Distributor: Purpose and Functions (3) (F) (S)
   IDIS 2771. Introduction to Logistics (3) (F) (S)
   IDIS 2775. Blueprint Reading and Sketching (3) (F) (S) (SS)
   IDIS 3780. Warehousing and Materials Handling (3) (F) (S) (P: IDIS 2771)
   IDIS 3785. Global Logistics (3) (F) (S) (P: IDIS 2771)
   IDIS 3790. Technical Presentations for Industry (3) (F, S, SS)
   IDIS 3795. Distributor Sales (3) (S) (P: IDIS 2770)
   IDIS 3800: Transportation Logistics (3) (F) (S) (P: IDIS 2771)
   IDIS 3805. Purchasing Logistics (3) (F) (S) (P: IDIS 2771)
   IDIS 3815. Supply Chain Logistics (3) (F) (P: IDIS 2771)
   IDIS 4802: Distribution Research (3) (S) (P: Senior status and consent of instructor)
   ITEC 2054, 2065. Electricity/Electronics Fundamentals (3, 3) (F, S, SS) (P: MATH 1065 or 1066 or 1085 or 2119)
   ITEC 2090. Electromechanical Systems (3) (F, S, SS)

SECTION 7: ACADEMIC PROGRAMS

ITEC 3290. Technical Writing (3) (WI) (F, S, SS) (P: ENGL 1200)
ITEC 4300: Quality Assurance Concepts (3) (F, S, SS) (P: 18 s.h. of technology core courses)

3. Cognates .................................................................................................................................... 24 s.h.
   ACCT 2101. Survey of Financial and Management Accounting (3) (F, S) (P: MATH 1065)
   FINA 2244. Legal Environment of Business (3) (F, S, SS)
   FINA 3004. Survey of Financial Management (3) (P: ACCT 2101 or 2401; ECON 2113; MATH 2283)
   MATH 2283. Statistics for Business (3) (F, S, SS) (P: MATH 1065 or 1066 or equivalent)
   MGMT 3202. Fundamentals of Management (3) (F, S, SS) (P: ECON 2113)
   MKTG 3832. Marketing Management (3) (F, S, SS) (P: ECON 2113)
   Technical or business elective.
   Choose 3 s.h. computer-related elective from:
   DSCI MIS 2223. Introduction to Computers (3) (F, S, SS)
   ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F, S, SS)

4. Electives to complete requirements for graduation.

BS in Industrial Technology

Student must have an associate degree from an approved technical program. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below .................................................. 42 s.h.
   COMM 2410. Public Speaking (3) (F, S, SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F, S, SS)
ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)
PHYS 1250, 1260. General Physics (3,3) (F,S,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)
PHYS 1251, 1261. General Physics Laboratory (1,1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350; C for 1261: PHYS 1260 or 2260)
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO)

2. Core
Required industrial technology and technical transfer courses: Student must complete at ECU a minimum of 24 s.h. credit, 18 s.h. from 3000 level or above and 6 s.h. from 2000 level or above. Additional courses may be necessary to meet required prerequisites. Industrial technology courses completed at ECU and technical transfer courses must total 60 s.h. Courses needed to meet requirements may not include ITEC 3100, 4100 or any course that does not meet as a class.
Transfer technical courses up to 24 s.h.
ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
ITEC 3300. Technology Project Management (3) (WI) (F,S) (P: ENGL 1200; ITEC 2000 or DSCI MIS 2223 or equivalent experience)
ITEC 3800. Cost and Capital Project Analysis (3) (F, S) (P: MATH 1065; MATH 2283 or ITEC 3200)
ITEC 4293. Industrial Supervision (3) (WI) (F,S) (P: Senior standing or approval of instructor) Technology courses from area of emphasis minimum of 24 s.h. (approved by department chair)

3. Cognates
FINA 2244. Legal Environment of Business (3) (F,S,SS)
ITEC 3200. Introduction to Statistical Process Control (3) (F,S) (P: MATH 1065 or 1066 or equivalent) or MATH 2283.
Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
MATH 1074. Applied Trigonometry (2) (F,S,SS) (P: MATH 1065)

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ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F,S,SS) or ITEC 3000 Internet Tools Technology (3) (F,S)

4. Approved electives to complete requirements for graduation.

BS in Information and Computer Technology

Credit toward an Information and Computer Technology major will not be given for any ICTN course with a grade less than C. Minimum degree requirement is 128 s.h. credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all
Baccalaureate Degree Programs), including those listed below ........................................... 42 s.h.
   COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)
   PHYS 1250, 1260. General Physics (3,3) (F,S,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)
   PHYS 1251, 1261. General Physics Laboratory (1,1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350; C for 1261: PHYS 1260 or 2260)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO)

2. Lower Division Core ........................................................................................................... 24 s.h.
Complete an associate degree from an approved technical program and successfully obtain CCNA certification.
Note: Approved programs will have at least 24 s.h. of transferable technical course work.
Or complete the following courses:
   ICTN 1500, 1501. PC Hardware (3,0) (F,S)
   ICTN 2730. Control Design (3) (S) (P: ITEC 2000 or DSCI MIS 2223)
   ICTN 2000. Introduction to Telecommunications (3) (F) (P: MATH 1074 or higher)
   ICTN 2154, 2155. Digital Communication Systems (3,0) (F) (P: ICTN 1500)
   ICTN 2156, 2159. Computer Network Technology (3,0) (S) (P: ICTN 2154, 2155)
   ICTN 2510, 2511. Network Environment I (3,0) (F) (P: ICTN 1500)
   ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F,S,SS) or ITEC 3000. Internet Tools Technology (3) (F,S) (P: DSCI MIS 2223 or ITEC 2000 or equivalent experience) or equivalent.
   ITEC 2054, 2055. Electricity/Electronics Fundamentals (3,0) (F,S,SS) (P: MATH 1065 or 1066 or 1085 or 2119)

3. Upper Division Core ....................................................................................................... 21 s.h.
   ICTN 2900, 2901. Introduction to Network Security (3,0) (F) (P: ICTN 2154)
   ICTN 3530, 3531. Network Environment II (3,0) (S) (P: ICTN 1500)
   ICTN 3540, 3541. Network Environment III (3,0) (F) (P: ICTN 2510, 3530)
   ICTN 4040. Communication Security (3) (S) (P: Senior standing and ICTN 2154)
   IDIS 3790. Technical Presentations (3) (F,S,SS)
   ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
   ITEC 3390. Technology Project Management (3) (WI) (S) (P: ENGL 1200; ITEC 2000 or DSCI MIS 2223 or equivalent experience)

4. Concentration area (Choose one) ....................................................................................12 s.h.
   Computer Networking:

https://author.ecu.edu/cs-acad/fsonline/cu/cu2_052.cfm
ICTN 3250, 3251. Internetwork Routing Technology (3,0) (F): ICTN 2158 with a minimum grade of B or current CCNA certification
ICTN 4150, 4151. Switching Network Technology (3,0) (F): ICTN 2158 with a minimum grade of B or current CCNA certification
ICTN 4250, 4251. Enterprise Network Technology (3,0) (S): ICTN 2158 with a minimum grade of B or current CCNA certification

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MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)
PHYS 1250, 1260. General Physics (3,3) (F,S,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)
PHYS 1251, 1261. General Physics Laboratory (1,1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350; C for 1261: PHYS 1260 or 2260)
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO)

2. Core ........................................................................................................................................................................66 s.h.

DESN 2034, 2035. Engineering Graphics I (3,0) (F,S,SS) (P: Computer-related elective)
DESN 2036, 2037. Computer-Aided Design and Drafting (3,0) (F,S,SS) (P: DESN 2034, 2035)
DESN 3032, 3033. Engineering Graphics II (3,0) (S) (P: DESN 2034, 2035)
DESN 3236, 3237. Geometric Dimensioning and Tolerancing (3,0) (FY) (P: MATH 1065 or 1066, MATH 1074, ITEC 3200)
ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F,S,SS)
ITEC 2010. Introduction to Industry and Technology (3) (F,S,SS)
ITEC 2054, 2055. Electricity/Electronics Fundamentals (3,0) (F,S,SS) (P: MATH 1065 or 1066 or 1085 or 2119)
ITEC 2080, 2081. Thermal and Fluid Systems (3,0) (F,S) (C: ITEC 2000; MATH 1065)
ITEC 2090, 2091. Electromechanical Systems (3,0) (F,S,SS) (P: ITEC 2054, MATH 1065; C: ITEC 2000)
ITEC 3290. Technical Writing (3) (WII) (F,S,SS) (P: ENGL 1200)
ITEC 3292. Industrial Safety (3) (F,S,SS) (P: Junior standing; completion of 12 s.h. of industrial technology courses)
ITEC 3300. Technology Project Management (3) (F,S) (WII) (P: ENGL 1200; ITEC 2000 or DSCI MIS 2223)
ITEC 3800. Cost and Capital Project Analysis (3) (F,S) (P: MATH 1065; MATH 2283 or ITEC 3200)
ITEC 4293. Industrial Supervision (3) (WII) (F,S) (P: Senior standing or approval of instructor)
ITEC 4300. Quality Assurance Concepts (3) (F,S,SS) (P: 16 s.h. of technology core courses)
MANF 2075, 2077. Introduction to Computer Numerical Control (CNC) (3,0) (F,S) (P: ITEC 2000, 2010; DESN 2034, 2035)
MANF 3020, 3021. Computer Integrated Manufacturing (3,0) (WII) (F,S) (P: ITEC 2090; MANF 2076, 2077)
MANF 4020, 4021. Manufacturing System Planning (3,0) (F,S) (P: ITEC 3292; 4300; MANF 2020, 2021)
MANF 4023. Advanced Manufacturing Systems (3) (F,S) (P: MANF 4020, 4021)
MANF 4200. Work Methods and Ergonomic Analysis (3) (S) (P: MANF 3300)

3. Cognates..................................................................................................................................................................12 s.h.

FINA 2244. Legal Environment of Business (3) (F,S,SS)
ITEC 3200. Introduction to Statistical Process Control (3) (F,S) (P: MATH 1065 or 1066 or equivalent) or MATH 2283.
Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
MATH 1074. Applied Trigonometry (2) (F,S,SS) (P: MATH 1065)
Choose 4 s.h. CHEM electives, excluding CHEM 0150

4. Electives to complete requirements for graduation.

Information and Computer Technology Minor

The information and computer technology minor requires 24 s.h. of credit.
ICTN 1500, 1501. PC Hardware (3,0) (F,S)
ICTN 2000. Introduction to Telecommunications (3) (F) (P: MATH 1074 or higher)
ICTN 2154, 2155. Digital Communication Systems (3,0) (F,S) (P: ICTN 2000)
ICTN 2158, 2159. Computer Networking Technology (3,0) (S,SS) (P: ICTN 2154)
ICTN 2510, 2511. Network Environment I (3,0) (F) (P: ICTN 1500)
ICTN 2590, 2591. Introduction to Network Security (3,0) (F) (P: ICTN 2154)
ICTN 3530, 3531. Network Environment II (3,0) (S) (P: ICTN 1500)
ICTN 4040. Communication Security (3) (S) (P: ICTN 2154)

SECTION 7: ACADEMIC PROGRAMS

Industrial Supervision Minor

The industrial supervision minor requires 24 s.h. of credit as follows:
FINA 2244. Legal Environment of Business (3) (F,S,SS)
IDIS 2771. Introduction to Logistics (3) (F) (P: MATH 1065; IDIS 2771)
ITEC 3200. Introduction to Statistical Process Control (3) (F,S) (P: MATH 1065 or 1066 or equivalent) or MATH 2283.
Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
ITEC 3292. Industrial Safety (3) (F,S,SS) (P: Junior standing; completion of 12 s.h. of industrial technology courses)
ITEC 3300. Technology Project Management (3) (WI) (F,S) (P: ENGL 1200; ITEC 2000 or DSCI MIS 2223 or equivalent experience)
ITEC 3800. Cost and Capital Project Analysis (3) (F,S) (P: MATH 1065; MATH 2283 or ITEC 3200)
ITEC 4293. Industrial Supervision (3) (WI) (F,S) (P: Senior standing or approval of instructor)

**Occupational Safety and Health Minor**

Minimum requirement for environmental health minor is 24 s.h. of credit as follows:

- EHST 3700. Industrial Hygiene (3) (S) (P: 8 s.h. of general science lab courses or consent of dept chair)
- EHST 3701. Industrial Hygiene Lab (1) (S) (P: Consent of instructor; C: EHST 3700)
- EHST 3910. General Industry Safety (3) (F)
- EHST 3926. Construction Safety (3) (F)
- EHST 4200. Environmental Health Management and Law (3) (F)
- ITEC 3292. Industrial Safety (3) (F,S,SS) (P: Junior standing; completion of 2 s.h. of industrial technology courses)
- Choose 8 s.h. of general science lab courses

**DEPARTMENT OF PLANNING**

*Mulatu Wubneh, Chairperson, 119 Rawl*

**BS in Urban and Regional Planning**

Students entering the Department of Planning are encouraged to declare their major as soon as possible in accordance with university requirements. Minimum degree requirement is 126 s.h. of credit as follows:

1. **General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs).** Students intending to major in planning should be cognizant of prerequisites for required courses in the planning curriculum and make such courses a part of their general education coursework for transferable course work. ................................................................. 42 s.h.
2. **Core................................................................................................................................................................. 27 s.h.**
   - PLAN 3000. Urban Planning (3) (F,S,SS) or PLAN 3010. Regional Planning (3) (S,SS)
   - PLAN 3015. Planning for Circulation (3) (S) or PLAN 5065. Land Use Planning (3) (F)
   - PLAN 3020. Environmental Planning (3) (F)
   - PLAN 3021. Introduction to Planning Techniques (3) (F)
   - PLAN 3022. History and Theory of Planning (3) (WI) (F)
   - PLAN 3031. Quantitative Analysis in Planning (3) (S) (P: PLAN 3021 or consent of instructor)
   - PLAN 3032. Planning Legislation and Administration (3) (WI) (S)
   - PLAN 4003. Urban Form and Design (3) (F) or PLAN 4046. Planning and Design Studio (3) (S)
   - PLAN 4099. Practicum in Planning (3) (F,S) (WI)
3. **Skills courses ..................................................................................................................................................... 12 s.h.**
   - COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
- ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200) or ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)

**SECTION 7: ACADEMIC PROGRAMS**

- GEOG 3002. Coastal Geography (3) (WI) (S) (P: GEOG 1200 or 3200 or consent of instructor)
- GEOL 1550. Oceanography (4) (S) (GE:SC)
- HIST 5520. Maritime History of the Western World Since 1815 (3)
- SOCI 3410. Introduction to Marine Sociology (3) (GE:SO) (P: ANTH 1000 or SOCI 2110)

**Community Health:**

- EHS 2110. Introduction to Environmental Health Science (3) (F,S)
- EHS 3600. Air Pollution (3) (F) (P: EHS 2110 or consent of instructor)
- EHS 5800. Solid and Hazardous Waste Management (3) (P: CHEM 1160, 1161)
- HLTH 3001. Principles of Community Health Education (2) (S)
- HLTH 3030. Health Behavior (3) (WI) (S) (P: PSYC 1000)
- HPRO 4300. Survey of the Allied Health Professions (2)

**Decision Science:**

- DSCI MIS 2223. Introduction to Computers (3) (F,S,SS)
- DSCI MIS 3063. Management Information Systems I (3) (F,S,SS) (P: DSCI MIS 2223)
- DSCI MIS 4103. Decision Support Systems (3) (F,S) (P: DSCI MIS 3063)

**Economic Development:**

- ECON 3144. Intermediate Microeconomics (3) (F,S) (GE:SO) (P: ECON 2113)
- ECON 3244. Intermediate Macroeconomics (3) (F,S) (GE:SO) (P: ECON 2133)
- ECON 3353. Economics of Underdeveloped Countries (3) (GE:SO) (P: ECON 2133)
- ECON 4020. Industrial Organization (3) (WI) (S) (GE:SO) (P: ECON 3144)
- ECON 4850. Resource Economics (3) (GE:SO) (P: ECON 2133, 3144)

**Environmental Resources:**

- BIOL 1060. Environmental Biology (4) (F,S,SS) (GE:SC)
**Changes to pp. 288 of 2004 – 2005 catalog:**

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### SECTION 8: COURSES

**ACCT: ACCOUNTING**

2101. Survey of Financial and Managerial Accounting (3) (F,S) P: MATH 1065 or 1066. May not substitute for ACCT 2401 or ACCT 2521. May not count toward any College of Business requirement. Survey from a user perspective.

2401. Financial Accounting (3) (F,S,SS) P: MATH 1065 or 1066 or 2119 or 2121 or 2171. Basic concepts and transformation processes of accounting information system.

2521. Managerial Accounting (3) (F,S,SS) P: ACCT 2401. Accounting information systems for gathering and organizing data for planning and control of organization activities.

3101. Fraud Examination (3) P: ACCT 2101 or ACCT 2401. Study of the pervasiveness and causes of fraud in society; exploration of methods of fraud detection, investigation, and prevention. Special emphasis is placed on fraudulent financial reporting and its affect on capital markets. This course may not be used in the accounting concentrations.

3511. Intermediate Accounting I (3) (F,S,SS) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: ACCT 2521; P/C: FINA 3724. Concepts, principles, and transformations underlying compilation and presentation of financial statements.

3561. Intermediate Accounting II (3) (F,S,SS) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: ACCT 3551. Financial reporting theory, financial reporting problems, and contemporary financial accounting issues.

3621. Cost Accounting (3) (F,S) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: ACCT 2521. Types of cost accounting, including application and analysis of standard costs for planning, control, and product costing.

3731. Advanced and Nonprofit Accounting (3) (F,S) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: ACCT 3561. Accounting for business combinations, not-for-profit organizations, and international operations.

4451. International Accounting (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: FINA 3724. International financial reporting, accounting, and controllership.

4611. Controllership I (3) (WI) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: ACCT 3561. Controllership, including concepts of taxation and their effect upon business decision making and international accounting issues.

4621. Controllership II (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: ACCT 3561; C: DSCI MIS 3063. Controllership, including concepts of auditing with internal emphasis and not-for-profit sector accounting.

4651. Accounting Information Systems (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: ACCT 3561; DSCI MIS 3063. Procedures, techniques, and cycles. Emphasis on internal report generation and decision making.
461. Accounting Systems II (3) (FS) Registration preference given to declared and intended majors with minimum 2.5 GPA. P: ACCT 4651. Development of accounting systems for manual and automated environments. Emphasis on internal control and reporting requirements for management and GAAP.

4921. Accounting Problems (3) Registration preference given to declared majors with a minimum 2.5 GPA. P: ACCT 3561, 3621. Emphasis on areas of cost accounting, international accounting, business combinations, practical application, and audit.

ACCT Banked Courses

3581. Intermediate Accounting III (3) 4941. Topics in Accounting (3)
4821. Advanced Auditing (3) 4951. Legal Environment of Professional Accounting (3)

Changes to pp. 336 – 337 of 2004 – 2005 catalog:

DSCI: DECISION SCIENCES – for DSCI courses, see MIS and OMG

2223. Introduction to Computers (3) (F,S,SS) Basic concepts of data processing and computer programming.

3063. Management Information Systems I (3) (F,S,SS) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: DSCI 2223. Information systems in business and hardware and software tools to implement them.

3123. Operations Management (3) (F,S,SS) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Minimum grade of C in MATH 1066 or 2119 or 2121 or 2171; 2283; C: MGMT 3202. Organizations as integrated systems. Designing, planning, and controlling operating systems. Applications of programming and other techniques to organizational-problems.

3223. Business Decision Modeling (3) (F,S,SS) Formerly DSCI 3023 Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Minimum grade of C in DSCI 2223; MATH 1066 or 2119 or 2121 or 2171; 2283. Managerial problem solving and decision making skills using quantitative methods and computer skills.

3673. Software Design and Development (3) (F) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: DSCI major; DSCI 3063. Design and development of software for business applications.

3943. 3953. Topics in Decision Sciences (1,2) (F,S) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Consent of dept chair.

4113. Data Base Management Systems (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: DSCI 3063. Analysis of data base theory and practice.

4123. Distributed Information Systems (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: DSCI 3063. Detailed study of evolving communication technology and management problems associated with communication networks.

4133. Information Systems Management (3) (WI) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: DSCI 3063. Synthesis of management concepts and specific problems encountered in business information systems.

4163. Management Information Systems II (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: DSCI 3063. Analysis and design of business information systems.

4173. Management Information Systems III (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: DSCI 4163; P/C: DSCI 3673. Implementation of business information systems using current technologies.

4293. Statistical Analysis (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: MATH 1066 or 2119 or 2121 or 2171; 2283. Statistical hypothesis tests, simple and multiple linear regression and correlation, nonparametric methods, and analysis of variance.


4493. Management and Analysis of Quality (3) (F) Registration preference given to declared majors with a minimum 2.5 GPA. P: MATH 2228 or 2283 or equivalent. Quality management principles and applications in business enterprises. Topics include quality strategy and organization; international issues; supply chain quality; decision making; cost of quality; quality planning;

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improvement of product, process and service, including statistical process control and capability, and other basic techniques for quality improvement.

4733. Project Management (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: DSCI 3223. 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.

4743. Materials Management (3) (F) Registration preference given to declared majors with a minimum 2.5 GPA. P: DSCI 3123. Materials management as supporting function of production in organizations. Specific topics include materials handling, warehousing, purchasing, traffic, and physical distribution.

4763. Supply Chain Management (3) (S) Registration preference given to declared majors with a minimum 2.5 GPA. P: Junior standing; Minimum grade of C in MATH 2283 or 2228. Concepts in supply chain management and its role in global markets. Coverage focuses on analyzing supply chains, creating supplier networks, and evaluating the performance of a supply chain, with consideration of the role of information technology, ERP, e-procurement, e-commerce, and B2B technologies.

4963. Topics in Decision Sciences (3) (F,S,SS) Registration preference given to declared majors with a minimum 2.5 GPA. P: Consent of dept chair. Intended primarily for decision sciences majors.

4993. Cooperative Education (0) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: Consent of dept chair. Topics to supplement regular curriculum.

DSCI Banked Courses

4103. Decision Support Systems (3) 4633. Management Science II (3)
4393. Forecasting and Statistics for Operations 4723. Production Planning and Control (3)
Analysis (3)

ECON: ECONOMICS

2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO) Elements of microeconomics and introduction to macroeconomics.

Changes to pp. 353 of 2004 – 2005 catalog:

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3804. Measurement of Physical Activity and Fitness (3) (F,S,SS) 2 lecture hours and 1 lab hour per week. P: ASIP 2112 or DSCI MIS 2223; EXSS 2000; or consent of instructor. Practical methods for measuring physical activity and fitness. Application of data management and analysis to these measures.

3805. Physiology of Exercise (3) (F,S,SS) Formerly EXSS 4805 2 lecture and 2 lab hours per week. P: Health and human performance major or minor or consent of dept chair; BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850. Immediate and lasting effects of physical exercise on physical and chemical processes of human body.

3850. Introduction to Biomechanics (3) (F,S,SS) 2, 2-hour lecture/lab classes per week. P: BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850; PHYS 1250, 1251; or consent of instructor. Fundamentals of neuromuscular function and biomechanics of human movement in healthy, injured, and diseased populations.

3900. Elementary School Instruction in Physical Education (3) (FS) Extensive supervised practicum required. 1 lecture and 3 lab hours per week. P: Upper-division status; EXSS 2122, 2500, 2600, 2700, 2900. Skills and knowledge for teaching motor skills to children K-6.

3906. Physical Education for Special Populations (3) (WI) (F,S,SS) P: Upper-division status; EXSS 2323; SPED 2000; or consent of instructor. Procedures and techniques in physical education for special populations.

3950, 3951, 3952. Practicum in Exercise Physiology (1,1,1) (F,S) 10 lab hours per week. Must be taken in sequence. P: Consent of exercise physiology coordinator. Applied lab experiences in exercise physiology supervised by Human Performance Lab faculty.

4001, 4002, 4003. Special Topics In Exercise and Sport Science (1,2,3) May be repeated for a maximum of 6 s.h. with change of topic. New or advanced topics vary by current faculty applied research.
4278. Scuba Diving Instructor Training Course (3) Minimum of 80-hour training program. 3 2-hour sessions per week. P: EXSS 3278; minimum age of 18 to be reached on or before completion of the course; a minimum of 1 year of diving experience since receiving open water diving certification with a total of at least 50 logged dives with 25 hours of bottom time; good physical condition for scuba diving as verified by a medical examination within the past year; certification in first aid, diving rescue techniques, or lifesaving and cardiopulmonary resuscitation; a completed NAUI waiver release and indemnity agreement and a NAUI instructor training course statement of understanding; own diving equipment. National Association of Underwater Instructor training course to train and evaluate candidates for certification as NAUI instructors.

4300. Program Development and Management in Physical Education and Sports (2) (FS,SS) P: Upperdivision status and EXSS 2323; or consent of instructor. Theories, research, and practical applications in current management techniques and program development.

4301. Comparative Sport and Physical Education: International Aspects (3) (WI) (S,SS) Cultural, social, and political importance of sport and physical education around the world.

4323. Middle and High School Instruction in Physical Education (3) (FS) For preservice physical education teachers. 2 lecture and 2 lab hours per week. P: Upper-division status; EXSS 3510, 3520, 3530, 3540, 3900; P/C: EXSS 4804. Teaching skills appropriate for middle and high school instruction in physical education. Supervised teaching practicum and preparation for internship semester. Must pass with a minimum grade of C.

4324. Internship in Exercise and Sport Science (9) (FS) Full-time, semester-long internship. P: Upper-division status; completion of upper-division courses, except READ 3990, EXSS 4325; C: EXSS 4325. Observation and supervised teaching in assigned physical education public school classroom.

4325. Internship Seminar: Issues in Physical Education (1) (FS) P: Upper-division status; C: EXSS 4324. Individualized study of problems or issues pertinent in physical education pedagogy and the development of the Senior II Teaching Portfolio.

4500, 4501, 4502. Independent Study in EXSS (1,2,3) (WI) P: Consent of instructor. Individualized program developed through student initiative in consultation with designated instructor.

Changes to pp. 362 of 2004 – 2005 catalog:

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SECTION 8: COURSES

3047. Western Europe (3) (S) (GE:SO) Brief geographic survey of Europe and detailed regional study of nations located in western Europe.

3049. Latin America (3) (WI+) (GE:SO) Geographical analysis of political, social, economic and cultural transformations in contemporary Latin America.


3051. Asia (3) (S) (GE:SO) Geographic patterns, economy, population, and role of China, Korea, Japan, India, Pakistan, and Southeast Asia in world affairs.


3056. Middle America (3) (GE:SO) Lands and people of Caribbean, Mexico, and Central America.

3220. Soil Properties, Surveys, and Applications (3) (F) Saturday field trip may be required. P: GEOG 2250. Physical and chemical properties of soil, soil-water relationships, soil-forming factors, county soil reports, and soil applications that involve land management decisions.


3250. Environmental Hazards (3) (F) May not count toward general education social sciences requirement. P: GEOG 2200 or 2250. Various ways people and governments respond to natural and human-induced extreme events, human behavior in threatening or actual hazards, and public policies and programs designed to control or alleviate hazards.

3400. Quantitative Techniques in Geography (3) (F) May not count toward general education social sciences requirement. P: GEOG 2400 or consent of instructor. Introduces quantitative techniques used in solving geographic problems. Emphasis on use of statistical packages on mainframe and microcomputers for analysis of spatial data.


3450. Introduction to the Global Positioning System (3) (S) May not count toward general education social sciences requirement. P: GEOG 3410 or equivalent. Techniques for spatial referencing via a satellite-based navigation system.

3460. GIS Applications Programming (3) (F) May not count toward general education social sciences requirement. P: GEOG 3410; ASIP 2212 or CSCI 1610 or DSCI MIS 2223 or consent of instructor. Introduces GIS applications design, development, and deployment. Focuses on custom mapping user
interfaces; programmable solutions for spatial data display, analysis and manipulation; and custom GIS applications development.

3510. Physical Meteorology (3) (F) May not count toward general education social sciences requirement. P: GEOG 2200 or consent of instructor. Basic principles of atmospheric hydrostatics, thermodynamics, cloud and precipitation processes, and radiative transfer.

3520. Dynamic Meteorology (3) (S) May not count toward general education social science requirement. P: GEOG 2200 or consent of instructor. 3 lecture hours per week. Basic concepts and techniques of mathematics, thermodynamics, mechanics and fluid dynamics in the study of atmospheric motions and weather systems.

Changes to pp. 372 of 2004 – 2005 catalog:

SECTION 8: COURSES

4138. Health Data Structures (3) (S) Formerly HIMA 3038 P: HIMA 3120. Technical standards for health data structures. Emphasis on knowledge representation and content for computer-based health records systems.

4153. Management of Health Information Services Department (3) (W) Formerly HIMA 4052, 4057 P: HIMA 3030, 3035, 3050, 4055. Theoretical and practical applications of managerial functions of planning, organizing, and controlling health information services department. Emphasis on solving complex departmental problems.

4160. Concepts in Health Information Technology (3) (F) Formerly HIMA 4060 P: ASIP 2112 or DSCI MIS 2223; HIMA 3090. Major concepts of computer hardware, architecture, operating systems, and application software. Introduces data and databases. Reinforces ability to use selected general purpose microcomputer applications.

4165. Health Information Systems (3) (S) Formerly HIMA 4065 P: HIMA 4160. Role of computers in gathering, recording, interpreting, and transmitting health care data. Application of data and database concepts to information systems in health care.

HIST: HISTORY

1030. World Civilizations to 1500 (3) (WI*) (F,S,SS) (GE:SO) May receive credit for one of HIST 1030, 1552. Evolution of world civilizations from prehistory to 1500.

1031. World Civilizations Since 1500 (3) (WI*) (F,S,SS) (GE:SO) May receive credit for one of HIST 1031, 1553. World civilizations since 1500 and their economic, social, cultural, and political development.

1050. American History to 1877 (3) (WI*) (F,S,SS) (GE:SO) May receive credit for one of HIST 1050, 1550. History of US from discovery of America in 1492 to end of Reconstruction.

1051. American History Since 1877 (3) (WI*) (F,S,SS) (GE:SO) May receive credit for one of HIST 1051, 1551. History of US from Reconstruction to present.

1550. Honors, American History to 1877 (3) (F) (GE:SO) May receive credit for one of HIST 1050, 1550. P: By invitation or consent of instructor. History of US from discovery of America in 1492 to end of Reconstruction.

1551. Honors, American History Since 1877 (3) (WI*) (S) (GE:SO) May receive credit for one of HIST 1051, 1551. P: By invitation or consent of instructor. History of US from Reconstruction to present.

1552. Honors, World History to 1500 (3) (F) (GE:SO) May receive credit for one of HIST 1030, 1552. P: By invitation or consent of instructor. Evolution of world civilizations from prehistory to 1500.

1553. Honors, World History Since 1500 (3) (S) (GE:SO) May receive credit for one of HIST 1031, 1553. P: By invitation or consent of instructor. World civilizations since 1500 and their economic, social, cultural, and political development.


2222. Western Europe Since 1500 (3) (F) (GE:SO) History of Western Europe from Age of Discovery to present. Emphasis on development and growth of nation state system using Spain, France, England, and Germany as examples.

2444. The History of Sports in Western Society (3) (F) (GE:SO) Role of sports from ancient Greeks to twentieth century. Focus on how sports mirror historical developments and social and cultural trends.

3000. History: Its Nature and Method (3) (WI*) (F,S) (GE:SO) P: 6 s.h. in HIST. Introduction to historical thought and method and varieties and uses of history.

3005. Selected Topics in History (3) (WI*) (GE:SO) May be repeated for credit with change of topic. May count 3 s.h. toward HIST major or minor. Selected topics from historical perspective.

3010. Constitutional History of the United States to 1888 (3) (GE:SO) Constitutional development of US from colonial period through Waite Court.

Changes to pp. 386 of 2004 – 2005 catalog:

SECTION 8: COURSES
3020. Information Systems Engineering (3) (S) P: ICIE 3010. Fundamental knowledge of information systems, including formal systems and models. Use of data, information, and knowledge in organizations, information lifecycle; collection, storage, processing, retrieval, delivery; and overview of the various components of an information infrastructure. Includes computing platforms, software architectures, and telecommunications networks. Introduces integration and acquisition of information for decision-making using information technology.

4010. Senior Capstone Design Project I (2) (F) P: ICIE 3020. Senior capstone course involves open-ended design project, exposing students to practice of engineering design and problem solving. Emphasis on real problems and working with real clients. Students required to visit facilities, interact with client employees, determine on-site data measurement strategies, and perform any necessary literature search. Develop proposal for project to be performed in ICIE 4020.

4020. Senior Capstone Design Project II (2) (S) P: ICIE 4010. Senior capstone course involves open-ended design project, exposing students to practice of engineering design and problem solving. Emphasis on real problems and working with real clients. Students required to visit facilities, interact with client employees, determine on-site data measurement strategies and perform any necessary literature search. Perform and complete project proposed in ICIE 4010.

ICTN: INFORMATION AND COMPUTER TECHNOLOGY

1500, 1501. PC Hardware (3.0) (F,S) Formerly ELEC 2500, 2501 Must be taken concurrently. 2 lecture and 2 lab hours per week. P: MATH 1065 or higher. Hardware components of PCs and BIOS and operating system options needed to support those components. Topics include interface standards, component configuration, and troubleshooting.

2000. Introduction to Telecommunications (3) (F) Formerly ELEC 3000 P: MATH 1074 or higher. Includes computer networking. Broad view of technology and application in information technology industry.

2154, 2155. Digital Communication Systems (3.0) (F,S) Formerly ELEC 3154, 3155 To be taken simultaneously. 2 lecture and 2 lab hours per week. P: ICTN 2150, 3150; or 3058. Introduction to local-area and wide-area networks. Provides basic understanding of network concepts and router programming.

2158, 2159. Computer Networking Technology (3) (S) Formerly ELEC 3158, 3159 To be taken simultaneously. 2 lecture and 2 lab hours per week. P: ICTN 3154. Advanced study of local-area and wide-area networks. Develops competence in designing and implementing enterprise-wide campus network using routers and switches.

2510, 2511. Network Environment I (3.0) (F) Formerly ELEC 3510 Must be taken concurrently. 2 lecture and 2 lab hours per week. P: ICTN 1500. Network management using various NOS products. Topics include NOS setup, network resource management, user and group management, and security model.

2730. Control Design (3) (S) Formerly ELEC 2730 P: DSCI MIS 2223 or ITEC 2000 or equivalent experience. Technologies and applications in designing device controls applied for local area network and internet applications. Includes software programming and lower-level interface design.

2900, 2901. Fundamental Network Security (3.0) (F) Must be taken concurrently. 2 lecture and 2 lab hours per week. P: ICTN 2154. Computer network and information security principles, devices, and applications.

3250, 3251. Internetwork Routing Technology (3.0) (F) Formerly ELEC 3250, 3251 To be taken simultaneously. 2 lecture and 2 lab hours per week. P: ICTN 2158 with a minimum grade of B or current CCNA certification. Advanced network routing technology in industry. Topics include routing protocols and technology, network performance consideration, and traffic control over LAN and WAN.

3530, 3531. Network Environment II (3.0) (S) Formerly ELEC 3530 Must be taken concurrently. 2 lecture and 2 lab hours per week. P: ICTN 1500. Network management using various UNIX products, such as Linux and Solaris. Topics include NOS setup, network resource management, user and group management, and security model.

Changes to pp. 393 of 2004 – 2005 catalog:

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IITE

2054, 2055. Electricity/Electronics Fundamentals (3.0) (F,S,SS) Formerly ELEC 2054, 2055 2 classroom and 2 lab hours per week. P: MATH 1065 or 1066 or 1085 or 2119. Electronic components and circuits. Study of communications and industrial control systems.

2080, 2081. Thermal and Fluid Systems (3, 0) (F,S) P: ITEC 2000; MANF 2020, 2021. Basic elements of design and analysis of thermal and power systems including boilers, air conditioning, refrigeration, pumps, compressions, heat exchanges, and piping systems.

2090, 2091. Electromechanical Systems (3.0) (F,S,SS) P: ITEC 2054, 2055; C: MAATH 1065. A study of the design and analysis of electromechanical control systems. Includes the fundamentals of programmable controllers as well as practical applications of interfacing mechanical, electrical, pneumatic, and hydraulic systems and components.

3000. Internet Tools Technology (3) (F,S) P: DSCI MIS 2223 or ITEC 2000 or equivalent experience. Experience-based introduction to Internet applications, communications, and collaboration methods for industry and other technical environments.

3100. Internship in Industrial Technology (3) (F,S,SS) Minimum of 240 hours of supervised, full- or part-time industrial or technical work experience. P: Consent of instructor and at least one semester as a full-time ECU student. First experience in technical and managerial problems of industry. Participation in weekly seminar or completion of eight concept papers.

3200. Introduction to Statistical Process Control (3,0) (F,S) P: MATH 1065 or 1066 or equivalent. Examination of statistical measures, tools, and methods employed to analyze and control variation in industrial processes. Course covers measures of central tendency and variation, frequency distributions and use of variable and attribute control charts.

3290. Technical Writing (3) (WI) (F,S,SS) P: ENGL 1200. Practice in writing about technical problems of significance to student.
3292. Industrial Safety (3) (F,S,SS) Formerly EHST 3292 P: Junior standing; completion of 12 s.h. of industrial technology courses. Causes and prevention of occupational accidents and health hazards. Emphasis on organization and operation of safety programs and development of safety consciousness.

3300. Technology Project Management (3) (S) (WI) Formerly ELEC 3300 3 lecture hours per week. P: ENGL 1200; ITEC 2000 or MIS 2223 or equivalent experience. Systems needs analysis, identification, functional requirements analysis, IT project timelines, and system development progress metrics.

4100. Internship in Industrial Technology (3) (F,S,SS) Supervised internship for student with industrial or technical experience. Minimum of 240 hours of supervised work experience. May be taken concurrently with ITEC 3100. P: ITEC 3100 or consent of instructor. Work experience and participation in weekly seminar. For students not within commuting distance of ECU, participation in the seminar may be waived in lieu of concept papers.

4293. Industrial Supervision (3) (WI) P: Senior standing or approval of instructor. Fundamental and special techniques for supervising people in industrial or business work situation. Duties and responsibilities of supervisor. Emphasis on successful supervisory practices.

4300. Quality Assurance Concepts (3) (F,S,SS) P: 18 s.h. of technology core courses. Managerial, statistical, motivational, and technological aspects of quality control as practiced in manufacturing, construction, processing, and service industries.

5100. Internship in Industrial Technology (3) Supervised internship. P: Consent of graduate director. Placement in industrial or technical firm. Requires journal of related activities and final report.

ITEC Banked Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001. Industrial Technology Applications of</td>
<td>3</td>
</tr>
<tr>
<td>Computer Systems (0)</td>
<td>294. Principles of Industrial Training (3)</td>
</tr>
<tr>
<td>3030, 3091. Supervised Work Experience (2)</td>
<td>4290. Job Analysis: Procedures and Applications (3)</td>
</tr>
</tbody>
</table>

Insert on pp. 406 – 407 of 2004 – 2005 catalog:

SECTION 8: COURSES

4482. Managerial Negotiation (3) Registration preference given to declared majors with a minimum 2.5 GPA. P: MGMT 3202. Role of negotiation in management. Goal formation, buying and selling, employer-employee relations, and mergers and acquisitions. Various bargaining strategies and tactics.

4842. Business Policy (3) (WI) (F,S,SS) P: Senior standing; declared major in College of Business; MIS 3123; FINA 3724; MKTG 3832. Integrated analysis of administration and policy determination from overall management point of view under conditions of uncertainty.

4952. Topics in Management (3) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. May be repeated for credit with change of topic and consent of dept chair. P: Senior standing; MGMT 3202; consent of dept chair. Selected topics.

MGMT Banked Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>3203. Organizational Management (3)</td>
<td>4492. Personnel Decision Making (3)</td>
</tr>
<tr>
<td>4472. Compensation Management (3)</td>
<td>4992. Internship (0)</td>
</tr>
</tbody>
</table>

MIDG: MIDDLE GRADES EDUCATION

2123. Early Experiences for the Prospective Teacher (1) (F,S) Minimum of 16 hours of directed observations and planned participation in appropriate school environments and 8 hours of seminar class instruction. P: Sophomore standing or consent of instructor. Introduction to teaching for prospective middle-school teachers.

3001. The Middle Grades (3) (WI) 10 clock hours practicum. P/C: MIDG 2123. Nature of pre-adolescent and organizational structure of middle school which supports developmentally appropriate levels of each student. Emphasis on cognitive, social, moral, physical, and psychological development. Shadow experience with middle grades students.

3010. Middle Grades Curriculum and Planning (4) 12 practicum hours per week. P: Junior standing; MIDG 3001; C: MIDG 3022. Planning of curricular lessons, units, and courses of study in middle grades. Emphasis on organization of curriculum within structure of interdisciplinary planning, teaming, and instruction.

3022. Instructional Models and Strategies for Middle Grades (3) P: MIDG 3001; C: MIDG 3010. Repertoire of teaching/learning strategies appropriate for middle-level classroom. Emphasis on practice and integration of strategies into curriculum planning process introduced in MIDG 3010.

4001. Organization, Management, and Motivation in the Middle Grades Classroom (3) 12 hours of clinical experience per week. P: Upper division status; MIDG 3010, 3022; C: MIDG 4010; choose 2 from ENED or MIDG; or HIED or MATE or SCIE 4319. Emphasis on organization and management of middle grades classroom. Application of motivation theory through case study and simulation integrated throughout class.
4010. Instructional Evaluation in Middle Grades (3) P: Upper division status; MIDG 3010, 3022; C: MIDG 4001; choose 2 from ENED or MIDG; or HIED or MATE or SCIE 4319. Traditional and authentic assessment for both middle grades students and teachers.

4319. Teaching English/Language Arts in the Middle Grades (3) Same as ENED 4319 12 hours of clinical experience per week. May not count toward general education humanities requirement or as an advanced elective for ENGL majors. P: Admission to upper division; EDUC 3200; MIDG 3001, 3010, 3022; 10 s.h. in ENGL; C: MIDG 4001, 4010; HIED or MATE or SCIE 4319. Curriculum design and methods of teaching language arts in grades 6-9.

4324. Internship in the Middle Grades (10) Full-time, semester-long internship. P: Admission to upper division; EDTC 4001; EDUC 4400 or PSYC 4305; EDUC 3200; MIDG 4001, 4010; READ 5317; choose two methods courses from MIDG, HIIE, MATE, SCIE 4319; C: MIDG 4325. Structured clinical internship. Student teaches under supervision for extended period of time in two content areas in classroom situation.

4325. Internship Seminar: Issues in Middle Grades Education (2) C: MIDG 4324. Problems and/or issues vital to internship. Presentation of professional portfolio.

MIS: MANAGEMENT INFORMATION SYSTEMS

2223. Introduction to Computers (3) (F,S,SS) Formerly DSCI 2223 Basic concepts of data processing and computer programming.

3063. Introduction to Management Information Systems (3) (F,S,SS) Formerly DSCI 3063 Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: MIS 2223. Information systems in business and hardware and software tools to implement them.

3673. Software Design and Development (3) (F,S) Formerly DSCI 3673 Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: MIS major; MIS 3063. Design and development of software for business applications.

3943, 3953. Topics in Management Information Systems (1,2) (F,S) Formerly DSCI 3943, 3953 Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Consent of dept chair. Selected topics of contemporary interest in Management Information Systems.

4113. Data Base Management Systems (3) (F,S) Formerly DSCI 4113 Registration preference given to declared majors with a minimum 2.5 GPA. P: MIS 3063. Analysis of data base theory and practice.

4123. Telecommunications and Networked Systems (3) (F,S) Formerly DSCI 4123 Registration preference given to declared majors with a minimum 2.5 GPA. P: MIS 3063. Detailed study of evolving communication technology and management problems associated with communication networks.

4133. Managing Information Systems Resources (3) (WI) (F,S) Formerly DSCI 4133 Registration preference given to declared majors with a minimum 2.5 GPA. P: MIS 3063. Synthesis of management concepts and specific problems encountered in business information systems.

4163. Information Systems Analysis and Design (3) (F,S) Formerly DSCI 4163 Registration preference given to declared majors with a minimum 2.5 GPA. P: MIS 3063. Analysis and design of business information systems.

4173. Information Systems Development and Implementation (3) (F,S) Formerly DSCI 4173 Registration preference given to declared majors with a minimum 2.5 GPA. P: MIS 4163; P/J: MIS 3673. Implementation of business information systems using current technologies.

4963. Topics in Management Information Systems (3) (F,S,SS) Formerly DSCI 4963 Registration preference given to declared majors with a minimum 2.5 GPA. P: Consent of dept chair. Advanced topics of contemporary interest in Management Information Systems. Intended primarily for declared majors.

4993. Cooperative Education (0) (F,S) Formerly DSCI 4993 Registration preference given to declared majors with a minimum 2.5 GPA. P: Consent of dept chair. Topics to supplement regular curriculum.

MIS Banked Courses

4103. Decision Support Systems (3) Formerly DSCI 4103

MKTG: MARKETING

3832. Marketing Management (3) (F,S,SS) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: ECON 2113. Marketing concepts and their relevance to corporate objectives and methods of operation. Marketing environment, marketing mix, marketing planning and strategies implementation, and assessment of marketing performance.

3852. Cultural Environment of International Business (3) (F,S) Same as INTL 3852 Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Junior standing and completion of 3 s.h. in ECON. Cross-cultural differences in international relations and business management. Study of strategies/tactics to overcome cultural barriers to international trade, investment, and human relationships.
Insert on p. 424 of 2004 – 2005 catalog:

NURS Banked Courses

3050. Nursing Core I (2)
3250, 3251. Geriatric Nursing (3,0)
3901. Practicum in Concepts in Professional Nursing (2)

4050. Nursing Core II (3)
5460, 5461. Patient Education for Interdisciplinary Health Care Providers (3,0)

OMGT: OPERATIONS MANAGEMENT

3123. Operations Management (3) (F,S,SS) Formerly DSCI 3123 Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Minimum grade of C in MATH 1066 or 2119 or 2121 or 2171; 2283; C: MGMT 3202. Organizations as integrated systems. Designing, planning, and controlling operating systems. Applications of programming and other techniques to organizational problems.

3223. Business Decision Modeling (3) (F,S,SS) Formerly DSCI 3023 Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Minimum grade of C in MIS 2223; MATH 1066 or 2119 or 2121 or 2171; 2283. Managerial problem solving and decision making skills using quantitative methods and computer skills.

3843, 3853. Topics in Operations Management (1,2) (F,S) Registration preference given to declared and intended majors with a minimum 2.5 GPA. P: Consent of dept chair. Selected topics of contemporary interest in Operations Management.

4293. Statistical Analysis (3) (F,S) Formerly DSCI 4293 Registration preference given to declared majors with a minimum 2.5 GPA. P: MATH 1066 or 2119 or 2121 or 2171, 2283. Statistical hypothesis tests, simple and multiple linear regression and correlation, nonparametric methods, and analysis of variance.

4383. Supply Chain Systems (3) (S) Formerly DSCI 4383 Registration preference given to declared majors with a minimum 2.5 GPA. P: OMGT 3123. Application of technology to three key aspects of a supply chain's competitive advantage: product design, product demand estimation, and supply chain systems analysis.

4493. Management and Analysis of Quality (3) (F) Formerly DSCI 4493 Registration preference given to declared majors with a minimum 2.5 GPA. P: MATH 2228 or 2283 or equivalent. Quality management principles and applications in business enterprises. Topics include quality strategy and organization; international issues; supply chain quality; decision-making; cost of quality; quality planning; improvement of product, process and service, including statistical process control and capability; and other basic techniques for quality improvement.

4733. Project Management (3) (F,S) Formerly DSCI 4733 Registration preference given to declared majors with a minimum 2.5 GPA. P: OMGT 3223. 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.

4743. Materials Management (3) (F) Formerly DSCI 4743 Registration preference given to declared majors with a minimum 2.5 GPA. P: OMGT 3123. Materials management as supporting function of production in organizations. Specific topics include materials handling, warehousing, purchasing, traffic, and physical distribution.

4763. Supply Chain Management (3) (S) Formerly DSCI 4763 Registration preference given to declared majors with a minimum 2.5 GPA. P: Junior standing; Minimum grade of C in MATH 2283 or 2228. Concepts in supply chain management and its role in global markets. Coverage focuses on analyzing supply chains, creating supplier networks, and evaluating the performance of a supply chain, with consideration of the role of information technology, ERP, e-procurement, e-commerce, and B2B technologies.

4863. Topics in Operations Management (3) (F,S,SS) Registration preference given to declared majors with a minimum 2.5 GPA. P: Consent of dept chair. Advanced topics of contemporary interest in Operations Management. Intended primarily for declared majors.

4893. Cooperative Education (9) (F,S) Registration preference given to declared majors with a minimum 2.5 GPA. P: Consent of dept chair. Topics to supplement regular curriculum.

OMGT Banked Courses
PHIL: PHILOSOPHY

1110. Introduction to Philosophy (3) (W) (F,S,SS) (GE:HU) Introduction to some of the main philosophical questions about knowledge, existence, and value, e.g. What can we be certain of? Does God exist? What is the difference between right and wrong? Selected readings from major philosophers.

1115. Introduction to Ethics (3) (W) (F,S,SS) (GE:HU) Introduction to major ethical theories and to questions such as: What is justice? What is virtue? What are human rights? What is happiness?

1116. Introduction to Social and Political Philosophy (3) (F,S) (GE:HU) Philosophical basis of main social, political, and economic systems. Classic issues such as civil disobedience, justification of revolution, institution of private property, and redistribution of wealth.

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Insert on p. 446 of 2004 – 2005 catalog:

SECTION 8: COURSES


3325. Sociology of Human Sexuality (3) (F) (GE:SO) P: SOCI 2110 or consent of instructor. Human sexuality as part of social behavior and social interaction. Emphasis on sexuality as learned via social scripting.

3327. Introductory Medical Sociology (3) (GE:SO) P: SOCI 2110 or consent of instructor. Social aspects of health and health-related behavior.

3385. History of Sociology (3) (WI) P: SOCI 2110. Schools of sociological thought and development of scientific sociology from Comte to present.

3400. Introduction to Gender and Society (3) (GE:SO) P: SOCI 2110. Various expressions of masculinity and femininity and analysis of structure of gender inequality. Attention given to intersection of gender, race, and social class.


3500. Economy and Society (3) (GE:SO) P: SOCI 2110. Current state of sociological knowledge and research on economy as a social institution.


4001. Selected Topics in Sociology (3) 3 classroom and/or lab hours per week. May be repeated for maximum of 6 s.h. P: SOCI 2110; 6 s.h. of SOCI above 1999. Specialized topics and current developments.

4200. Advanced Techniques in Quantitative Sociology (3) 2 lecture and 2 lab hours per week. P: DSCI MIS 2223; SOCI 3213. Techniques of statistical analysis in applied sociology. How to select statistical methods, carry them out, and present results in technical reports. Emphasis on computer exercises using contemporary statistical software.

4201. Advanced Techniques in Applied Research (3) P: SOCI 3216. Major techniques in applied research (e.g., needs assessment, process and outcome assessment, organizational analysis, client and consumer surveys, cost-benefit analysis, key informant surveys, and focus groups). Effective techniques for presenting applied research results.

4202. Special Topics in Applied Research (3) P: Statistics or research design course; SOCI 2110. Topics vary based on current faculty applied research.

4320. Sociology of Law (3) (GE:SO) P: SOCI 2110. Legal system from social perspective. Emphasis on history of legal and punishment systems and their organization, socialization of participants, and alternatives to traditional organization.

4322. Law and Social Change (3) (F03) (GE:SO) P: SOCI 2110. Relationship between law and social change. Indepth analysis of social conditions leading to, and societal consequences of, such legal decisions as related to desegregation, age discrimination, abortion, euthanasia, and school prayer.


ACCOUNTING

Insert on p. 167 of 2004 – 2005 catalog:

ACCT 3551. Intermediate Accounting I (3) (F,S,SS) (P: ACCT 2521; P/C: FINA 3724)
ACCT 3561. Intermediate Accounting II (3) (F,S,SS) (P: ACCT 3551)
ACCT 3621. Cost Accounting (3) (F,S) (P: ACCT 2521)
ACCT 4611. Controllership I (3) (WI) (F,S) (P: ACCT 3561)
ACCT 4651. Accounting Information Systems (3) (F,S) (P: ACCT 3561; DSCI 3063)

5. Concentration area (Choose one.) ................................................................. 9 s.h.

Management Accounting:
ACCT 4621. Controllership II (3) (F,S) (P:ACCT 3561; DSCI 3063)
FINA 3244. Commercial Law (3) (F,S) (P: FINA 2244 or consent of instructor)
Choose 3 s.h. from:
DSCI 4393. Forecasting and Statistics for Operations Analysis (3) (S) (P: DSCI 3123 or equivalent)
OMGT 4383. Supply Chain Systems (3) (S) (P: OMGT 3123)

DSCI 4743. Materials Management (3) (F) (P: DSCI 3123)
FINA 3824. Financial Analysis and Planning (3) (F,S) (P: FINA 3724)
MGMT 4402. Human Resource Management (3) (F,S) (P: MGMT 3202)

Accounting Systems:
ACCT 4661. Accounting Systems II (3) (F,S) (P: ACCT 4651)
Choose 6 s.h. from:
DSCI 4113. Database Management Systems (3) (F,S) (P: DSCI 3063)
DSCI 4123. Distributed Information Systems (3) (F,S) (P: DSCI 3063)
DSCI 4383. Technology in Business Operations (3) (S) (P: DSCI 3123)
DSCI 4733. Project Management (3) (S) (P: DSCI 3023)

6. Electives (non-business electives to complete 60 s.h. outside the College of Business)

BSA/MSA (Five-Year, Combined Degree Program in Accounting)
The master of science in accounting provides academic preparation for professional careers in accounting. Students who successfully complete all program requirements are jointly awarded the BSA and MSA degrees at the end of five years of study.

Students who have been admitted to both the College of Business and the Department of Accounting may apply for admission to the BSA/MSA program during their sixth semester. Acceptance decisions are made after completion of 90 s.h. and are based on academic performance appropriate for graduate studies, score on the Graduate Management Admissions Test (GMAT), letters of recommendation, and other relevant information. Admission to the graduate program is a prerequisite to enrollment in any graduate course.

Applications for direct admission into the MSA program are invited from students with undergraduate degrees in accounting and from students with degrees in areas other than accounting. Required courses and other program requirements for each applicant must be individually determined. Minimum degree requirement for the combined program is 150 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below................................................. 42 s.h.

   BIOL 1060. Environmental Biology (4) (GE:SC) or CHEM 1020. General Descriptive Chemistry (4) (GE:SC) or
   GEOL 1700. Environmental Geology (4) (F,S) (GE:SC) or PHYS 1050. Physics and the Environment (4) (F,S,SS) (GE:SC)
   COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)
   ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)

SCHOOL OF MUSIC

Insert in appropriate order on p. 418 in 2004 – 2005 Catalogue

2207. The Enjoyment of Music (3) (F,S,SS) (GE:FA) Not open to MUSC majors. May not be taken by students who have credit for MUSC 2208. Basic materials of music and their utilization in understanding and
enjoyment of music of different styles and periods.

2208. Music Appreciation (2) (F,S,SS) (GE:FA). Not open to MUSC majors. May not be taken by students who have credit for MUSC 2207. Basic materials of music and their utilization in understanding and enjoyment of music of different styles and periods. Lecturers and live performances. Emphasis on aural awareness development.

Insert in appropriate order on p. 419 in 2004 – 2005 Catalogue

2257. Jazz Appreciation (3) (F,S,SS) (GE:FA) May not be taken by students who have credit for MUSC 2258. Basic materials of jazz music and their utilization in understanding and enjoyment of jazz music of different styles and periods.

2258. History of Jazz Music (2) (F,S,SS) (GE:FA) May not be taken by students who have credit for MUSC 2257. May count toward MUSC major electives. Jazz from its origin to present.

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INDUSTRIAL TECH--ENGINEERING

Insert on pp. 84 of 2004 – 2005 catalog:

PRE-PROFESSIONAL AND TWO-YEAR CURRICULA

Students desiring to enter the fields of dentistry, engineering, law, medicine, ministry, optometry, pharmacy, and veterinary medicine may take their pre-professional training at East Carolina University. The courses of study are based on the requirements of various professional schools and recommendations of national organizations qualified to represent their respective fields. Since there are minor differences in admission requirements, a student should know the requirements of the school he or she expects to attend. For further information, students should consult the appropriate advisers. Students in pre-medical, pre-dental, pre-optometry, and pre-veterinary curricula should register their interest with the pre-health professions adviser in the Office of Undergraduate Advising and Academic Support, B-103 Brewster.

PRE-ENGINEERING CURRICULUM

Beginning Fall 2004, East Carolina University will offer a Bachelor of Science in Engineering with a concentration in systems engineering. Students interested in other engineering programs may complete a pre-engineering sequence of courses at ECU and then transfer to another school to complete their degree. Additional information is available through the Department of Industrial Technology. The following is a typical sequence of courses for pre-engineering students during their first two years:

First Year
Fall: ENGL 1100, MATH 2171; CHEM 1150, 1151; DESN 2014, 2015; 2 s.h. of electives chosen from history, political science, literature, anthropology, psychology, sociology, philosophy, and religion ............................................................ 17 s.h.
Spring: ENGL 1200, MATH 2172; CHEM 1160, 1161; PHYS 1251, 1252; 2 s.h. of electives chosen from history, political science, literature, anthropology, psychology, sociology, philosophy, and religion .............................................................. 16 s.h.

Second Year
Fall: MATH 2173; PHYS 1261, 1262; CSCI 2510 or 2600; 6 s.h. of electives chosen from history, political science, literature, anthropology, psychology, sociology, philosophy, and religion ................................................................. 17.18 s.h.
Spring: ECON 2113; MATH 2311; 6.9 s.h. of electives chosen from history, political science, literature, anthropology, psychology, sociology, philosophy, and religion ................................................................. 15 s.h.

Insert on pp. 274-275 of 2004 – 2005 catalog:

BS in Engineering (BSE)

Admission to the university does not guarantee admission to the BSE program. Upon admission to the university, students who have 1100 SAT scores or equivalent and have completed the second year of high school algebra with a grade of B or better may apply for admission to the engineering program. Students who have an associate degree from an approved pre-engineering program will be directly admitted into the BSE program. All other students with transfer hours will be individually evaluated for program credit. Current ECU students transferring from the General College or other campus programs must have a minimum 2.5 GPA and have completed prerequisites for MATH 2171 with a grade of B or better.

Entering freshmen should submit an ECU admission application package, high school transcript, and SAT and/or ACT scores for admission consideration. Associate degree students should submit transcripts and two letters of recommendation from faculty. ECU general college students should obtain permission from the program coordinator.

Minimum degree requirement for the engineering program is 128 s.h. credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below: ................................................................. 42 s.h.
   BIOL 1100, 1101. Principles of Biology and Laboratory 1 (3,1) (4,0) (F,S,SS) (GE:SC)
CHEM 1150, 1151. General Chemistry and Laboratory I (3, 1) (F, S, SS) (GE:SC) (P: CHEM placement test or passing grade in CHEM 0150; P:C: MATH 1065; C for 1150: CHEM 1151; C for 1151: CHEM 1150)
COMM 2410. Public Speaking (3) (F, S, SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F, S, SS) (GE:FA)
ECON 2113. Principles of Microeconomics (3) (F, S, SS) (GE:SO)
MATH 1085. Introduction to Functions (3) (F, S, SS) (GE:MA) (P: Consent of dept chair)
PHIL 2275. Professional Ethics (3) (WI) (F, S, SS) (GE:HU)
PSYC 1000. Introduction to Psychology (3) (F, S, SS) (GE:SO)
PSYC 3241. Personnel and Industrial Psychology (3) (F, S, SS) (GE:SO) (P: PSYC 1000 or 1050)

2. Engineering Foundation
ICEE 1010. Integrated Collaborative Engineering I (6) (F) (C: MATH 1083)
ICEE 1020. Integrated Collaborative Engineering II (6) (S) (P:C: ISEE 1010; C: MATH 2171)
ICEE 2010. Integrated Collaborative Engineering II (4) (F) (P:C: ISEE 1020; C: MATH 2172; PHYS 2350)
ICEE 2020. Integrated Collaborative Engineering IV (4) (S) (P:C: ISEE 2010; C: PHYS 2360)
ICEE 3010. Engineering Systems and Problem Solving (3) (F) (P: Engineering Majors Only; ISEE 2020)
ICEE 3020. Information System Engineering (3) (S) (P: ISEE 3010)
ICEE 3060. Systems Optimization (3) (S) (Formerly SYSE 3060) (P: MATH 3100, 3307)
ICEE 3300. Introduction to Engineering Project Management (3) (S) (WI) (Formerly ENMA 3300) (P: ENGL 1200; C: ISEE 3060)
ICEE 4000. Quality Systems Design (3) (S) (Formerly ENMA 4000) (P: ISEE 3060; MATH 3307)
ICEE 4010. Senior Capstone Design Project I (2) (F) (P: ISEE 3020)
ICEE 4020. Senior Capstone Design Project II (3-2) (S) (P: ISEE 4010)
ITEC 3290. Technical Writing (3) (WI) (F, S, SS) (P: ENGL 1200)

3. Cognates
MATH 2171. Calculus I (4) (F, S, SS) (GE:MA) (P: MATH 1083 or 1085 or 2122 with a minimum grade of C)
MATH 2172. Calculus II (4) (F, S, SS) (GE:MA) (P: MATH 2171 or MATH 2122 with consent of instructor)
MATH 3100, Mathematical Methods for Engineers- and Scientists (4) (F, S, SS) (P: MATH 2172; or evident; or consent of instructor)
MATH 3307, Mathematical Statistics I (3) (S) (P: MATH 2172)
PHYS 2350, 2360. University Physics I, II (4,4) (F, S, SS) (GE:SC) (C: MATH 2121 or 2171; P for PHYS 2360; PHYS 2350)

4. Concentrations (Choose one)

Bio Engineering:
BIOE 3000. Bioprocess Engineering Systems (3) (F) (P: BIOL 1100; ISEE 2020)
BIOE 3500. Bioprocess Validation and Quality Engineering (3) (S) (P: BIOE 3000; MATH 3307)
BIOE 4010, 4011. Bioprocess Separation Engineering (3,0) (F) (P: BIOE 3000)
BIOE 4020. Bioprocess Plant Design, Simulation and Analysis (3) (S) (P: ISEE 3060; MATH 3307)
BIOL 2110. Fundamentals of Microbiology (3) (F) (P: BIOL 1050, 1051; or 1100, 1101; or equivalent; 8 s.h. in CHEM)
CHEM 3650, Organic Chemistry for the Life Sciences (4) (F) (P: CHEM 1160, 1161)
CHEM 2651, Organic Chemistry Lab for the Life Sciences (1) (F) (C: CHEM 2650)
4 s.h. of 3000 or 4000 Level Technical Electives as approved by the Academic Adviser

Engineering Management:
ENMA 3000. Introduction to Engineering Management (3) (F) (P: ISEE 3010)
ENMA 4010. Entrepreneurship and Intellectual Property (3) (F) (P: ENMA 3000; MATH 3307)
ENMA 4020. Analysis of Production Systems (3) (S) (P: ISEE 3060; MATH 3307)
ENMA 4030, Engineering Logistics (3) (S) (P: ISEE 3060; MATH 3307)
SYSE 4065, Discrete System Simulation (3) (S) (P: MATH 3307)
9 s.h. of 3000 or 4000 Level Technical Electives as approved by the Academic Adviser

Systems Engineering:
SYSE 3010, Principles and Methods of Systems Engineering (3) (F) (P: ISEE 3010)
SYSE 3040. Introduction to Dynamic Systems and Controls (3) (S) (P: ISEE 3060; MATH 3307; SYSE 3060)
SYSE 3060, Systems Optimization (3) (F) (P: MATH 3100, 3307)
SYSE 4000. Integrated Systems Engineering (3) (S) (P: SYSE 3010)
SYSE 4010, Human-Machine Systems: Design and Analysis (3) (F) (P: SYSE 3010; MATH 3307; SYSE 3010)
SYSE 4065, Discrete System Simulation (3) (S) (P: MATH 3307)
15 s.h. Cognates as follows:
ENMA 2200. Introduction to Engineering Project Management (3) (S) (WI) (P: ENGL 1200; DSCI 2223; or ITEC 2000)
MATH 3307, Mathematical Statistics I (3) (F) (P: MATH 2172)
9 s.h. of 3000 or 4000 Level Technical Electives as approved by the Academic Adviser

Insert on pp. 285 - 287 of 2004 – 2005 catalog:
ART | Art and Design | College of Fine Arts and Communication
ASEU | Area Studies-European Studies | Thomas Harriot College of Arts and Sciences
ASIA | Asian Studies | Thomas Harriot College of Arts and Sciences
ASIP | Administrative Services and Information Processing | College of Education
ASLS | American Sign Language Studies | School of Allied Health Sciences
BIME | Biomedical Engineering | College of Technology and Computer Science
BIOC | Biochemistry | Brody School of Medicine
BIOE | Bio Engineering | College of Technology and Computer Science
BIOI | Biology | Department of Biology
BIOS | Biostatistics | School of Allied Health Sciences
BISc | Biological Sciences | Brody School of Medicine
BVTE | Business, Career, and Technical Education | College of Education
CDFR | Child Development and Family Relations | College of Human Ecology
CHEM | Chemistry | Department of Chemistry
CHIN | Chinese | Department of Foreign Languages and Literatures
CLAS | Classical Studies | Thomas Harriot College of Arts and Sciences
CLSC | Clinical Laboratory Science | School of Allied Health Sciences
CMEG | Comparative Medicine | Brody School of Medicine
CMGT | Construction Management | College of Technology and Computer Science
COAD | Counselor and Adult Education | College of Education
COAS | Coastal and Marine Studies | Thomas Harriot College of Arts and Sciences
COHE | Community Health | School of Allied Health Sciences and College of Health and Human Performance
COMM | Communication | College of Fine Arts and Communication
CRM | Coastal Resources Management | Graduate School
CSCI | Computer Science | College of Technology and Computer Science
CSDI | Speech and Hearing Sciences | School of Allied Health Sciences
DES | Design and Drafting | College of Technology and Computer Science
DNCE | Dance | College of Fine Arts and Communication
DRED | Driver Education | College of Health and Human Performance
DSCI | Decision Sciences | College of Business
DTEC | Digital Communications Technology | College of Technology and Computer Science
ECON | Economics | Department of Economics
EDTC | Educational Technology | College of Education
EDUC | Education | College of Education
EHIST | Environmental Health | College of Health and Human Performance
ELEC | Electricity/Electronics | College of Technology and Computer Science
ELEM | Elementary Education | College of Education
ELET | Electronics Engineering Technology | College of Technology and Computer Science
ENED | English Education | College of Education
ENET | Environmental Engineering Technology | College of Technology and Computer Science
ENGL | English | Department of English
ENMA | Engineering Management | College of Technology and Computer Science

Insert on pp. 306 of 2004 – 2005 catalog:

(BEFORE BIOL: BIOLOGY)

BIOE: BIO ENGINEERING


3500. Bioprocess Validation and Quality Engineering (3) (F) P: BIOE 3000; MATH 3307. Overview of bioprocess validation and quality control systems that ensure safe products, reduce the risk of adverse reactions, and avoid recalls. Emphasizes cost effectiveness and level of validation required for different phases of development, license application, and process improvements.

4010, 4011. Bioprocess Separation Engineering (3) (F) 2 Lecture and 2 Lab hours per week. P: BIOE 3000. Unit operations used in biological processing useful in product isolation and purification. Solid-liquid separation, filtration, centrifugation, cell disruption, isolation, purification, chromatography and drying.

4020. Bioprocess Plant Design, Simulation and Analysis (3) (S) P: ICEE 3060; MATH 3307. Engineering principles for design of systems for processing biological materials into primary and secondary products and study of techniques for mathematically describing biological systems. Covers delivery scheduling, storage requirements, economic analysis, process control and instrumentation of bioprocess plants.

Insert on pp. 350 of 2004 – 2005 catalog:

ENMA: ENGINEERING MANAGEMENT

3000. Introduction to Engineering Management (3) (F) P: Engineering Majors Only; ICEE 3010. Introduces principles of management and organization as applicable to engineering profession. Special emphasis on project management, systems engineering and analysis, team building, quality leadership, planning, and quantitative decision making. Includes topic exercises, case studies, and extensive writing assignments.

4010. Entrepreneurship and Intellectual Property (3) (F) P: ENMA 3000; MATH 3307. Understanding of the new technological product development process and the role of engineering entrepreneurship in managing the process. Emphasis will be placed on technological opportunity recognition and evaluation, and the early technological and marketing stages.

4020. Analysis of Production Systems (3) (S) P: ICEE 3060; MATH 3307. Tools and approaches for design and analysis of production systems. Covers strategy, aggregate planning, inventory, location, layout, and production control systems.

4030. Engineering Logistics (3) (S) P: ICEE 3060; MATH 3307. Study of logistics from a systems engineering perspective. Covers design of systems for supportability and serviceability, the production and effective distribution of systems for customer use, and the sustaining maintenance and support of systems throughout their period of utilization.

Insert on pp. 385-386 of 2004 – 2005 catalog:

ICEE: INTEGRATED COLLABORATIVE ENGINEERING ENVIRONMENT CORE

1010. Integrated Collaborative Engineering I (6) (F) 4 lecture and 4 lab hours per week. C: MATH 1083. Introduces engineering profession and basic tools and concepts of engineering. Team taught, providing immersive and hands-on experience in engineering practice areas including graphics, professional practice, environmental issues, systems thinking and basic concepts in machinery, controls, digital circuits, and data analysis.

1020. Integrated Collaborative Engineering II (6) (S) 4 lecture and 4 lab hours per week. P: ICEE 1010. C: MATH 2171. Basic engineering concepts of project analysis and business planning for engineering entrepreneurship. Tools of design analysis involving static forces, stress, shear, torsion and moments. Lab covers use of spreadsheets to evaluate engineering alternatives and mathematical analytical software plus analysis of engineering materials, including tests of stress, fastening methods, and fabrication.

1030. Integrated Collaborative Engineering III (4) (F) 3 lecture and 2 lab hours per week. P: ICEE 1020. C: MATH 2172; PHYS S 2350. Covers advanced topics in engineering fundamentals in particle and rigid body dynamics, and thermal and fluid systems. Lab covers design related kinematics, measurement of thermal and fluid system characteristics, and hydraulic and pneumatic component applications, and application of engineering software to analyze engineering problems.

1040. Integrated Collaborative Engineering IV (4) (S) 3 lecture and 2 lab hours per week. P: ICEE 2010. C: PHYS 2360. Covers advanced engineering fundamentals of fluid flow, buoyancy, and stability. Analyzes and design of electrical circuits including amplification, resonance, and three phase power distribution. Lab covers design of fluid systems and electrical circuits, including use of electrical instrumentation.

3010. Engineering Systems and Problem Solutions (3) (F) P: ICEE 2020 Engineering Majors Only. Explores systems approach to design, analysis, and engineering of complex systems. Studies thermal and fluid systems using mathematical and software tools. Prepares student to conduct and manage a systems analysis process, including selection of appropriate system analysis methods to formulate, design, and manage resolution of complex system based problems.

3020. Information Systems Engineering (3) (S) P: ICEE 3010. Fundamental knowledge of information systems, including formal systems and models. Use of data, information, and knowledge in organizations, information lifecycle; collection, storage, processing, retrieval, delivery; and overview of the various components of an information infrastructure. Includes computing platforms, software architectures, and telecommunications networks. Introduces integration and acquisition of information for decision-making using information technology.

3060. System Optimization (3) (F) (Formerly SYSE 3060) P: MATH 3100, 3307. Introduces mathematical tools applied to system optimization, including problem formulation, identification of decision variables, use of graphical methods, linear programming, concepts of duality, and sensitivity analysis. Applications include transportation, network analysis, project management and other engineering areas.

3300. Introduction to Engineering Project Management (3) (S) (WI) (Formerly ENMA 3300) P: ENGL 1200; MATH 3307. System needs and analysis identification, functional requirements analysis, project timelines, network analysis, and system development progress metrics.

4000. Quality Systems Design (3) (S) (Formerly ENMA 4000) P: ICEE 3060; MATH 3307. Emphasis on analytical procedures associated with Statistical Quality Control and Statistical Process Control. Includes relationships and analytical procedures, concepts, and philosophies of modern approaches to maintenance and improvement of process quality.

4010. Senior Capstone Design Project I (2) (F) P: ICEE 3020. Senior capstone course involves open-ended design project, exposing students to practice of engineering design and problem solving. Emphasis on real problems and working with real clients. Students required to visit facilities, interact with client employees, determine on-site data measurement strategies, and perform any necessary literature search. Develop proposal for project to be performed in ICEE 4020.

4020. Senior Capstone Design Project II (2) (S) P: ICEE 4010. Senior capstone course involves open-ended design project, exposing students to practice of engineering design and problem solving. Emphasis on real problems and working with real clients. Students required to visit facilities, interact with client employees, determine on-site data measurement strategies, and perform any necessary literature search. Perform and complete project proposed in ICEE 4010.

Insert on pp. 455-456 of 2004 – 2005 catalog:

SYSE: SYSTEMS ENGINEERING

3010. Principles and Methods of Systems Engineering (3) (F) P: ICEE 3010. Examines variety of systems engineering topics, extending work completed in previous SYSE courses. Areas of development include systems engineering foundations, systems engineering methodologies and processes, limitations of systems engineering for complex systems, “ilities” for design of complex systems, human element in systems engineering, complex system transformation, interoperability and system architecture, planning for systems engineering, risk analysis and management, systems engineering capability maturity assessment and development, organization for performing systems engineering, and introduction to systems of systems engineering.

3040. Introduction to Dynamic Systems and Controls (3) (S) P: ICEE 3060; MATH 3100, SYSE 3300. Covers application of mathematical and analytical tools to analyze and design automated control systems for dynamic systems. Topics include block diagrams, transfer functions, stability, time response, frequency domain analysis, and other topics required to design control systems for physical systems.

3060. System Optimization (3) (F) P: MATH 3100, 3307. Introduces mathematical tools applied to system optimization, including problem formulation, identification of decision variables, use of graphical methods, linear programming, concepts of duality, and sensitivity analysis. Applications include transportation, network analysis, project management and other engineering areas.
**CONSTRUCTION MANAGEMENT**

*Insert on pp. 271 – 272 of 2004 – 2005 catalog:*

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**DEPARTMENT OF CONSTRUCTION MANAGEMENT**

*Douglas W. Kruger, Chairperson, 326 Rawl Building*

**Admission**

Upon admission to the university, students may declare a major in construction management. Students who have an associate degree from an approved technical program will be admitted directly into the Construction Management Transfer Program (48 s.h.). All other students with transfer hours will be individually evaluated for program credit. Current ECU students or those from other campus programs must have a minimum GPA of 2.0 for admission to the CMGT department.

Those ECU students intending to transfer to Construction Management or those from other campus programs having less than a 2.0 GPA will not be advised by construction management faculty. These students will not be eligible to take construction management courses designated for CMGT majors only. Academic advisors are encouraged to guide these students into general education classes that meet CMGT degree requirements while bringing up their GPA.

CMGT majors and minors are required to achieve a minimum grade of C in the following courses in order to progress to subsequent courses: CMGT 2110, 2211, 2660, 2661, 2664, 2665, 3664, **4660, 4662**. Students earning less than a C in any of these courses must repeat the course before any subsequent CMGT course may be taken.

**BS in Construction Management**

The construction management program is accredited by the American Council for Construction Education. Minimum degree requirement is 126 s.h. credit as follows:

1. **General education requirements** (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below .................................................. 42 s.h.

   COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)

   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO)

   ECON 2133. Principles of Macroeconomics (3) (F,S,SS) (GE:SO) (P: ECON 2113)

   GEOL 1500. Dynamic Earth (3) (F,S,SS) (GE:SC)

   GEOL 1501. Dynamic Earth Laboratory (1) (F,S,SS) (GE:SC) (C: GEOL 1500)

   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair)

   PHYS 1250. General Physics (3) (F,S,SS) (GE:SC) (P: MATH 1065 or 1066)

   PHYS 1251. General Physics Laboratory (1) (F,S,SS) (GE:SC) (C: PHYS 1250 or 2350)

   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)

2. **Core (Choose one.)*.................................................. 49-52-55 s.h.

   **Construction Management (35 s.h.):**

   CMGT 2210, 2211. Construction and Civil Materials (3,0) (F,S,SS) (P: Majors and minors only)

   CMGT 2660, 2661. Structural Systems, Materials and Codes (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2210)

   CMGT 2664, 2665. Interior and Exterior Finishes and Systems (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2660)

   CMGT 2800. Foundations of Construction (3) (F,S,SS) (P: Minimum grade of C in CMGT 2210; computer-related elective)

   CMGT 3000. Construction Work Experience and Professional Development (1) (F,S) (P: Consent of dept chair)

   CMGT 3100, 3101. Architectural Plans and Analysis (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2660; 2800; MATH 1065 or 1066; P/C: CMGT 2664, 2665)

   CMGT 3660. Structural Analysis (3) (F,S,SS) (P: Minimum grade of C in CMGT 2664; MATH 1074 or 1075 or equivalent; PHYS 1250, 1251)

   CMGT 3662, 3663. Mechanical and Electrical Construction (3,0) (F,S) (P/C: CMGT 3100)

   CMGT 3664. Construction Contracts and Specifications (3) (F,S,SS) (P: Minimum grade of C in CMGT 2664; P/C: CMGT 3100)

   CMGT 3666, 3667. Construction Surveying (3,0) (F,S,SS) (P: CMGT 3100; MATH 1074 or 1075 or equivalent)

   CMGT 3726. Construction Project Safety Management (3) (F,S) (P: Minimum grade of C in 3664)

   CMGT 3766, 3767. Soils and Foundations (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2664; GEOL 1500, 1501; MATH 1074 or 1075 or equivalent; PHYS 1250, 1251)
CMGT 4600, 4601. Managing Building Quality (3,0) (WI) (F,S) (P: CMGT 3662; 4660; ITEC 3290; P/C: CMGT 4662)
CMGT 4660. Construction Estimating (3) (F,S) (P: Minimum grade of C in CMGT 3664; P/C: CMGT 3660)
CMGT 4662. Construction Planning and Scheduling (3) (F,S) (P: Minimum grade of C in CMGT 4660; students with a 2.75 or higher cumulative GPA may take CMGT 4660 as a corequisite)
CMGT 4664. Construction Supervision (3) (F,S) (P: Minimum grade of C in CMGT 4660 and CMGT 4662)
CMGT 4666. Equipment Management (3) (F,S) (P: CMGT 3660, 3766)
CMGT 4668. Human Side of Project Management (3) (F,S) (P: CMGT 4600; MGMT 3202)
ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)

**Construction Management Transfer Program (4952 s.h.):**

Students who hold an associate degree from an approved technical program must transfer courses and take courses at ECU that meet the competencies of the construction management core listed above. Students must complete at ECU a minimum of 24-28 s.h. credit, 18-22 s.h. from 3000 level or above (must include CMGT 3000, 4600, 4660, 4662, 4664, 4668) and 6 s.h. from 2000 level or above. Additional courses may be necessary to meet required prerequisites. Construction management/industrial technology courses completed at ECU and technical transfer courses must total a minimum of 4052 s.h. Courses needed to meet requirements must meet as scheduled classes.

3. Cognates ........................................................................................................................................ 27 24 s.h.
ACCT 2101. Survey of Financial and Managerial Accounting (3) (F,S) (P: MATH 1065)
EHST 3060, 3061. Environmental Issues in Construction (4,0) (F,S) (P: GEOL 1500, 1501)
FINA 2244. Legal Environment of Business (3) (F,S,SS)
MATH 1074. Applied Trigonometry (2) (F,S,SS) (P: MATH 1065) or transfer credit for MATH 1075 or equivalent.
MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
MGMT 3202. Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)
MKTG 3832. Marketing Management (3) (F,S,SS) (P: ECON 2113)

**PSYC 3241. Personality and Industrial Psychology (3) (F,S,SS) (CE;SS)**
Choose 3 s.h. computer-related elective from:
- DSCI 2223. Introduction to Computers (3) (F,S,SS)
- ITEC 2000. Industrial Technology Applications of Computer Systems (3) (F,S,SS)

4. Electives to complete requirements for graduation.

**Construction Management Minor**
The construction management minor requires 27 s.h. of credit as follows:

**Required courses .................................................................................................................................. 27 s.h.**
CMGT 2210, 2211. Construction and Civil Materials (3,0) (F,S,SS) (P: Majors and minors only)
CMGT 2660, 2661. Structural Systems, Materials and Codes (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2210)
CMGT 2664, 2665. Interior and Exterior Finishes and Systems (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2660)
CMGT 2800. Foundations of Construction (3) (F,S,SS) (P: Minimum grade of C in CMGT 2210; computer-related elective)
CMGT 3100, 3101. Architectural Plans and Analysis (3,0) (F,S,SS) (P: Minimum grade of C in CMGT 2660; 2800; MATH 1065 or 1066. P/C: CMGT 2664, 2665)
CMGT 3664. Construction Contracts and Specifications (3) (F,S,SS) (P: Minimum grade of C in CMGT 2664; P/C: CMGT 3100)
CMGT 3726. Construction Project Safety Management (3) (F,S) (P: Minimum grade of C in 3664)
CMGT 4660. Construction Estimating (3) (F,S) (P: Minimum grade of C in CMGT 3664; P/C: CMGT 3660*) [*For students seeking CMGT minor P/C: CMGT 3660 will be waived]
CMGT 4662. Construction Planning and Scheduling (3) (F,S) (P: Minimum grade of C in CMGT 4660; students with a 2.75 or higher cumulative GPA may take CMGT 4660 as a corequisite)

**Insert on pp. 321-322 of 2004 – 2005 catalog:**

**CMGT: CONSTRUCTION MANAGEMENT**

4662. Construction Planning and Scheduling (3) (F,S) (P: Minimum grade of C in CMGT 4660. Students with a 2.75 or higher cumulative GPA may take CMGT 4660 as a corequisite. Application of planning and scheduling techniques to a building project. Emphasis on use of bar charts and critical path method (CPM), cost allocation, schedule updating, cash flow, resource scheduling, and manpower distribution.
4664. Construction Supervision (3) (F,S) (P: Minimum grade of C in CMGT 4660 and CMGT 4662. Management techniques to solve unique problems involving manpower, materials, money, and machinery for construction projects.
4666. Equipment Management (3) (F,S,SS) (P: CMGT 3660, 3766. Productivity, performance, and maintenance requirements of construction equipment. 4668. Human Side of Project Management (3) (F,S) (P: CMGT 4600; MGMT 3202. Instruction in developing group and individual relationships among construction personnel to comply with laws and regulations governing the human element in the construction project process.

**CMGT Banked Courses**

**HISTORY**

https://author.ecu.edu/cs-acad/fsonline/cu/cu2_052.cfm
Insert on pp. 101 – 102 of 2004 – 2005 catalog:

p. 101

MEDIEVAL AND RENAISSANCE STUDIES
Kevin Moll, Director, 201 Fletcher

The minor in Medieval and Renaissance studies requires 24 s.h. credit. The interdisciplinary program includes an introductory course and a senior/graduate-level seminar. In addition, the program includes courses from the following disciplines: art, history, English, foreign languages and literatures, music, and philosophy. Courses taken to meet general education requirements cannot be used to satisfy the requirements of the Medieval and Renaissance studies minor. The student’s minor program must be approved by the director of Medieval and Renaissance studies.

1. Foreign language through level 1004 ................................................................. 12 s.h.
   Some courses which carry general education credit are identified using the following key. Consult the offering department concerning additional courses which carry general education credit. Courses in major prefix may not count toward general education.
   (GE:EN)=English; (GE:EX)=Exercise and Sport Science; (GE:FA)=Fine Arts; (GE:HU)=Humanities; (GE:MA)=Mathematics;
   (GE:SC)=Science; (GE:SO)=Social Science
   p. 102

2. Core ....................... 3 s.h.
   MRST 5000. Medieval and Renaissance Studies Seminar (3) (P: 9 s.h. in MRST or consent of director)

3. Electives (Choose from at least four of the areas of study listed below)......................... 21 s.h.

No more than 3 s.h. of course work in the student’s major field of study will be accepted for credit toward the minor. Study programs abroad in Europe having prior approval of the director will be accepted for no more than 6 s.h. of credit toward the minor. Additional courses not listed below will be accepted if they significantly further the student’s understanding of the Middle Ages or the Renaissance; prior approval by the director is required for additional courses. Departmental prerequisites may be waived in special cases. Students should contact the director and/or their major dept chair.

ART 2920. Art of the Middle Ages (3) (P: ART 1906, 1907)
ART 3930. Italian Renaissance Art: 1300-1500 (3) (P: ART 1906, 1907)
ART 3940. Italian Renaissance Art: 1500-1600 (3) (WI*) (FS) (P: ART 1906, 1907)
ART 4900. Northern Renaissance Art History (3) (WI*) (F) (P: ART 1906, 1907)
CLAS 2230. Great Works of Ancient Literature II: Rome (3) (GE:HU)
ENGL 4010. Medieval Literature (3) (WI) (S-OY) (GE:HU) (P: ENGL 1200)
ENGL 4020. Chaucer (3) (WI) (F-OY) (GE:HU) (P: ENGL 1200)
ENGL 4030. Milton (3) (S-EY) (GE:HU)
ENGL 4050. Literature of the New World to 1820 (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)
ENGL 4070. Shakespeare: The Histories (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)
ENGL 4080. Shakespeare: The Comedies (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)
ENGL 4090. Shakespeare: The Tragedies (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)
FORL 2665. Don Quixote (3) (WI) (S) (GE:HU)
FREN 3555. France of the Middle Ages and Renaissance (3) (P: FREN 3500 or consent of dept chair)
HIST 3415. The Middle Ages (3) (GE:SO)
HIST 3420. Early Modern Europe to 1648 (3) (GE:SO)
HIST 3480. English History to 1603: Britain to 1688 (3) (GE:SO)
HIST 5350. The Renaissance in European History (3)
HIST 5360. The Reformation, 1450-1598 (3)
HIST 5450. Tudor-Stuart England (3)
MRST 2000. Introduction to Medieval and Renaissance Studies (3) (F) (GE:HU)
MUSC 1406. Music History and Literature (2) (WI) (S)
PHIL 2310. Ancient Philosophy (3) (F,S) (GE:HU)
PHIL 2320. Medieval and Renaissance Philosophy (3) (F,S) (GE:HU)
SPAN 4555. Medieval Spain (900-1499) (3) (WI) (P: SPAN 2440, 2550; or consent of dept chair)

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Insert on pp. 105 – 107 of 2004 – 2005 catalog:

p. 105

RELIGIOUS STUDIES
Calvin Mercer, Director, C-300 Browster Building

Religious studies is a nondenominational and interdisciplinary program designed to provide students with an understanding of religion as historical and cultural phenomena. Courses offered explore religion in its various dimensions – aesthetic, anthropological, ethical, historical, literary, philosophical, political, psychological, and sociological. Students interested in obtaining a major or double major in religious studies can do so through the multidisciplinary studies program. Interested students should contact the director of religious studies for information. The religious studies minor requires 24 s.h. credit. The major adviser should send a potential minor to the director for advising. Requirements for the minor are listed below. A maximum of 6 s.h. may be used to satisfy general education requirements and for the religious studies minor. No course work in the student’s major field of study will be accepted for credit toward the minor. Study-abroad programs having the prior approval of the director will be accepted for a maximum 6 s.h. of credit toward the minor. Additional courses beyond those listed below will be accepted if they significantly further the student’s understanding of religion; prior approval by the director is required for additional courses. Departmental prerequisites may be waived in special cases by the department offering the course.

1. Core ....................... 6 s.h.
   RELI 4500. Selected Topics in Religion (3) (F) (P: Consent of instructor or RELI program director)
   RELI 5000. Religious Studies Seminar (3) (P: Consent of instructor or RELI program director)

2. Electives ............... 18 s.h.
Choose a minimum of 9 s.h. from core religion electives and the remaining electives from either list of electives.

**Core Religion Electives: (Minimum of 9 s.h.)**
- ANTH 3009/RELI 3000/WOST 3000. Motherhood of God in Asian Traditions (3) (EY) (GE:SO)
- ANTH 4054. Anthropology of Religion (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ENGL 3630. The Bible as Literature (3) (WI) (S) (GE:HU) (P: ENGL 1200)
- ENGL 3640. Literature and Religion (3) (WI) (F-OY) (GE:HU)
- HIST 3412. A History of Christianity to 1300 (3) (GE:SO)
- HIST 3627. History of Japanese Buddhism (3)
- HIST 5350. The Reformation, 1450-1598 (3)
- PHIL 1290. Introduction to Philosophy of Religion (3) (F,S) (GE:HU)
- PHIL 1695. Introduction to the Old Testament (3) (F) (GE:HU)
- PHIL 1696. Introduction to the New Testament (3) (S) (GE:HU)
- PHIL 2690. World Religions (3) (F,S) (GE:HU)
- PHIL 2691. Classical Islam (3)
- PHIL 2692. Buddhism (3)
- PHIL 3290. Philosophy of Religion (3) (S) (GE:HU) (P: 3 s.h. in PHIL or consent of instructor)
- PHIL 3690. Women and Religion (3) (GE:HU)
- PHIL 3691. Islam in the Modern World (3) (WI) (P: PHIL 2690 or PHIL 2691 or consent of instructor)
- PHIL 3692. Tibetan Religion and Culture (3) (WI) (P: PHIL 2690 or PHIL 2692 or consent of instructor)
- PHIL 3698. Mysticism (3) (W) (P: Consent of instructor or any course from the Core Religion Electives list of the Religious Studies Program)
- PHIL 4690. Topics in Religion (3) (WI)
- PSYC 3314. Psychology of Religion (3) (S) (P: PSYC 1000 or 1060)
- RELI 2000. Introduction to Religious Studies (3) (GE:HU)
- RELI 2500. Study Abroad (6) (SS) (GE:HU) (P: Consent of instructor or RELI program director)
- RELI 3930. Directed Readings in Religious Studies (3) (Consent of director)
- SOCI 4341. Sociology of Religion (3) (S) (GE:SO) (P: SOCI 2110)

**General Religion Electives:**
- ANTH 2100. Societies Around the World (3) (F,S,SS) (GE:SO)
- ANTH 3002. Cultures of East Asia (3) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ANTH 3003. Cultures of Africa (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ANTH 3004. Cultures of the South Pacific (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
- ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
- ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
- ART 2905. Masterpieces and Ideas in the History of Art (3) (GE:FA) (P: Non-art major)
- ART 2906. West and Central African Art (3) (S) (GE:FA) (P: Non-art major)
- ART 2910. Ancient Art History (3) (F,S) (P: ART 1905 or 1910)
- ART 2920. Art of the Middle Ages (3) (P: ART 1906, 1907)
- ART 2930. Italian Baroque Art History (3) (P: ART 1906, 1907)
- ART 3920. Asian Art (3)
- ART 3930. Italian Renaissance Art: 1300-1500 (3) (P: ART 1906, 1907)
- ART 3940. Italian Renaissance Art: 1500-1600 (3) (W)* (F,S) (P: ART 1906, 1907)
- ART 3950. Architectural History of the Middle East Before 1600 (3) (GE:FA) (P: Junior standing; ART 1905 or 1910; 1906, 1907; or consent of instructor)
- ART 3960. Art and Power in Mesoamerica (3) (WI) (F,S) (P: ART 1906, 1907)
- ART 3970. African Art (3) (WI) (F,S) (P: ART 1906, 1907; or consent of instructor)
- ART 4900. Northern Renaissance Art History (3) (W)* (F) (P: ART 1906, 1907)
- ART 4910. Northern Baroque Art (3) (W)* (P: ART 1906, 1907)
- ART 4916. Art of India (3) (WI) (P: ART 1906, 1907; of consent of instructor)
- CLAS 2400. Women in Classical Antiquity (3) (GE:HU)
- CLAS 3400. The Ancient City: Rome (3) (F,S) (GE:HU)
- CLAS 3460. Classical Mythology (3) (GE:HU)
- ENGL 3450. Northern European Mythology (3) (WI) (GE:HU) (P: ENGL 1200)
- ENGL 3460. Classical Mythology (3) (F) (GE:HU) (P: ENGL 1200)
- ENGL 3620. Oriental Literature (3)
- ENGL 4010. Medieval Literature (3) (WI) (S-OY) (GE:HU) (P: ENGL 1200)
- ENGL 4030. Milton (3) (WI) (S-EY) (GE:HU) (P: ENGL 1200)
- ENGL 4100. Seventeenth Century Literature (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)
- FORL 2600. Literature in Translation: The Holocaust (3) (S) (GE:HU)
- GRK 1001. Ancient Greek Level I (3)
- GRK 1002. Ancient Greek Level II (3) (P: GRK 1001 of consent of instructor)
- GRK 1003. Ancient Greek Level III (3) (P: GRK 1002 or consent of instructor)
- GRK 1004. Ancient Greek Level IV (3) (P: GRK 1003 or consent of instructor)
- HIST 3210. Colonial America to 1763 (3) (W)* (GE:SO)
- HIST 3415. The Middle Ages (3) (GE:SO)
- HIST 3420. Early Modern Europe to 1648 (3) (GE:SO)
- HIST 3480. English History to 1603: Britain to 1688 (3) (GE:SO)
- HIST 3481. History of the Far East to 1600 (3) (GE:SO)
- HIST 3670. History of the Middle East (3) (W) (GE:SO)
- HIST 5230. Themes in African-American History (3)
HIST 5300. Comparative History of Non-Western Civilizations (3) (WI)
HIST 5310. Intellectual History of Europe (3)
HIST 5340. The Ancient Near East (3)
HIST 5350. The Renaissance in European History (3)
HIST 5450. Tudor-Stuart England (3)
LATN 1001. Latin Level I (3)
LATN 1002. Latin Level II (3) (P: LATN 1001; placement by examination; or consent of instructor)
LATN 1003. Latin Level III (3) (P: LATN 1002; placement by examination; or consent of instructor)
LATN 1004. Latin Level IV (3) (P: LATN 1003; placement by examination; or consent of instructor)
MRST 5000. Medieval and Renaissance Studies Seminar (3) (P: 9 s.h. in MRST or consent of instructor)
MUSC 5476. African Music (2) (P: Open to area minors and ANTH majors with consent of instructor)
PHIL 2320. Medieval and Renaissance Philosophy (3) (FS) (GE:HU)
PHIL 2433. Existentialism and Phenomenology (3) (FS) (GE:HU)
PHIL 4250. Metaphysics (3) (GE:HU) (P: 6 s.h. in PHIL or consent of instructor)

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Insert on pp. 136 – 138 of 2004 – 2005 catalog:

DEPARTMENT OF HISTORY

Michael A. Palmer, Chairperson, A-315 Brewster Building

Students may choose between the BA in History or the BS in Public History. There is no foreign language requirement for the Public History program. Students may also minor in either program.

BA in History

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs) ......................................................... 42 s.h.
2. Foreign language through level 1004 ........................................................................................................ 12 s.h.
3. Core ........................................................................................................................................... 36 s.h.

HIST 1030. World Civilizations to 1500 (3) (WI*) (FS,SS) (GE:SO)
HIST 1031. World Civilizations Since 1500 (3) (WI*) (FS,SS) (GE:SO)
HIST 1050. American History to 1877 (3) (WI*) (FS,SS) (GE:SO)
HIST 1051. American History Since 1877 (3) (WI*) (FS,SS) (GE:SO)
HIST 4000. Senior Seminar (3)

Choose a minimum of 21 s.h. of electives above 2999, at least one 3 s.h. course from each area as listed below (Minimum of 3 s.h. must be taken at the 5000-5999 level):

American History:

HIST 3010. Constitutional History of the United States to 1888 (3) (GE:SO)
HIST 3011. Constitutional History of the United States Since 1888 (3) (GE:SO)
HIST 3031. Economic History of the United States Since 1865 (3) (GE:SO)
HIST 3100. North Carolina History (3) (FS) (GE:SO)
HIST 3110. History of African-Americans (3) (GE:SO)
HIST 3121. American Military History to 1900 (3) (GE:SO)
HIST 3122. American Military History Since 1900 (3) (GE:SO)
HIST 3140. Women in American History (3) (FS) (GE:SO)
HIST 3170. History of Native Americans (3)
HIST 3200. Diplomatic History of the United States (3) (WI*) (GE:SO)
HIST 3205. History of American Urban Life (3) (GE:SO)
HIST 3210. Colonial American to 1763 (3) (WI*) (GE:SO)
HIST 3215. American Revolution and the Federal Era, 1763-1800 (3) (WI*) (GE:SO)
HIST 3225. The Era of Sectionalism and Civil War, 1848-1877 (3) (GE:SO)
HIST 3230. The Birth of Modern America, 1865-1892 (3) (WI*) (GE:SO)
HIST 3235. The Era of Populism and Progressivism in American History, 1892-1919 (3) (GE:SO)
HIST 3240. The Age of Franklin Roosevelt, 1919-1945 (3) (WI*) (GE:SO)
HIST 3245. The United States Since 1945 (3) (WI*) (F) (GE:SO)
HIST 3260. The United States and the Middle East (3)
HIST 3300. History of American Rural Life (3) (F) (GE:SO)
HIST 3920. Social History of American Medicine (3) (GE:SO)
HIST 5122. Social and Cultural History of the United States Since 1865 (3)
HIST 5125. American Political Development in the Nineteenth Century (3)
HIST 5140. The Old South (3)
HIST 5141. The South Since 1877 (3) (WI*)
HIST 5220. Selected Topics in US Women’s History (3)
HIST 5230. Themes in African-American History (3)
HIST 5520. Maritime History of the Western World Since 1815 (3)
HIST 5960. Introduction to Oral History (3)

**European History:**
HIST 3405. History of Ancient Greece to 146 BC (3) (GE:SO)
HIST 3406. War and Society in Ancient Greece and Rome (3) (F) (GE:SO)
HIST 3410. History of Ancient Rome (3) (F) (GE:SO)
HIST 3412. A History of Christianity to 1300 (3) (GE:SO)
HIST 3413. A History of Christianity, 1300-present (3) (GE:SO)
HIST 3414. The Celtic World, 700 BC-1601 AD (3)
HIST 3415. The Middle Ages (3) (F) (GE:SO)
HIST 3420. Early Modern Europe to 1648 (3) (F) (GE:SO)
HIST 3430. History of Europe, 1815-1914 (3) (F) (GE:SO)
HIST 3435. History of Europe Since 1914 (3) (GE:SO)
HIST 3444. Old Regime and Revolutionary France (3) (GE:SO)
HIST 3445. Modern France, 1815-present (3) (GE:SO)
HIST 3450. History of Modern Germany (3) (F) (GE:SO)
HIST 3480. English History to 1602 Britain to 1688 (3) (GE:SO)
HIST 3481. English History Since 1602 (3) (GE:SO)
HIST 3482. Britain, 1688-1832 (3) (GE:SO)
HIST 3484. Britain from 1832 (3) (GE:SO)
HIST 3487. Constitutional History of England (3) (GE:SO)
HIST 3550. History of Russia to 1917 (3) (GE:SO)
HIST 3551. Medieval Russia, 862-1682 (3)
HIST 3552. Imperial Russia, 1682-1917 (3)
HIST 3553. Soviet Russia, 1917-1991 (3)
HIST 4400. Science and Religion in Europe and America, 1600-1900 (3)
HIST 4445. The European Enlightenments (3)
HIST 4470. The Great War: Experience, Memory and Legacy (3)
HIST 4500. Political Culture and Community in Eighteenth-Century Britain (3)
HIST 5310. Intellectual History of Europe (3)
HIST 5350. The Renaissance in European History (3)
HIST 5360. The Reformation, 1450-1598 (3)
HIST 5440. Twentieth Century England (3)
HIST 5450. Tudor-Stuart England (3)
HIST 5470. History of Soviet Russia Since 1917 (3)
HIST 5480. Weimar and the Rise of Hitler (3)
HIST 5505. Maritime History of the Western World to 1415 (3)
HIST 5515. Maritime History of the Western World, 1415-1815 (3) (WI*)
HIST 5555. Constitutionalism and Kingship in Early Modern Europe (3)
HIST 5560. Imperialism in Theory and Practice, 1800 to the Present (3) (WI*)
HIST 5670. A Diplomatic History of Europe, 1815 to the Present (3)

**World History:**
HIST 3610. History of East Asia to 1600 (3) (GE:SO)
HIST 3611. History of East Asia Since 1600 (3) (GE:SO)
HIST 3615. History of Traditional Japan (3)
HIST 3620. History of Modern Japan (3) (F) (GE:SO)
HIST 3625. Field Study in Japanese Historical Culture (3)
HIST 3626. Field Study in Japanese Historical Texts (3)
HIST 3627. History of Japanese Buddhism (3)
HIST 3629. History of Traditional China (3)
HIST 3630. History of Modern China (3) (GE:SO)
HIST 3670. History of the Middle East (3) (WI*) (GE:SO)
HIST 3710. Introduction to Latin-American History: Colonial Period (3) (WI*) (GE:SO)
HIST 3711. Introduction to Latin-American History: Since 1808 (3) (WI*) (GE:SO)
HIST 3780. Mexico and Central America (3) (WI*) (GE:SO)
HIST 3810. History of Africa (3) (WI*) (GE:SO)
HIST 4610. History of Southeast Asia (3) (GE:SO)
HIST 5300. Comparative History of Non-Western Civilizations (3) (WI*)
HIST 5340. The Ancient Near East (3)
HIST 5680. Diplomatic History of Modern Asia (3)
HIST 5765. Latin-America: 1492 to the Present (3) (WI*)

The following courses vary in content and will be classified according to topic:
HIST 3005. Selected Topics in History (3) (WI*) (GE:SO)
HIST 3333. Biography and History (3) (GE:SO)
HIST 3350. War and Society (3)
HIST 4531, 4532, 4533. Directed Readings in History (1,2,3) (GE:SO) (P: Consent of dept chair)
HIST 4550, 4551. Honors (3,3) (F,S) (GE:SO)
HIST 5005. Selected Topics in History (3) (WI*)
HIST 5525. Sea Power; 480 BC to the Present (3) (WI*)
4. Minor and general electives to complete requirements for graduation.

BS in Public History

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) .................................................................................................................. 42 s.h.

2. Core ................................................................................................................................. 30 s.h.
   HIST 1030. World Civilizations to 1500 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1031. World Civilizations Since 1500 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1050. American History to 1877 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1051. American History Since 1877 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 4000. Senior Seminar (3)
   Choose 15 s.h. of HIST courses above 2999, including a minimum of one course each in American, European, and other world areas. (See BA degree for course area designations.)

3. Research Skills ............................................................................................................... 3 s.h.
   HIST 5950. Introduction to Quantitative History (2) (P: 20 s.h. of undergraduate history)
   HIST 5951. Directed Readings and Research in Quantitative History (1) (P: HIST 5950)

4. Professional courses .................................................................................................... 33 s.h.
   HIST 3900. Introduction to Public History (3)
   HIST 3992. Approaches to Historical Objects (3)
   HIST 5910. Introduction to the Administration of Archives and Historical Manuscripts (3)
   HIST 5920, 5921. Techniques of Museum and Historic Site Development (3,0)
   HIST 5985. Historic Preservation Planning (3)
   Choose 18 s.h. from:
   HIST 3005. Selected Topics in History (3) (WI*) (GE:SO)
   HIST 3130. Problems in American History (3)
   HIST 5005. Selected Topics in History (3) (WI*)
   HIST 5122. Social and Cultural History of the United States Since 1865 (3)
   HIST 5930, 5931. Field and Laboratory Studies in Museum and Historic Site Development (3,0)
   HIST 5960. Introduction to Oral History (3)
   HIST 5970. Living History (3)

5. Internship (Choose from the following.) ..................................................................... 3 s.h.
   HIST 4940, 4941, 4942. Internship in Archives and Historical Records Administration (3,6,9) (F,S) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
   HIST 4943, 4944, 4945. Internship in Museum Administration (3,6,9) (F,S) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
   HIST 4946, 4947, 4948. Internship in Historic Site Administration (3,6,9) (F,S) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)

6. Cognates (Choose from the following.) ..................................................................... 9 s.h.
   AMID 2700. Historic Interiors I: 3000 BC Through Mid-Nineteenth Century (3) (WI) (S)
   AMID 2750. Historic Interiors II: Late Nineteenth and Twentieth Centuries (3) (WI) (F)
   ANTH 2000. Archaeology Around the World (3) (F,S) (GE:SO)
   ANTH 3077. Archaeological Methods (3) (S) (P: ANTH 2000 or consent of instructor)
   ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
   ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
   ART 2905. Masterpieces and Ideas in the History of Art (3) (GE:FA)
   ART 5900. Art of the United States (3) (P: ART 1906, 1907)
   ENGL 3870. Introduction to Editing and Abstracting (3) (F,S) (P: ENGL 1200)
   PLAN 3000. Urban Planning (3) (F,SS)

7. Electives to complete requirements for graduation.

History Minor

The minor requires 24 s.h. credit. History courses used for the minor may not be counted toward history major.

1. Required HIST courses (Choose from the list below.) ............................................... 9 s.h.
   HIST 1030. World Civilizations to 1500 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1031. World Civilizations Since 1500 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1050. American History to 1877 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1051. American History Since 1877 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1052. American History Since 1877 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1053. American History Since 1877 (3) (WI*) (F,S,SS) (GE:SO)
   HIST 1054. American History Since 1877 (3) (WI*) (F,S,SS) (GE:SO)

2. HIST electives above 2999 (excluding HIST 3100) .................................................... 15 s.h.

Public History Minor

The minor requires 24 s.h. credit. History courses used for the minor may not be counted toward history major.

1. Required HIST courses ............................................................................................... 6 s.h.
   HIST 3900. Introduction to Public History (3) (F)
   HIST 3993. Approaches to Historical Objects (3)

https://author.ecu.edu/cs-acad/fsonline/cu/cu2_052.cfm
2. HIST electives (Choose from the following.)............................................................... 9 s.h.
HIST 4940, 4941, 4942. Internship in Archives and Historical Records Administration (3,6,9) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
HIST 4943, 4944, 4945. Internship in Museum Administration (3,6,9) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
HIST 4946, 4947, 4948. Internship in Historic Site Administration (3,6,9) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
HIST 5910. Introduction to the Administration of Archives and Historical Manuscripts (3)
HIST 5920, 5921. Techniques of Museum and Historic Site Development (3,0)
HIST 5930, 5931. Field and Laboratory Studies in Museum and Historic Site Development (3,0)
HIST 5960. Introduction to Oral History (3)
HIST 5970. Living History (3)
HIST 5985. Historic Preservation Planning (3)

3. Cognates.................................................................................................................. 9 s.h.
AMID 2700. Historic Interiors I (3)
AMID 2750. Historic Interiors II: Late Nineteenth and Twentieth Centuries (3) (Wi) (F)
ANTH 2000. Archaeology Around the World (3) (F,S) (GE:SO)
ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
ART 2905. Masterpieces and Ideas in the History of Art (3) (GE:FA)
ART 5900. Art of the United States (3) (P: ART 1906, 1907)
ENGL 3870. Introduction to Editing and Abstracting (3) (F,S) (P: ENGL 1200)
PLAN 3000. Urban Planning (3) (F,SS)

**History Honors Program**
A student desiring to enter the honors program in history must be a second semester junior majoring in history; possess a minimum cumulative and major GPA of 3.0; and have a minimum of 20 s.h. in history (exceptions may be made at the discretion of the dept chair). Furthermore, a student engaged in the history honors program shall be enrolled as a part of the regular curriculum in HIST 4550 and 4551, starting the sequence in the spring semester of the junior year and concluding at the end of the first semester of the senior year. Upon completion of the two courses, the student will receive 6 s.h. credit in advanced history.
Each honors scholar will carry out an extensive program of carefully supervised reading and research in one of nine areas of history: Colonial America; Nineteenth-Century America; Twentieth-Century America; Ancient and Medieval; Europe, 1500-1815; Europe, 1815 to Present; Asia; Latin America; Africa.
A history honors award is given annually to the history honors program student who completes and defends the most outstanding honors paper.

**Insert on pp. 372 – 377 of 2004 – 2005 catalog:**

HIST: HISTORY
1030. World Civilizations to 1500 (3) (Wi) (F,S,SS) (GE:SO) May receive credit for one of HIST 1030, 1552. Evolution of world civilizations from prehistory to 1500.
1031. World Civilizations Since 1500 (3) (Wi) (F,S,SS) (GE:SO) May receive credit for one of HIST 1031, 1553. World civilizations since 1500 and their economic, social, cultural, and political development.
1050. American History to 1877 (3) (Wi) (F,S,SS) (GE:SO) May receive credit for one of HIST 1050, 1550. History of US from discovery of America in 1492 to end of Reconstruction.
1051. American History Since 1877 (3) (Wi) (F,S,SS) (GE:SO) May receive credit for one of HIST 1051, 1551. History of US from Reconstruction to present.
1550. Honors, American History to 1877 (3) (F) (GE:SO) May receive credit for one of HIST 1050, 1550. P: By invitation or consent of instructor. History of US from discovery of America in 1492 to end of Reconstruction.
1551. Honors, American History Since 1877 (3) (Wi) (S) (GE:SO) May receive credit for one of HIST 1051, 1551. P: By invitation or consent of instructor. History of US from Reconstruction to present.
1552. Honors, World History to 1500 (3) (F) (GE:SO) May receive credit for one of HIST 1030, 1552. P: By invitation or consent of instructor. Evolution of world civilizations from prehistory to 1500.
1553. Honors, World History Since 1500 (3) (S) (GE:SO) May receive credit for one of HIST 1031, 1553. P: By invitation or consent of instructor. World civilizations since 1500 and their economic, social, cultural, and political development.
2222. Western Europe Since 1500 (3) (F) (GE:SO) History of Western Europe from Age of Discovery to present. Emphasis on development and growth of nation state system using Spain, France, England, and Germany as examples.
2444. The History of Sports in Western Society (3) (F) (GE:SO) Role of sports from ancient Greeks to twentieth century. Focus on how sports mirror historical developments and social and cultural trends.
3000. History: Its Nature and Method (3) (Wi) (F,S) (GE:SO) P: 6 s.h. in HIST. Introduction to historical thought and method and varieties and uses of history.
3005. Selected Topics in History (3) (Wi) (GE:SO) May be repeated for credit with change of topic. May count 3 s.h. toward HIST major or minor. Selected topics from historical perspective.
3010. Constitutional History of the United States to 1888 (3) (GE:SO) Constitutional development of US from colonial period through Waite Court.
3011. Constitutional History of the United States Since 1888 (3) (GE:SO) Constitutional evolution of US. Emphasis on Supreme Court’s response to industrial developments, politics, war, and civil liberties.
3100. North Carolina History (3) (ES) (GE:SO) Political, social, and economic developments in NC from colonial era to present.
3121. American Military History to 1900 (3) (F) (GE:SO) May not be taken by students who have successfully completed HIST 3120. History of military thought and institutions in US from era of American Revolution through nineteenth century. Emphasis on interrelationship between war and society by study of political, economic, and social aspects of military affairs.
3122. American Military History Since 1900 (3) (S) (GE:SO) May not be taken by students who have successfully completed HIST 3120. American military thought and institutions since 1900. Emphasis on interrelationship between war and society by study of political, economic, and social aspects of military affairs.
3130. Problems in American History (3) Principal turning points in American history. Emphasis on varying interpretations.
3140. Women in American History (3) (F,S) (GE:SO) Variety of women's experience in American history. Role of women in nation's social, economic, political, and cultural development.
3170. History of Native Americans (3) Historical approach to understanding the socio-economic, political, legal, and cultural changes experienced by Native Americans focusing on the territory that is now the United States.
3200. Diplomatic History of the United States (3) (WI*) (GE:SO) American diplomatic history from 1776 to present. Emphasis on major episodes, policies, and personalities.
3225. The Era of Sectionalism and Civil War, 1848-1877 (3) (GE:SO) Rise of sectionalism and events of Civil War and Reconstruction.
3230. The Birth of Modern America, 1865-1892 (3) (WI*) (GE:SO) Major historical trends in US from end of Civil War to 1890s.
3240. The Age of Franklin Roosevelt, 1919-1945 (3) (WI*) (GE:SO) US politics and society of 1920s, Great Depression, New Deal, and background and impact of World War II.
3245. The United States Since 1945 (3) (WI*) (F) (GE:SO) Economics, politics, and society of US from Truman years to present.
3260. The United States and the Middle East, 1783 to the Present (3) The history of American interests and involvment in the Middle East since 1783.
3300. History of American Rural Life (3) (F) (GE:SO) Rural America from pre-contact to present. Major themes include regional development of agriculture, agrarian ideology, myths and realities of family farms, farm protest and public policy, and representations of American rural life in literature, music, and film.
3333. Biography and History (3) (GE:SO) May be repeated for credit with change of topic. May count maximum of 3 s.h. may count toward HIST major or minor. Selected influential people and their impact on society.
3350. War and Society (3) (F) A survey of the interrelationship between society and warfare from the dawn of civilization to the present.
3405. History of Ancient Greece to 146 BC (3) (GE:SO) Political, social, and cultural developments in Greece from 800 BC to 146 BC.
3406. War and Society in Ancient Greece and Rome (3) Military and social history of Ancient Greece and Rome.
3410. History of Ancient Rome (3) (F) (GE:SO) Examination of political, social, and cultural developments in Rome from 753 BC to 476 AD.
3415. The Middle Ages (3) (F) (GE:SO) Major aspects of political, social, economic, and cultural history of Middle Ages from third to sixteenth centuries.
3420. Early Modern Europe to 1648 (3) (F) (GE:SO) Political, social, and intellectual transformation that marked beginnings of modern European history.
3430. History of Europe, 1815-1914 (3) (F) (GE:SO) Europe from Congress of Vienna to outbreak of first world war. Emphasis on political, social, and economic developments of period.
3435. History of Europe Since 1914 (3) (GE:SO) Transformations in European society and institutions from outbreak of first world war to present.
3444. The Old Regime, French Revolution, and Napoleon (3) Royal and constitutional absolutism, the Enlightenment, French Revolution, and Napoleon. Old Regime and Revolutionary France (3) (GE:SO) RP: HIST 1031. Major themes in politics, society and culture from the “Old Regime” to Napoleon’s defeat (1660-1815).
3445. Modern France, 1815-present (3) (GE:SO) RP: HIST 1031 and/or HIST 3444. The history of French culture, politics and society from the defeat of Napoleon to the present day.
3450. History of Modern Germany (3) (GE:SO) Political, social, economic, and cultural evolution of German nation over past 300 years. Emphasis on rise of Nazism and German role in two world wars
3450. English History to 1603 (3) (GE:SO) Political, social, and economic development of England from Roman conquest to death of Elizabeth I. Britain to 1688 (3) (GE:SO) The social, political and cultural development of the British Isles to 1688, with particular emphasis on the methods of historical research.
3481. English History Since 1603 (3) (GE:SO) Political, social, and economic development of British people from 1603 to present.
3482. Britain, 1688-1832 (3) (GE:SO) The social, political and cultural development of the British Isles from 1688 to 1832, with particular emphasis on historiography.
3484. Britain from 1832 (3) (GE:SO) The social, political and cultural development of the British Isles from 1832, with particular emphasis on collective memory.
3550. History of Russia to 1917 (3) (F) (GE:SO) Rise of Russian state from migration of Slavic tribes to formation of Soviet Union. Emphasis on the land, peoples, government, and policy.
3551. Medieval Russia, 862-1682 (3) The history of Russia from its legendary foundation in 862 to the reign of Peter the Great. An emphasis will be placed on religious history, as well as the impact of nationalism on historical writing.
3552. Imperial Russia, 1682-1917 (3) Political, social, cultural and intellectual history of Russia under the Romanovs from Peter I to the October Revolution.
3553. Soviet Russia, 1917-1991 (3) Politics, society, and ideology of the 'Soviet experiment' from the October Revolution to the collapse of communism.
3615. History of Traditional Japan (3) Japanese history from ancient times to 1600. Emphasis on the foundations of traditional patterns, in politics, society, religion, philosophy, and art.
3625. Field Study in Japanese Historical Culture (3) Field study of traditional Japanese culture and history, based in the former imperial capital (794-1868) of Japan, Kyoto.
3626. Field Study in Japanese Historical Texts (3) Field study of traditional Japanese historical texts produced in the former imperial capital (794-1868) of Japan, Kyoto.
3627. History of Japanese Buddhism (3) The history of Japanese Buddhism from its introduction in the mid-sixth century, through modern times.
3629. History of Traditional China (3) The history of China before 1600, focusing primarily on the main forces operative within the intellectual history of China, Confucianism, Daoism, Mohism, Legalism, the various schools of Buddhism, and Neo-Confucianism.
3630. History of Modern China (3) (GE:SO) Factors responsible for the collapse of China’s traditional Confucian culture and triumph of communism. Emphasis on role of the West in this revolutionary transformation.
3670. History of the Middle East (3) (WI*) (GE:SO) People, land, and religious groups of Middle East. Emphasis on Islam and imperialism.
3710. Introduction to Latin-American History: Colonial Period (3) (WI*) (GE:SO) Establishment and administration of Spanish and Portuguese colonies in New World, 1492-1808.
3760. The ABC Powers: Argentina, Brazil, Chile (3) (SO2) (GE:SO) Major developments in Republics of Argentina, Brazil, and Chile since independence. Emphasis on conservative-liberal struggle, development of democratic institutions, and economic changes.
3780. Mexico and Central America (3) (WI*) (F) (GE:SO) Major developments in history of Mexico and Central American republics.
3900. Introduction to Public History (3) (F) May not count toward BS in HIST. Meaning and various aspects and practices of public history. Emphasis on reading, discussion, and fieldwork projects.
3930. Approaches to Historical Objects (3) Social, cultural, political, and intellectual implications of classifying, conserving, and displaying historical objects. Topics include artifacts, archives, monuments, cultural policy, commercial history, and historical memory.
4000. Senior Seminar (3) Capstone course in the undergraduate study of history. Focus is on the process of historical research and will culminate with the completion of a research paper or Senior Thesis.
4400. Science and Religion in Europe and America, 1600-1900 (3) The debate between intellectuals who believed that scientific discovery and religious faith were compatible and those who did not. Primary and secondary sources.
4444. Studies in French History (3) May be repeated with change of topic. May count maximum of 3 s.h. toward HIST major or minor. Varied selected topics in French history from Middle Ages to present day.
4445. The European Enlightenments (3) RP: A 3000-level course in History, Political Science, Philosophy and/or Classical Studies. The history and major texts of the period and process called the Enlightenment, including its critics and legacy in modern history and politics.
4470. The Great War: Experience, Memory and Legacy (3) RP: HIST 1031, HIST 3435. Examines the experiences of World War I and its social, cultural, and intellectual impact in Europe.
4500. Political Culture and Community in Eighteenth-century Britain (3) RP: HIST 3480, or 3482 or 3484. Dimensions of British political culture during the long eighteenth century, 1688 to 1832.
4531, 4532, 4533. Directed Readings in History (1,2,3) (F,S) (GE:SO) May count 3 s.h. toward HIST major. May not count toward history minor. P: Consent of dept chair. Intensive examination of a specific field in student's area of interest.
4550, 4551. Honors (3,3) (F,S) (GE:SO) Independent reading and research project under direction of major area professor.
4940, 4941, 4942. Internship in Archives and Historical Records Administration (3,6,9) (F,S) 140 hours for 3 s.h., 280 hours for 6 s.h., 420 hours for 9 s.h. Maximum of 3 s.h. in HIST 4940-4948 may count toward HIST requirement for BS or minor in public history. May not count toward HIST major or minor elective requirements above 2999. P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor. Practical field experience under supervision in archival and manuscript agencies.
4943, 4944, 4945. Internship in Museum Administration (3,6,9) (F,S) 140 hours for 3 s.h., 280 hours for 6 s.h., 420 hours for 9 s.h. May not count toward HIST major or minor elective requirements above 2999. Maximum of 3 s.h. in HIST 4940-4948 may count toward HIST requirement for BS or minor in public history. P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor. Practical field experience under supervision.
4946, 4947, 4948. Internship in Historic Site Administration (3,6,9) (FS) 140 hours for 3 s.h., 280 hours for 6 s.h., 420 hours for 9 s.h. Maximum of 3 s.h. in HIST 4940-4948 may count toward HIST requirement for BS or minor in public history. May not count toward HIST major or minor elective requirements above 2999. P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor. Practical field experience under supervision.

5005. Selected Topics (3) (WI) May be repeated with change of topic. May count maximum of 3 s.h. toward graduate or undergraduate HIST major or minor. Intensive study of selected topics from historical perspective.

5122. Social and Cultural History of the United States Since 1865 (3) Selected main currents in American thought. Social and intellectual activity since 1865.

5125. American Political Development in the Nineteenth Century (3) Evolution of major political party conflict from mellowing of first party system to 1890s realignment.

5130. Comparative History of New World Slavery and Race Relations (3) (WI) Origin and development of slavery and race relations in US and various societies in Western Hemisphere.

5135. Problems in North Carolina History (3) (WI): P: HIST 1050, 1051; or consent of instructor. Process by which NC evolved from isolated English colony into part of modern US. Emphasis on research where the purpose is to familiarize students with research in archival and manuscript sources.

5140. The Old South (3) (F) Development of southern US to outbreak of Civil War.

5141. The South Since 1877 (3) (WI) Development of southern US from end of Civil War to recent years.

5220. Selected Topics in US Women's History (3) (S) In depth exploration of topics. Analysis of major themes, documents, and theoretical work.

5230. Themes in African American History (3) (S) Intensive examination of pivotal themes and writings.

5300. Comparative History of Non-Western Civilizations (3) (WI) May not count toward 3 s.h. 5000-level requirement for undergraduate HIST majors. Evolution of major civilizations of Asia, Africa, and Middle East. Emphasis on comparative cultural foundations of civilizations.


5340. The Ancient Near East (3) Civilizations from lower paleolithic age to conquest of Persia by Alexander the Great.

5350. The Renaissance in European History (3) (S) Cultural and intellectual developments of western Europe from about 1300 to about 1600.

5360. The Reformation, 1450-1598 (3) European history from 1450 to 1598. Renaissance materials as background.


5450. Tudor-Stuart England (3) Emergence of England into world leadership. Internal developments which shaped its political, economic, and social life in sixteenth, seventeenth, and early eighteenth centuries.

5470. History of Soviet Russia Since 1917 (3) Russian revolutions of 1917 and rise of Soviet Union to superpower status.

5480. Weimar and the Rise of Hitler (3) Society, culture, and politics of Germany during Weimar Republic. Failure of democracy and establishment of Nazi state.

5505. Maritime History of the Western World to 1415 (3) Designated as European history. Maritime activities from classical antiquity through Middle Ages. Emphasis on development of maritime commerce, piracy, and naval warfare.


5520. Maritime History of the Western World Since 1815 (3) Designated as American history. Impact of maritime activities on political, diplomatic, economic, and military affairs. Emphasis on technology.


5530. Field School in Maritime History and Underwater Research (2) (S) 20 classroom/lab hours per week. P: Scientific diving certification; consent of instructor. Early field experience.


5670. Diplomatic History of Europe, 1815 to the Present (3) Survey of international relations of great European powers.

5680. Diplomatic History of Modern Asia (3) Role of diplomacy. Emphasis on conflict between East and West since 1800.


5910. Introduction to the Administration of Archives and Historical Manuscripts (3) Undergraduates may not count toward 3 s.h. 5000-level HIST major requirement. Background, preservation, and use of archives and historical manuscripts. Emphasis on historical evolution of archival profession and administration of archives and manuscript repositories.

5920, 5921. Techniques of Museum and Historic Site Development (3,0) (F) Undergraduates may not count toward 3 s.h. 5000-level HIST major requirement. History and theory of museology and techniques of museum and historic site management.

5930, 5931. Field Laboratory Studies in Museum and Historic Site Development (3,0) Undergraduates may not count toward 3 s.h. 5000-level HIST major requirement. Development of practical methods for operation and management of history museums and historic sites.

5940. Introduction to Quantitative History (2) P: 20 s.h. of undergraduate history. Categories of quantitative history. Role of computer and techniques of its implementation in historical research.


5970. Living History (3) P: Consent of instructor. Interpretations of past events. Focus on seventeen- through nineteenth century event specifics, world view, clothing, and accouterments.

5985. Historic Preservation Planning (3) Same as PLAN 5985 Historic preservation planning. Examination of theoretical, legal, historical, and design bases of preservation planning.

HIST Banked Courses
COMMUNICATION

Insert on page 206 of 2004-2005 Catalog:

Photography students take ART 2210, 2220, 3080, 3200, 3250, 3260, 4220, 4240, 4250, 5220.

BA candidates take ART 2200, 2210, 2220, 3200, 3230.

Communication arts courses explore creative problem solving in graphic design, illustration, and photography. Students will be introduced to various techniques utilized in dealing with issues in communication and aesthetics.

SCHOOL OF COMMUNICATION

Linner Griffin, Interim Director, Joyner East 103

BA in Communication

The BA in communication prepares students to work in public relations and journalism in business, government, and community agencies. The program offers traditional courses in mass communication along with courses reflecting the dynamic interpersonal and technological communication changes of today’s society. In order to declare a major in the BA in communication, a student must have a minimum cumulative 2.0 GPA, and must demonstrate a minimum 2.5 GPA in COMM 1001, 1002. A minimum grade of C is required in all COMM courses that count toward the major. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) .......................................................... 42 s.h.
2. Foreign language through level 1004 .......................................................... 12 s.h.
3. Core ........................................................................................................ 15 s.h.
   COMM 1001. Introduction to Communication (3) (F,S) (GE:SO)
   COMM 1002. Media Writing (3) (WI) (F,S,SS) (P: ENGL 1100)
   COMM 2030. Communication Research (3) (F,S) (P: COMM major or minor or consent of instructor)
   COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   COMM 4080. Senior Seminar (3) (F,S,SS) (P: COMM major or minor or consent of instructor; Completion of 24 s.h. in COMM before registering for course)
4. Concentration area (Choose one.) .......................................................... 21 s.h.
   Communication Studies (21 s.h.):
   Choose 6 s.h. from:
   COMM 3110. Persuasion Theories (3) (P: COMM major or minor or consent of instructor)
   COMM 3142. Small Group Communication (3) (P: COMM major or minor or consent of instructor)
   COMM 3151. Family Communication (3) (P: COMM major or minor or consent of instructor)
   COMM 3152. Interpersonal Communication Theory (3) (F) (GE:SO) (P: COMM major or minor or consent of instructor)
   COMM 3380. Computer Mediated Communication (3) (P: COMM major or minor or consent of instructor)
   COMM 4130. Conflict and Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3142 or 3152 or 3160
COMM 4135. Gender and Communication (3) (F) (P: COMM major or minor or consent of instructor. P: For Women's Studies Major or Minor: COMM 1001, 1002; or WOST 2000 or 2400)
Choose 3 s.h. from:
COMM 3172. Media Effects (3) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
COMM 4045. Media Literacy for Communication Professionals (3) (P: COMM major or minor or consent of instructor)
Choose 3 s.h. from:
COMM 3110. Persuasion Theories (3) (P: COMM major or minor or consent of instructor)
COMM 3400. Argumentation (3) (P: COMM major or minor or consent of instructor; ENGL 1200)
COMM 3410. Advanced Public Speaking (3) (P: COMM major or minor or consent of instructor; COMM 2410 or 2420)

Insert on page 207 of 2004-2005 Catalog:

- COMM 4032. Mass Media Law (3) (F,S) (P: COMM major or minor or consent of instructor; 18 s.h. COMM) or COMM 4042. First Amendment Law (3) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
Choose 3 s.h. from:
COMM 3400. Argumentation (3) (P: COMM major or minor or consent of instructor; ENGL 1200)
COMM 4075. Media Criticism (3) (WI) (P: COMM major or minor or consent of instructor)
COMM 4400. Rhetorical Theory and Criticism (3) (P: COMM major or minor or consent of instructor; ENGL 1200)
COMM 4905. Media Ethics (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
Choose 3 s.h. from:
COMM 3160. Organizational Communication Theory (3) (P: COMM major or minor or consent of instructor) COMM 3180.
Intercultural Communication (3) (P: COMM major or minor or consent of instructor)
COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
Choose 3 s.h. COMM electives
Public Relations (21 s.h.):
COMM 2320. Basic Reporting (3) (F,S,SS) (WI) (P: COMM major or minor or consent of instructor)
COMM 3120. Public Relations Theory (3) (F,S) (P: COMM major or minor or consent of instructor)
COMM 4180. Public Relations Strategies (3) (F,S) (P: COMM major or minor or consent of instructor; COMM 3120)
Choose 3 s.h. from:
COMM 3110. Persuasion Theories (3) (P: COMM major or minor or consent of instructor)
COMM 3142. Small Group Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3151. Family Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3152. Interpersonal Communication Theory (3) (F) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 3380. Computer Mediated Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3400. Argumentation (3) (P: COMM major or minor or consent of instructor; ENGL 1200)
COMM 4130. Conflict and Communication (3) (P: COMM major or minor or consent of instructor;
COMM 3142 or 3152 or 3160)
COMM 4135. Gender and Communication (3) (F) (P: COMM major or minor or consent of instructor; P: For Women's Studies Major or Minor: COMM 1001, 1002; or WOST 2000 or 2400)
COMM 4400. Rhetorical Theory and Criticism (3) (P: COMM major or minor or consent of instructor; ENGL 1200)
Choose 3 s.h. from:
COMM 2104. Public Relations and Corporate Writing (3) (WI) (P: COMM major or minor or consent of instructor)
COMM 3310. Copy Editing and Design (3) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 2320)
COMM 3340. Desktop Publishing (3) (P: COMM major or minor or consent of instructor; ENGL 1200; COMM 2320)
COMM 3362. Visual Editing (3) (P: COMM major or minor or consent of instructor; COMM 2320)
COMM 3500. Web Design for Communication Professionals (3) (P: COMM major or minor or consent of instructor)
Choose 3 s.h. from:
COMM 3172. Media Effects (3) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 4032. Mass Media Law (3) (F,S) (P: COMM major or minor or consent of instructor; 18 s.h. COMM) or COMM 4042. First Amendment Law (3) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
COMM 4045. Media Literacy for Communication Professional (3) (P: COMM major or minor or consent of instructor)
COMM 4905. Media Ethics (3) (F,S) (WI) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)

Insert on page 208 of 2004-2005 Catalog:

- Choose 3 s.h. from:
COMM 3160. Organizational Communication Theory (3) (P: COMM major or minor or consent of instructor)
COMM 3180. Intercultural Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3390. International News Communication (3) (S) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 4091. Internship-Seminar (3) (F,S,SS) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
COMM 4185. International Public Relations (3) (P: COMM major or minor or consent of instructor; COMM 3120)
Print Journalism (21 s.h.):

https://author.ecu.edu/cs-acad/fs/online/cu/cu2_052.cfm 79/134
COMM 2320. Basic Reporting (3) (F,S,SS) (WI) (P: COMM major or minor or consent of instructor)
COMM 3320. Advanced Reporting (3) (F,S) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3322. Computer Assisted Reporting (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3311. Business and Economic Reporting (3) (WI) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3330. Feature Writing (3) (WI) (P: COMM major or minor or consent of instructor; COMM 2320)
COMM 4032. Mass Media Law (3) (F,S) (P: COMM major or minor or consent of instructor; 18 s.h. COMM) or COMM 4042. First Amendment Law (3) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)

Choose 3 s.h. from:
COMM 3310. Copy Editing and Design (3) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 2320)
COMM 3340. Desktop Publishing (3) (P: COMM major or minor or consent of instructor; ENGL 1200; COMM 2320)
COMM 3362. Visual Editing (3) (P: COMM major or minor or consent of instructor; COMM 2320)
COMM 3500. Web Design for Communication Professionals (3) (P: COMM major or minor or consent of instructor)

Choose 3 s.h. from:
COMM 3110. Persuasion Theories (3) (P: COMM major or minor or consent of instructor)
COMM 3142. Small Group Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3152. Interpersonal Communication Theory (3) (F) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 3180. Intercultural Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3390. International News Communication (3) (S) (GE:SO) (P: COMM major or minor or consent of instructor)

Choose 3 s.h. from:
COMM 2250. Classic Documentaries: 1900-2000 (3) (P: COMM major or minor or consent of instructor)
COMM 3172. Media Effects (3) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
COMM 4075. Media Criticism (3) (WI) (P: COMM major or minor or consent of instructor)
COMM 4905. Media Ethics (3) (F,S) (WI) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)

5. Minor and general electives to complete requirements for graduation.

Students who major in communication can not minor in communication.

BS in Communication

The BS in communication, a professional degree program, prepares students to be news writers and broadcast journalists, audio and video specialists and performers, directors, and/or managers. The program is centered on applied mass media studies supported by a theoretical foundation. In order to declare a major in the BS in communication, the student must have a minimum cumulative 2.0 GPA and a minimum 2.5 GPA in COMM 1001, 1002. A minimum grade of C is required in all COMM courses that count toward the major. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) ............................................................ 42 s.h.
2. Foreign language through level 1002 ...................................................... 6 s.h.

Insert on Page 209 of 2004-2005 Catalog:

3. Core ........................................................................................................... 24 s.h.
COMM 1001. Introduction to Communication (3) (F,S) (GE:SO)
COMM 1002. Media Writing (3) (WI) (F,S,SS) (P: ENGL 1100)
COMM 2410. Public Speaking (3) (F,S,SS) or COMM 2420. Business and Professional Communication (3) (F,S,SS)
COMM 4032. Mass Media Law (3) (S) (P: COMM major or minor or consent of instructor; 18 s.h. in COMM) or COMM 4042. First Amendment Law (3) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
COMM 4080. Senior Seminar (3) (F,S,SS) (P: COMM major or minor or consent of instructor; Completion of 24 s.h. COMM before registering for course)
COMM 4905. Media Ethics (3) (F,S) (WI) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)

Choose 3 s.h. from:
COMM 3110. Persuasion Theories (3) (P: COMM major or minor or consent of instructor)
COMM 3142. Small Group Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3152. Interpersonal Communication Theory (3) (F) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 3180. Intercultural Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3390. International News Communication (3) (S) (GE:SO) (P: COMM major or minor or consent of instructor)

Choose 3 s.h. from:
COMM 2250. Classic Documentaries: 1900-2000 (3) (P: COMM major or minor or consent of instructor)
COMM 3172. Media Effects (3) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 3360. History of the Moving Image (3) (P: COMM major or minor or consent of instructor)
COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
COMM 4075. Media Criticism (3) (WI) (P: COMM major or minor or consent of instructor)

4. Concentration area (Choose one.) .............................................................. 21-24 s.h.
Broadcast Journalism (21 s.h.):
COMM 2210. Writing for the Electronic Mass Media (3) (WI) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 1002)
COMM 2215. Audio Production (3) (P: COMM major or minor or consent of instructor; COMM 2210)
COMM 2220. Video Production (3) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 2210)
COMM 2230. Announcing (3) (F,S,SS) (P: COMM major or minor or consent of instructor)
COMM 2320. Basic Reporting (3) (F,S,SS) (WI) (P: COMM major or minor or consent of instructor)
COMM 3220. Video Field Production (3) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 2220)
COMM 3320. Advanced Reporting (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3322. Computer Assisted Reporting (3) (WI) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3311. Business and Economic Reporting (3) (WI) (P: COMM major or minor or consent of instructor; COMM 2320).

Media Production (24 s.h.):
Choose 3 s.h. from:
COMM 2320. Basic Reporting (3) (F,S,SS) (WI) (P: COMM major or minor or consent of instructor)
COMM 3212. Non-News Media Features (3) (P: COMM major or minor or consent of instructor; COMM 2320)
COMM 3235. Advanced Writing for Television Formats (3) (P: COMM major or minor or consent of instructor; COMM 2210, 2320, 3020)

Must be taken in sequence:
COMM 2210. Writing for the Electronic Mass Media (3) (WI) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 1002)
COMM 2215. Audio Production (3) (P: COMM major or minor or consent of instructor; COMM 2210)
COMM 2220. Video Production (3) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 2210)
COMM 3220. Video Field Production (3) (F,S) (P: COMM major or minor or consent of instructor; COMM 2220)
COMM 3250. Video Post Production Techniques (3) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3242. Advanced Studio Production (3) (P: COMM major or minor or consent of instructor; COMM 2220).

**Insert on page 210 of 2004-2005 catalog:**

- COMM 3275. Advanced Video Production (3) (F,S,SS) (P: COMM major or minor or consent of instructor; COMM 3212 or 3235; 3250)
COMM 4210. Video Direction (3) (F,S) (P: COMM major or minor or consent of instructor; COMM 3275)

**Media Studies (24 s.h.):**
COMM 2030. Communication Research (3) (F,S) (P: COMM major or minor or consent of instructor)

Choose 2 of the following areas:
Public Relations (9 s.h.):
COMM 2104. Public Relations and Corporate Writing (3) (WI) (P: COMM major or minor or consent of instructor)
COMM 3120. Public Relations Theory (3) (F,S) (P: COMM major or minor or consent of instructor)
COMM 4180. Public Relations Strategies (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; COMM 3120)

Journalism (9 s.h.):
COMM 2320. Basic Reporting (3) (F,S,SS) (WI) (P: COMM major or minor or consent of instructor)
COMM 3320. Advanced Reporting (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3322. Computer Assisted Reporting (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3311. Business and Economic Reporting (3) (WI) (P: COMM major or minor or consent of instructor; COMM 2320) or COMM 3330. Feature Writing (3) (WI) (P: COMM major or minor or consent of instructor; COMM 2320)
COMM 4240. International Electronic Mass Media Systems (3) (P: COMM major or minor or consent of instructor)

Media Production (9 s.h.):
COMM 2210. Writing for the Electronic Mass Media (3) (WI) (F,S,SS) (P: COMM major or minor or consent of instructor)
COMM 2215. Audio Production (3) (P: COMM major or minor or consent of instructor; COMM 2210)
COMM 2220. Video Production (3) (P: COMM major or minor or consent of instructor; COMM 2210)

Media Performance (9 s.h.):
COMM 2230. Announcing (3) (F,S,SS) (P: COMM major or minor or consent of instructor)
COMM 2400. Oral Communication (3) (P: COMM major or minor or consent of instructor)
COMM 4220. Video Performance (3) (P: COMM major or minor or consent of instructor; COMM 2230)

Choose 3 s.h. from:
COMM 3160. Organizational Communication Theory (3) (P: COMM major or minor or consent of instructor)
COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
COMM 4045. Media Literacy for Communication Professional (3) (P: COMM major or minor or consent of instructor)
COMM 4091. Internship-Seminar (3) (F,S,SS) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
COMM 4185. International Public Relations (3) (P: COMM major or minor or consent of instructor; COMM 3120)

5. Minor or structured electives to complete requirements for graduation.

Students who major in communication cannot minor in communication.

**Communication: Communication Studies Minor**
The minimum requirement for the communication minor is 24 s.h. of credit as follows:

1. Core ........................................................................................................................................... 6 s.h.
COMM 1001. Introduction to Communication (3) (F,S) (GE:SO)
COMM 1002. Media Writing (3) (WI) (F,S,SS) (P: ENGL 1100)

2. Choose from the following ........................................................................................................... 18 s.h.
COMM 2030. Communication Research (3) (F,S) (P: COMM major or minor or consent of instructor)
COMM 2104. Public Relations and Corporate Writing (3) (WI) (P: COMM major or minor or consent of instructor)
COMM 3110. Persuasion Theories (3) (P: COMM major or minor or consent of instructor)
COMM 3120. Public Relations Theory (3) (F,S) (P: COMM major or minor or consent of instructor)
COMM 3142. Small Group Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3152. Interpersonal Communication Theory (3) (F) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 3160. Organizational Communication Theory (3) (P: COMM major or minor or consent of instructor)
Insert on page 211 of 2004-2005 catalog:

COMM 3172. Media Effects (3) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 3180. Intercultural Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3380. Computer Mediated Communication (3) (P: COMM major or minor or consent of instructor)
COMM 3390. International News Communication (3) (S) (GE:SO) (P: COMM major or minor or consent of instructor)
COMM 4032. Mass Media Law (3) (F,S) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
COMM 4130. Conflict and Communication (3) (P: COMM major or minor or consent of instructor; COMM 3142 or 3152 or 3160)
COMM 4135. Gender and Communication (3) (P: COMM major or minor or consent of instructor. P: For Women's Studies Major or Minor: COMM 1001, 1002; or WOST 2000 or 2400)
COMM 4180. Public Relations Strategies (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; COMM 3120)
COMM 4185. International Public Relations (3) (F) (P: COMM major or minor or consent of instructor; COMM 3120)
COMM 4190. International Communication and the Foreign Media (3) (P: COMM major or minor or consent of instructor; COMM 3390)

Communication: Media Studies Minor
The minimum requirement for the minor in electronic mass media studies is 24 s.h. of credit as follows:
1. Core ................................................................. 6 s.h.
   COMM 1001. Introduction to Communication (3) (F,S) (GE:SO)
   COMM 1002. Media Writing (3) (WI) (F,S,SS) (P: ENGL 1100)
2. Choose from the following ................................................................. 18 s.h.
   COMM 2030. Communication Research (3) (F,S) (P: COMM major or minor or consent of instructor)
   COMM 2210. Writing for the Electronic Mass Media (3) (WI) (F,S,SS) (P: COMM major or minor or consent of instructor)
   COMM 2250. Classic Documentaries: 1900-2000 (3) (P: COMM major or minor or consent of instructor)
   COMM 2320. Basic Reporting (3) (WI) (F,S) (P: COMM major or minor or consent of instructor)
   COMM 3020. Producing Electronic Mass Media Messages (3) (P: COMM major or minor or consent of instructor)
   COMM 3212. Non-News Media Features (3) (P: COMM major or minor or consent of instructor; COMM 2320)
   COMM 3235. Advanced Writing for Television Formats (3) (P: COMM major or minor or consent of instructor; COMM 2210, 2320, 3020)
   COMM 3311. Business and Economic Reporting (3) (P: COMM major or minor or consent of instructor; COMM 3320; ECON 2113 2320)
   COMM 3320. Advanced Reporting (3) (WI) (F,S) (P: COMM major or minor or consent of instructor; COMM 2320)
   COMM 3321. Investigative Reporting (3) (WI) (P: COMM major or minor or consent of instructor; COMM 3320)
   COMM 3325. Reporting for Visual Media (3) (P: COMM major or minor or consent of instructor; COMM 2320)
   COMM 3330. Feature Writing (3) (P: COMM major or minor or consent of instructor; COMM 3320 2320)
   COMM 3390. International News Communication (3) (S) (GE:SO) (P: COMM major or minor or consent of instructor)
   COMM 4032. Mass Media Law (3) (F,S) (P: COMM major or minor or consent of instructor; 18 s.h. COMM)
   COMM 4040. Media, Culture, and Society (3) (F,S) (P: COMM major or minor or consent of instructor; 15 s.h. COMM)
   COMM 4050. Media Management (3) (P: COMM major or minor or consent of instructor)
   COMM 4062. Media Sales and Promotions (3) (P: COMM major or minor or consent of instructor)
   COMM 4075. Media Criticism (3) (WI) (P: COMM major or minor or consent of instructor)
   COMM 4240. International Electronic Mass Media Systems (3) (P: COMM major or minor or consent of instructor)
   COMM 4250. Programming for the Electronic Media (3) (P: COMM major or minor or consent of instructor)

Communication Honors Program
The School of Communication Honors Program provides an opportunity for outstanding communication majors to do intensive research in areas of special interest. Participation is limited to seniors who have obtained a minimum university and major 3.5 GPA. Students participating in the honors program enroll in COMM 4196 and 4199 in consecutive semesters of

- Insert on page 323 of 2004-2005 catalog:

COMM: COMMUNICATION

1001. Introduction to Communication (3) (F,S) (GE:SO) Formerly COMM 2001; EMST 1010 Theory and processes affecting human communication, including interpersonal, small group, and organizational communication as well as theory processes, and history of mass media communication.

1002. Media Writing (3) (WI) (F,S,SS) Formerly COMM 2002 May not count toward general education social sciences requirement. P: ENGL 1100. Writing techniques for print, electronic mass media, public relations, and advertising.

2030. Communication Research (3) (F,S) Formerly COMM 3030; EMST 2030 2 classroom and 1 lab hours per week. May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor. Research
methods used to measure content, process, and effects of communication on attitudes, knowledge, and behavior. Research design, data analysis, evaluation, and results presented in quantitative and qualitative research methodologies.

2103. Multimedia Messages for Communication Professionals (3) Formerly COMM 2003 2 lecture and 1 lab hours per week. May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor. Multimeda techniques in professional communication settings. Incorporation of text, sound, and video messages through computer technology. Emphasis on integrated message production used by communication professionals in journalism and public relations.

2104. Public Relations and Corporate Writing (3) (WI) May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor. Writing used by print, broadcast, on-line media. Indepth practice writing and editing corporate documents to include memos, reports, brochures, newsletter articles, backgronders, news releases, and media kits.

2210. Writing for the Electronic Mass Media (3) (WI) (F,S,SS) Formerly EMST 2110 P: COMM major or minor or consent of instructor; COMM 1002. Key components of written electronic mass media. Variety of written assignments and development of comprehensive final project.

2215. Audio Production (3) (F,S,SS) Formerly EMST 2210 P: COMM major or minor or consent of instructor; COMM 2210. Fundamental principles and techniques of writing copy for electronic news, advertising, and promotional mass media.

2220. Video Production (3) (F,S,SS) Formerly EMST 3310 Lecture and lab. P: COMM major or minor or consent of instructor; COMM 2210. Basic video production techniques and equipment.

2230. Announcing (3) (F,S,SS) Formerly EMST 2610 P: COMM major or minor or consent of instructor. Development of applied speaking skills necessary for professional announcing employment.

2250. Classic Documentaries, 1900-2000 (3) May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor. Content, style, production, purpose, and sociological impact of twentieth century long-format visual documentary in film and video from historical, theoretical, and artistic perspectives.

2320. Basic Reporting (3) (WI) (F,S) Formerly COMM 2200; EMST 2510 May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor. Journalistic news style. Gathering, writing, and editing of news stories for print and electronic media. Emphasis on broadcast and print styles and ethical considerations.

2400. Oral Communication (3) May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor. Improvement of articulation and pronuciation through drills and the delivery of simple speeches. Special attention paid to development of standard American speech paterns.

2410. Public Speaking (3) (F,S,SS) (GE:FA) Formerly SPCH 2510 Emphasis on organizing and delivering speeches for all occasions, including informative, persuasive, and ceremonial.

2420. Business and Professional Communication (3) (F,S,SS) (GE:FA) Formerly SPCH 2520 Emphasis on developing excellent communication skills in everyday speaking, interviews, group presentations, and public speaking. Student organizes and delivers informative, persuasive, and group presentations.

Insert on page 325 of 2004-2005 catalog:

3235. Advanced Writing for Television Formats (3) May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 2210, 2320, 3020. Staple formats of TV writing: TV movie, one-hour drama, thirty-minute situation comedy, documentary /biography, interview/talk show, and reality show. Examines each format's content, style, structure, and organization from historical models. Final project is to write 30-minute sitcom.

3242. Advanced Studio Production (3) May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor. Creative and technical skills and the theoretical framework needed in a studio production environment.

3250. Video Post Production Techniques (3) May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 3220. Advanced post production non-linear editing techniques for analog and digital video, including A/B roll editing, digital video effects, and electronic graphics.

3275. Advanced Video Production (3) (F,S,SS) Formerly EMST 3320 P: COMM major or minor or consent of instructor; COMM 3242 or 3235; 3250. Advanced elements of video production.

3280. Video Magazine Practicum (3) Formerly COMM 3270 1 lecture and 6 lab hours (to be arranged) per week. May not count toward general education social sciences requirement. P: COMM 2103; consent of instructor. Lab for students working in university's video yearbook, the Treasure Chest, or other team-oriented video production projects used in public relations and journalism.

3291, 3292, 3293. Production Practicum (1,2,3) (F,S,SS) Formerly EMST 3591, 3592, 3593 Minimum of 6 hours of practical work per week for each hour of credit. Maximum of 3 s.h. may count toward COMM major. P: COMM major or minor or consent of instructor. Faculty guidance in some area of communication.

3310. Copy Editing and Design (3) (F,S,SS) Formerly COMM 3200 May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 2320. Basic course in editing and layout of a variety of publications.

3311. Business and Economic Reporting (3) (WI) Formerly COMM 3211 May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 3320; ECON 2413. COMM 2320. Communication students write about business and economic events.

3320. Advanced Reporting (3) (WI) (F,S) Formerly COMM 3210; EMST 3510 May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 2320. Principles and techniques of in-depth newsgathering. Topics include research of individuals, business and government, computer-assisted reporting, open meetings/records laws, and media research ethics.
3321. Investigative Reporting (3) (WI) Formerly COMM 3221 May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 3320. Advanced news gathering techniques for journalists. On-line database searching and off-campus trips that encourage indepth reporting.

3322. Computer Assisted Reporting (3) (WI) (F,S) May not count toward general education social science credit. P: COMM major or minor or consent of instructor; COMM 2320. Principles and techniques of precision journalism. Topics include use of data analysis tools (e.g.: Excel, Access, SPSS, Arc View), FOI/Open Records laws, practical data analysis, and statistical methods for journalism research.

3325. Reporting for Visual Media (3) Formerly COMM 3225 2 lecture and 1 lab hours per week. May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 2320. News gathering and reporting techniques for presentation through visual media. Examination and critical analysis of investigative reports, special events coverage, and documentary.

3330. Feature Writing (3) Formerly COMM 3230 May not count toward general education social sciences requirement. P: COMM major or minor or consent of instructor; COMM 3320. Study and practice in feature writing for newspapers, magazines, and special publications.

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NURSING

SCHOOL OF NURSING

Phyllis Hons, Dean
133 Rivers Building

Lou Everett, Associate Dean for Undergraduate Program
133 Rivers Building

Alta Andrews, Interim Associate Dean for Undergraduate Program and Chairperson Department of Family and Community Nursing
Community Nurse Systems and Interim Chairperson, Department of Parent-Child Nursing
239 Rivers Building

Josie Bowman, Chairperson Department of Adult Health Nursing
247 Rivers Building

Curriculum

The baccalaureate program in nursing educates students for professional nursing practice and is characterized by a combination of general education and nursing courses. The focus of the nursing courses is on nursing theory and scientific principles applied to the care of healthy persons as well as to acute and chronic health problems of individuals, families, and groups.

Clinical experiences are provided in a variety of health care settings, such as hospitals, health departments, nursing homes, mental health centers, and other health-related community agencies. Graduates are prepared for beginning positions in nursing with the potential for positions of leadership and graduate study.

All students--high school graduates, transfer students, diploma or associate-degree graduates in nursing--earn the Bachelor of Science in Nursing degree (BSN). The awarding of the BSN does not license one as a registered nurse. A separate examination (NCLEX-RN) is administered by the board of nursing in the state in which the applicant wishes to be registered. The School of Nursing will certify completion of degree requirements, but meeting other requirements for licensure is the responsibility of each candidate.

Registered nurses seeking to obtain a BSN are offered an opportunity for educational mobility through the ReNew track option. The curriculum track for RNs uses both traditional and nontraditional study methods. Modifications in course offerings include flexible scheduling and sequencing (including on-line options), special sections for RNs, and creative methods of meeting course objectives. Registered nurse students meet course requirements by transfer, advanced placement, credit by exam, CLEP, and completion of courses by enrollment.

There is an RN to MSN track available for registered nurses who do not have a baccalaureate degree in nursing. See the graduate catalog for admission requirements.

All students are required to demonstrate computer competency, which can be met by placement or enrollment in ASIP 2000. This course will not meet graduation requirements.

The program is accredited by the National League for Nursing Accrediting Commission (61 Broadway, New York, NY 10006; 212-363-5555) and approved by the North Carolina Board of Nursing.

Admission

Freshmen may declare an intent to enroll in nursing but are assigned to General College until officially admitted to the School of Nursing after filing an application for admission to the major and meeting eligibility requirements prior to enrollment in the first nursing courses. Eligibility is based upon a minimum cumulative 2.2 GPA and completion of general education requirements. A minimum grade of C is required in biology, chemistry, and college algebra or equivalent.

Admission to nursing courses is competitive and limited due to space availability and accrediting requirements. Students desiring readmission after an absence of one or more semesters must secure approval from the university admissions office and the School of Nursing Student Affairs Committee.
Financial aid is available through scholarships and loans from government and private sources, work-study, and self-help programs. Information is available from the university director of financial aid or the School of Nursing director of student services.

BS in Nursing (BSN)

Minimum degree requirement is 128 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ............................................. 42 s.h.

   BIOL 2140, 2150. Human Physiology and Anatomy (3,3) (P: 1 CHEM course; P for 2150: BIOL 2140; C for 2140: BIOL 2141; C for 2150: BIOL 2151)
   BIOL 2141, 2151. Human Physiology and Anatomy Laboratory (1,1) (P for 2151: BIOL 2141; C for 2141: BIOL 2140; C for 2151: BIOL 2150)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3206. Developmental Psychology (3) (WI*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
   SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

   Choose an approved 3 s.h. ethics course

2. Professional nursing core ........................................................................................................ 28 s.h.

   NURS 3410. Concepts of Pathophysiology for Nursing (3) (F,S) (P: Admission to NURS major)
   NURS 3510. Nursing Research (3) (F,S,SS) (P: All required NURS courses below 3330; approved statistics course)
   NURS 3520. Trends and Issues in Professional Nursing (3) (WI) (F,S,SS) (P: All required NURS courses below 3330)
   NURS 4100. Health of the Older Adult (2) (F,S) (P: All required NURS courses below 4000)
   NURS 4150. Nursing Leadership (3) (F,S) (P: All required NURS courses below 4000)
   NURS 4210, 4211. Nursing Care of Populations and Communities (6) (F,S) (P: All required NURS courses below 4200)
   NURS 4500. Theory Capstone (3) (WI) (F,S) (P: All required NURS courses below 4200; C: NURS 4210, 4211)
   NURS 4511. Clinical Capstone (5) (F,S) (P: All required NURS courses below 4200; P/C: NURS 4210, 4211, 4500)

3. Specialization area (Choose one.) .......................................................................................... 39 s.h.

   Professional Nursing (Pre-licensure students):
   NURS 3020, 3021. Health Assessment (3,0) (F,S) (P: Admission to the NURS major)
   NURS 3040. Pharmacotherapeutics (3) (F,S) (P: Admission to the NURS major)
   NURS 3200. Introduction to Professional Nursing (3) (2,2) (F,S) (P: Admission to the NURS major)
   NURS 3210, 3211. Nurse As Care Provider (6) (F,S) (P/C: NURS 3020, 3021, 3040, 3200, 3270, 3271, 3410)
   NURS 3270, 3271. Clinical Nursing Foundations I (2,0) (F,S) (P/C: NURS 3020, 3021, 3040, 3200, 3210, 3211. (P: Admission to the NURS major)
   NURS 3330, 3331. Nursing Care of Families During the Childbearing Phase (5) (F,S) (P: All required NURS courses below 3330; P/C: NURS 3040, 3370, 3371, 3410)
   NURS 3340, 3341: Nursing Care of Children (5) (F,S) (P: All required NURS courses below 3330; P/C: NURS 3040, 3370, 3371, 3410)
   NURS 3370, 3371. Clinical Nursing Foundations II (2,0) (F,S) (P: NURS 3270, 3271)
   NURS 4010, 4011. Nursing Care of Clients with Alterations in Mental Health (5) (F,S) (P: All required NURS courses below 4000)
   NURS 4020, 4021. Nursing Care of Adults (SH 6) (F,S) (P: All required NURS courses below 4000)

   Registered Nurse Students:
   NURS 3900. Concepts in Professional Nursing (3) (WI) (F,S) (P: hold a current unrestricted license as a registered nurse in NC; completion of required sciences, general education, and cognate courses; C: NURS 3020, 3021 or permission of faculty)

   Upon successful completion (minimum grade of C) in NURS 3900, students meet the competencies listed above for professional nursing and receive placement credit for 33 s.h. of selected junior-level courses.

4. Cognates........... 17 s.h.

   BIOL 2110, 2111. Fundamentals of Microbiology (4,0) (F,S) (P: 4 s.h. in BIOL; 8 s.h. in CHEM)
   CHEM 1120. Basic General, Organic, and Biochemistry I (4) (F,S) (GE:SC)
   CHEM 1130. Basic General, Organic, and Biochemistry II (3) (F,S) (GE:SC) (P: CHEM 1120)
   NUBM 2105. Nutrition (3) (F,S,SS)

   An approved 3 s.h. statistics course

5. Electives to complete requirements for graduation.

   Requirements

   The School of Nursing considers a grade of C as the minimum passing grade for required nursing courses. Nursing students are required to earn a minimum course grade of C in all nursing courses. Opportunity to repeat a nursing course is limited by the School of Nursing Progression Policies as printed in the current student handbook.

SECTION 7: ACADEMIC PROGRAMS

All students are required to have CPR certification, a TB skin test, immunizations including Hepatitis B, and to purchase health and liability insurance prior to enrollment in clinical nursing courses. Verification of TB skin test, CPR update, and payment of health and liability insurance is required each year. Proof of current health insurance must be provided by the student. If applicable, waivers must be signed for immunizations and health insurance. Criminal background checks are also required prior to enrolling in nursing courses.

Specific health requirements are stated in the School of Nursing Student Handbook.

The School of Nursing utilizes diagnostic tests for each of the 4 semesters a student is enrolled in the SON undergraduate curriculum. This also applies to RN students and tests are administered during the semester that specific content is taught. Tests may be administered prior to instruction, during the semester, or near the completion of the semester. Results are used to assist students from entrance to graduation in determining nursing content that has been mastered. Various enhancement materials are used to assist with identified weaknesses.

Credit for courses in the School of Nursing is determined by the following formula: one classroom/lecture hour per week equals 1 s.h. credit; two lab hours per week equals 1 s.h. credit; and three practicum hours per week equals 1 s.h. credit.
Insert on Pages 423 and 424 of the UG catalogue

NURS: NURSING

3020, 3021. Health Assessment (3,0) (F,S) 2 lecture and 2 lab hours per week. P: Admission to NURS major. Theoretical foundations and lab experiences necessary for performing holistic health assessment.

3040. Pharmacotherapeutics (3) (F,S) P: Admission to NURS major. Relationship of drugs and their physiological effects. Nursing role in pharmacotherapeutics with consideration to legal, ethical, economic, and technological factors.

3081, 3082, 3083. Topics in Nursing (1,2,3) 1 classroom hour for 1 s.h.; 2 lab hours for 1 s.h.; 3 clinical hours for 1 s.h. May be repeated for credit at discretion of instructor. Selected contemporary topics. Individualized or small group learning experiences provide indepth content in a nursing area.

3200. Introduction to Professional Nursing (3) (2) (F,S) P: Admission to NURS major. Conceptual and philosophical foundations of professional nursing.

3205. Health in the Older Adult (3) (S) P: GERO 2400 or consent of instructor. Issues surrounding health of older adult.

3210, 3211. Nurse as Care Provider (6) (F,S) 4 lecture and 6 practicum hours per week P/C: NURS 3020, 3021, 3040, 3200, 3270, 3271. Holistic view of adult client in acute care settings. Theoretical foundations of wellness and illness and their relationship to nursing practice.

3260. Legal Aspects of Health Care (2) (F) P: Nursing major or consent of instructor. Legal system as related to practice of health care professionals, especially professional nurses.

3270, 3271. Clinical Nursing Foundations I (2,0) (F,S) 1 lecture and 2 lab hours per week. P/C: NURS 3020, 3021, 3040, 3200, 3210, 3241. P: Admission to NURS major. Basic skills required for professional nursing practice.

3330, 3331. Nursing Care of Families During the Childbearing Phase (5) (F,S) 3 lecture and 6 practicum hours per week. P: All required NURS courses below 3330 3300; P/C: NURS 3040, 3370, 3371, 3410. Theoretical foundations and clinical experiences in nursing care of families during childbearing phase.

3340, 3341. Nursing Care of Children (5) (F,S) 3 lecture and 6 practicum hours per week. P: All required NURS courses below 3330-3300; P/C: NURS 3040, 3370, 3371, 3410. Theoretical foundations and clinical experiences in nursing care of children and their families.

3370, 3371. Clinical Nursing Foundations II (2,0) (F,S) 1 lecture and 2 lab hours per week. P: NURS 3270, 3271. Intermediate and advanced skills required for professional nursing practice.

3410. Concepts of Pathophysiology for Nursing (3) (F,S) P/C: All required NURS courses below 3510. P: Admission to NURS major. Etiology, mechanism, and clinical presentation of alterations in physiology.

3510. Nursing Research (3) (F,S,SS) P: All required NURS courses below 3330; approved statistics course. Introduction to research process and its impact on nursing practice, education, and public policy.

3520. Trends and Issues in Professional Nursing (3) (WI) (F,S,SS) P: All required NURS courses below 3330. Topics in global health care environment.

3900. Concepts in Professional Nursing (3) (WI) (F,S) Required for RN students. P: hold a current unrestricted license as a registered nurse in NC; completion of required sciences, general education, and cognate courses; C: NURS 3020, 3021 or permission of faculty. Theoretical/conceptual foundations of professional nursing which focuses on role development and implications of evidence-based professional nursing practice.

4010, 4011. Nursing Care of Clients with Alterations in Mental Health (5) (F,S) 3 lecture and 6 practicum hours per week. P: All required NURS courses below 4000. Theoretical foundations and clinical experiences specific to promotion of mental health. Maintenance of optional functioning and maximization of quality of life for clients with alterations in mental health.

4020, 4021. Nursing Care of Adults (5) (6)(F,S) 2 lecture and 9 practicum hours per week. P: All required NURS courses below 4000. Theoretical foundations and clinical experiences specific to nursing care of adults within a family experiencing complex alterations in health.

4100. Health of the Older Adult (2) (F,S) P: All required NURS courses below 4000. Conceptual and philosophical approaches to aging along wellness-illness continuum.
4150. Nursing Leadership (3) (F,S) P: All required NURS courses below 4000. Theoretical and organizational frameworks for understanding essential elements of nursing leadership.

4210, 4211. Nursing Care of Populations and Communities (6) (F,S) 3 lecture and 9 practicum hours per week. P: All required NURS courses below 4200. Theoretical foundations and clinical experiences specific to nursing care of populations and communities.

4500. Theory Capstone (3) (WI) (F,S) P: All required NURS courses below 4200; C: NURS 4210, 4211. Synthesis of previous learning for transition into professional nursing practice.

4511. Clinical Capstone (5) 2 seminar and 12 practicum hours per week. P: All required NURS courses below 4200; C: NURS 4210, 4211. Manages, coordinates, and delivers nursing care in selected settings based on application of previous learning.

5000. Nursing Care for Families: A Systems Perspective (3) P: Graduate status or consent of instructor. Interpretation of family responses useful in formulating nursing assessments and diagnoses and for defining basic nursing therapeutic interventions for families in variety of health care settings. Nursing process used to explore state of the art concept of family nursing science. Current and predicted changes in health care delivery and their affect on family.

5025. Computer Applications in Nursing (2) P: Graduate student status; undergraduate seniors by consent of instructor. Computer applications in nursing service, education, research, and clinical practice.

5327. Women's Health (3) Health care issues and changes affecting delivery of care.

5620. International Health Care (3) P: Graduate status or senior by consent of instructor. Issues, philosophy, and cultural differences in health care from international perspective. Compares US health care to that in other nations.

5900. School Nursing Practice (3) Complexity of school nurse role in coordinated school health programs. Emphasis on case management and interdisciplinary practice in school setting.

NURS Banked Courses

3050. Nursing Core I (2) 3250, 3251. Geriatric Nursing (3,0) 3901. Practicum in Concepts in Professional Nursing (2)

3060. Patient Education for Interdisciplinary Health Care Providers (3,0)

4050. Nursing Core II (3)

**ENGLISH**

**Insert on pp. 122 – 123 of 2004 – 2005 catalog**

**DEPARTMENT OF ENGLISH**

Bruce Southard, Chairperson, 2201 Bate Building

BA in English

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

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) .............................................. 42 s.h.

2. Foreign language through level 1004 .............................................. 12 s.h.

3. **Common Core** (exclusive of freshman composition) .................. 12 s.h.

**Shakespeare:**

Choose 3 s.h. from:

ENGL 4070. Shakespeare: The Histories (3) (WI) (F,EY), (GE,HU) (P: ENGL 1200)

ENGL 4090. Shakespeare: The Comedies (3) (WI) (F,S,SS) (GE,HU) (P: ENGL 1200)

ENGL 4090. Shakespeare: The Tragedies (3) (WI) (F,S,SS) (GE,HU) (P: ENGL 1200)

**Historical Survey I: Literature to 1700**

Choose 3 s.h. from:

ENGL 3000. History of British Literature in English to 1700 (3) (WI) (F,S) (GE,HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)

ENGL 3600. Classics from Homer to Dante (3) (WI) (F) (GE,HU) (P: ENGL 1200)
- **Historical Survey II: Literature after 1700 from:**
  Choose 3 s.h. from:
  - ENGL 3010. History of British Literature in English, 1700-1800 (3) (WI) (F,S) (GE:HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)
  - ENGL 3020. History of American Literature to 1900 (3) (WI) (F,S) (GE:HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)
  - ENGL 4360. World Literature in English (3) (WI) (S-EY) (GE:HU) (P: ENGL 1200)

- **Language Study—Creative Writing, Linguistics, Rhetoric and Composition, or Technical and Professional Communication**
  Choose 3 s.h. from:
  - ENGL 2700. Introduction to Language Studies (3) (F,S) (GE:HU) (P: ENGL 1200)
  - ENGL 2710. English Grammar (3) (F,SS) May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 2730. Functional Grammar (3) (WI) (F,SS) For non-English major. May not count toward ENGL major. May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 2740. Language in the USA (3) (F) (GE:HU) (P: ENGL 1200)
  - ENGL 2760. Afro-Caribbean Language and Culture (3) (WI) (S) (P: ENGL 1200)
  - ENGL 3030. Introduction to Rhetorical Studies (3) (WI) (S) (P: ENGL 1200)
  - ENGL 3040. Introduction to Professional Writing (3) (WI) (F) (P: ENGL 1200)
  - ENGL 3720. Writing Systems of the World (3) (F) (P: ENGL 1200)
  - ENGL 3730. The Structure of English: Phonology and Morphology (3) (F) Formerly ENGL 5501. May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 3740. The Structure of English: Syntax and Semantics (3) (S) Formerly ENGL 5502. May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 3750. Introductory Linguistics (3) (S) (P: ENGL 1200)
  - ENGL 3830. Introduction to Play Writing (3) (WI) (F) May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 3835. Persuasive Writing (3) (WI) (F,S) (P: ENGL 1200) ENGL 3840. Introduction to Poetry Writing (3) (WI) (F,S,SS) May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 3850. Introduction to Fiction Writing (3) (WI) (F,SS) May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 3860. Introduction to Nonfiction Writing (3) (WI) (F,S) May not count toward general education humanities requirement. (P: ENGL 1200)
  - ENGL 3870. Introduction to Editing and Abstracting (3) (WI) (F,S) (P: ENGL 1200)
  - ENGL 4730. Language and Society (3) (S) (P: ENGL 1200)
  - ENGL 5500. Linguistic and Cultural History of the English Language (3) May not count toward general education humanities requirement.

- ENGL 2000. Interpreting Literature (3) (WI) (F,S,SS) (GE:HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)
- ENGL 3000. History of Literature in English to 1700 (3) (WI) (F,S) (GE:HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)
- ENGL 3010. History of Literature in English, 1700-1800 (3) (WI) (F,S) (GE:HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)
- ENGL 3020. History of Literature in English, 1880-Present (3) (WI) (F,S) (GE:HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)

- **4. Concentration area**

  Choose 3 s.h. from:
  - ENGL 2700. Introduction to Language Studies (3) (F,S) (GE:HU) (P: ENGL 1200)
  - ENGL 2710. English Grammar (3) (F,SS) (P: ENGL 1200)
  - ENGL 3750. Introductory Linguistics (3) (S) (GE:HU) (P: ENGL 1200)
  - ENGL 3810. Advanced Composition (3) (WI) (F,S,SS) (P: ENGL 1200)
  - ENGL 3830. Introduction to Play Writing (3) (WI) (F) (P: ENGL 1200)
  - ENGL 3840. Introduction to Poetry Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
  - ENGL 3850. Introduction to Fiction Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
  - ENGL 3860. Introduction to Nonfiction Writing (3) (WI) (F,S) (P: ENGL 1200)
  - ENGL 3880. Critical Writing (3) (WI) (GE:HU) (P: ENGL 1200)
  - ENGL 5500. Linguistic and Cultural History of the English Language (3)

  Choose 3 s.h. from:
  - ENGL 4070. Shakespeare: The Histories (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)
  - ENGL 4080. Shakespeare: The Comedies (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)
  - ENGL 4090. Shakespeare: The Tragedies (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)

  Choose an additional 18 s.h. of ENGL electives above 2899 (CLAS 3460 may be used to satisfy this requirement), including a minimum of 12 s.h. above 3999. Writing courses and ENGL 4950 may not be used to satisfy this requirement.
Writing:
Choose 3 s.h. from:
ENGL 4070. Shakespeare: The Histories (3) (WI) (F-EY) (GE-HU) (P: ENGL 1200)
ENGL 4080. Shakespeare: The Comedies (3) (WI) (F,S,SS) (GE-HU) (P: ENGL 1200)
ENGL 4090. Shakespeare: The Tragedies (3) (WI) (F,S,SS) (GE-HU) (P: ENGL 1200)
Choose 18 s.h. from:
ENGL 3810. Advanced Composition (3) (WI) (F,S,SS) (P: ENGL 1200)
ENGL 3820. Scientific Writing (3) (F,S,SS) (P: ENGL 1200)
ENGL 3830. Introduction to Play Writing (3) (WI) (F) (P: ENGL 1200)
ENGL 3840. Introduction to Poetry Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
ENGL 3850. Introduction to Fiction Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
ENGL 3860. Introduction to Nonfiction Writing (3) (WI) (F,S) (P: ENGL 1200)
ENGL 3870. Introduction to Editing and Abstracting (3) (WI) (F,S) (P: ENGL 1200)
ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
ENGL 3890. Critical Writing (3) (WI) (S-OY) (GE-HU) (P: ENGL 1200)
ENGL 4890. Practicum: Careers in Writing (3) (F,S,SS) (P: Consent of instructor)
ENGL 4891. Practicum: Careers in Writing (3) (F,S,SS) (P: Consent of instructor)
ENGL 5770. Advanced Editing (3) (WI) (P: ENGL 3870 or consent of instructor)
ENGL 5780. Advanced Writing for Business and Industry (3) (WI) (P: ENGL 3880 or consent of instructor)
ENGL 5840. Advanced Poetry Writing (3) (WI) (P: ENGL 3840 or consent of instructor)
ENGL 5850. Advanced Fiction Writing (3) (WI) (P: ENGL 3850 or consent of instructor)
ENGL 5860. Advanced Nonfiction Writing (3) (WI) (P: ENGL 3860 or consent of instructor)
ENGL 5890. Advanced Script Writing (3) (P: Acceptance into the creative writing concentration of the MA literature program or ENGL 3830 or consent of instructor)
Choose an additional 3 s.h. of ENGL electives above 2899. CLAS 3460 may be used to satisfy this requirement. Writing courses or ENGL 4960 may not be used to satisfy this requirement.

Electives
Choose an additional 24 s.h. of ENGL electives 2000 or above.

5. Senior writing portfolio.
6. Minor and general electives to complete requirements for graduation.

Recommended Elective for Writing Concentration: PHIL 1180. Introduction to Critical Reasoning (3) (WI*) (S) (GE-HU) or PHIL 2271. Introduction to Philosophy of Art (3) (WI*) (F,S) (GE-HU)

English Minor
Required ENGL courses (exclusive of freshman composition) ................................................................. 24 s.h.
A minimum of 12 s.h. must be selected from courses numbered above 2899. CLAS 3460 may be counted.
ENED 4323 and 4324 may not be counted, nor may both ENGL 2710 and 2730 be counted. Students interested in minoring in English should consult with the director of undergraduate studies in the department to plan their minor programs.

Department Certificate in Business and Technical Communication
For licensure, students must register with the department and maintain a minimum average of B.
1. Core .................................................................................................................. 3 s.h.
   ENGL 3890. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
2. Electives ............................................................................................................... Minimum of 12 s.h.
   COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE,FA)
   ENGL 2710. English Grammar (3) (F,S,SS) (P: ENGL 1200) or ENGL 2730. Functional Grammar (3) (WI) (F,S,SS) (P: ENGL 1200)
   ENGL 3810. Advanced Composition (3) (WI) (F,S,SS) (P: ENGL 1200)
   ENGL 3820. Scientific Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
   ENGL 3860. Introduction to Nonfiction Writing (3) (WI) (F,S) (P: ENGL 1200)
   ENGL 3870. Introduction to Editing and Abstracting (3) (WI) (F,S) (P: ENGL 1200)
   ENGL 3885. Writing and Publications Development/Process (3) (WI) (S) (P: Consent of instructor)
   ENGL 3895. Topics in Technical and Professional Writing (3) (WI) (S) (P: Consent of instructor)
   ENGL 4890. Practicum: Careers in Writing (3) (F,S,SS) (P: Consent of instructor) or ENGL 4891. Practicum: Careers in Writing (3) (F,S,SS) (P: Consent of instructor)
   ENGL 5770. Advanced Editing (3) (WI) (P: ENGL 3870 or consent of instructor)
   ENGL 5780. Advanced Writing for Business and Industry (3) (WI) (P: ENGL 3880 or consent of instructor)
   ENGL 5860. Advanced Nonfiction Writing (3) (WI) (P: ENGL 3860 or consent of instructor)

With departmental approval, certain other courses may be substituted.

English Honors Program
The Department of English Honors Program provides an opportunity for outstanding English majors to do intensive research in areas of special interest. In order to qualify for the honors program, a student must have a minimum cumulative and major 3.0 GPA. Students participating in the honors program enroll in ENGL 4550 and 4555 in consecutive semesters of their senior year. After extensive reading on a topic of his or her choice and appropriate consultation with an advisor chosen from among the senior faculty members, the student submits a paper on a topic related to his or her reading and takes an oral examination covering the area of the research.
Summer Program in England
The Department of English offers a summer program of study in London, England. Students may earn 6 s.h. credit toward graduation. Interested students should contact the director of undergraduate studies in English.

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**BS in English, Secondary Education**
A minimum 2.5 GPA is required for admission to the BS program. For admission to internship, English education majors must have attained minimum cumulative and major 2.5 GPAs. They must have passing grades in ENED 4960. They must have a minimum grade of C in ENED 2123; and ENGL 2710. See Section 7, Degree Programs, College of Education, Licensure, for NC teacher licensure requirements. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education plus special requirements for licensure (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below……………… 42 s.h.
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3206. Developmental Psychology (3) (WI*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
   ENGL 2000. Interpreting Literature (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)

2. Foreign language through level 1004 …………………………………………………………………………..12 s.h.

3. Core (exclusive of freshman composition) ……………………………………………………………………….. 33 s.h.
   ENED 3815. Composition Instruction in Grades 9-12 (3) (WI) (F,S,SS) (P: ENGL 2123 or consent of dept chair)
   ENED 4960. Literature for High School (3) (WI) (F)
   ENGL 2700. Introduction to Language Studies (3) (F,S) (GE:HU) (P: ENGL 1200)
   ENGL 2710. English Grammar (3) (WI) (F,S,SS)
   ENGL 3000. British and American Literary History I History of British Literature to 1700 (3) (WI) (GE:HU) (P: ENGL major, minor, academic concentration or consent of dept; ENGL 1200)
   ENGL 3010. British and American Literary History II History of British Literature, 1700-1900 (3) (WI) (F,S) (GE:HU) (P: ENGL major, minor, academic concentration or consent of dept; ENGL 1200)
   ENGL 3020. History of Literature in English, 1880- Present History of American Literature to 1900 (3) (WI) (F,S) (GE:HU) (P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200)

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**ENGL: ENGLISH**
1000. Appreciating Literature (3) (F,S,SS) (GE:HU) For General College students; enrollment limited to students with fewer than 40 s.h. credit. Introduction to past and present readings to enhance the student’s enjoyment and understanding of literature.
1100. Composition (3) (WI) (F,S,SS) (GE:EN) Principles of expository writing and their application to writing tasks. Emphasis on methods of organization; techniques for developing unified, well-supported paragraphs and essays; grammatical conventions, proofreading and editing skills; and other important aspects of the writing process.
2000. Interpreting Literature (3) (WI) (F,S,SS) (GE:HU) P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200. Principal genres of literature with attention to literary devices, techniques, and interpretation.
2200. Major American Writers (3) (WI) (F,S,SS) (GE:HU) P: ENGL 1200. Major works of American literature before World War II.
2700. Introduction to Language Studies (3) (F,S) (GE:HU) P: ENGL 1200. Emphasis on origins of language, historical development of English, acquisition of language, relationship of meaning and language use, and role of linguistic diversity.
2740. Language in the USA (3) (F) (GE:HU) P: ENGL 1200. Linguistic perspective on emergence of American English within the context of many languages spoken in the USA, both past and present. Issues related to language usage, language variation, and linguistic pluralism also discussed.
2760. Afro-Caribbean Language and Culture. (3) (WI) (S) P: ENGL 1200. Description and analysis of the languages spoken by the descendants of Africans in the Caribbean.
2900. Introduction to Film Studies (3) (F,S) (GE:HU) 3 lecture and 3 lab hours per week. P: 1000-level writing-intensive course or advanced placement or consent of instructor. Analyze and critique films.
300 History of British Literature in English to 1700 (3) (WI) (F,S) (GE:HU) P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200. British Literary history of England and America to 1700.

3010 History of British Literature in English, 1700-1880 1900 (3) (WI) (F,S) (GE:HU) P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200. British Literary history of England and America from 1700 to 1880, 1700-1900.

3020 History of American Literature to 1900 in English, 1880-Present (3) (WI) (F,S) (GE:HU) P: ENGL major, minor, academic concentration, or consent of dept; ENGL 1200. History of English, American, and Post-Colonial literatures from 1880 to the present to 1900.

3030 Introduction to Rhetorical Studies (3) (WI) (S) P: ENGL 1200. Introduction to the study of rhetoric, including classical and modern theories, and to research and citation practices. Attention to the practical application of rhetorical principles in the written texts of popular culture, mass media, and education.

3040 Introduction to Professional Writing (3) (WI) (F) P: ENGL 1200. Overview of professional writing principles, current communication issues, research practices, and emerging technologies.

3230 Southern Literature (3) (WI) (F) (GE:HU) P: ENGL 1200. Survey of southern literature from Antebellum writers, through the Southern Renaissance period, to contemporary writers.

3240 U.S. Latino/a Literature (3) (WI) (F) (GE:HU) P: ENGL 1200. Examines literatures written in English in the United States by Latino/a writers, including Chicano/a, Cuban-American, Dominican-American, and Puerto Rican-American writers.

3250 Native American Literatures (3) (WI) (S) (GE:HU) P: ENGL 1200. Emphasis on twentieth century.

3260 Black Literature in America (3) (WI) (F,S,SS) (GE:HU) P: ENGL 1200. Emphasis on twentieth century.

3270 The Frontier in American Literature (3) (WI) (F-OY) (GE:HU) P: ENGL 1200. Westward expansion in America as depicted in popular fiction.

3300 Women and Literature (3) (WI) (F,S,SS) (GE:HU) P: ENGL 1200. Literature by and about women.

3330 Early Twentieth-Century Drama (3) (WI) (F-EY) (GE:HU) P: ENGL 1200. Drama from Ibsen to World War II. Selected plays of Ibsen, Strindberg, Chekhov, Synge, Shaw, Pirandello, and O'Neill.

3340 Contemporary Drama (3) (WI) (F-OY) (GE:HU) P: ENGL 1200. Trends in dramatic literature from World War II to present.

3410 Introduction to Poetry (3) (WI) (F) (GE:HU) P: ENGL 1200. Narration, description, metrics, tone and attitude, imagery, and theme in poetry.

3420 The Short Story (3) (WI) (F,S,SS) (GE:HU) P: ENGL 1200. History, development, and analysis of short story.


3450 Northern European Mythology (3) (WI) (F-S,SS) (GE:HU) P: ENGL 1200. Major myths of Norse and Celtic people and their impact on English and American literature.

3460 Classical Mythology (3) (WI) (S) (GE:HU) Same as CLAS 3460 P: ENGL 1200. Major myths of ancient Greece and Rome and their impact on English and American literature.

3470 Modern Fantasy (3) (WI) (S-EY) (GE:HU) P: ENGL 1200; consent of instructor. History, development, types, and nature of fantasy during past century.

3480 Science Fiction (3) (WI) (F,S) (GE:HU) P: ENGL 1200. Development of genre from turn of century.

3570 American Folklore (3) (WI) (F,S,SS) (GE:HU) P: ENGL 1200. Types of American folklore with concentration on legends and tales.

3600 Classics from Homer to Dante (3) (WI) (F) (GE:HU) P: ENGL 1200. Classical and Medieval literature from Homer to Dante.

3610 Human Values in Literature (3) (WI) (F-EY) (GE:HU) P: ENGL 1200. Great works of literature that express enduring human values.

3630 The Bible as Literature (3) (WI) (S) (GE:HU) P: ENGL 1200. Various literary genres in the Bible.


3710 Advanced English Grammar (3) (S) May not count toward general education humanities requirement. P: ENGL 2710 or equivalent. Principles of modern linguistic theory presented and applied to contemporary American English. Utilizes transformational-generative grammar model. Emphasis on practical applications to English language and literature.

3720 Writing Systems of the World (3) (F) P: ENGL 1200. Writing systems and their relationship to language, literacy, and multicultural communication.

3730 The Structure of English: Phonology and Morphology (3) (F) Formerly ENGL 5501 May not count toward general education humanities requirement. P: ENGL 1200. Contemporary linguistic theory and its practical application to teaching phonological and morphological components of English language.

3740 The Structure of English: Syntax and Semantics (3) (S) Formerly ENGL 5502 May not count toward general education humanities requirement. P: ENGL 1200. Contemporary linguistic theory and its practical application to teaching syntactic and semantic components of English language.

3750 Introductory Linguistics (3) (S) P: ENGL 1200. Methods and techniques of linguistic analysis. Sample problems on phonological, morphological, syntactic, graphemic, and historic reconstruction levels. Emphasis on non-Indo-European languages.

3760 Linguistic Theory for Speech and Hearing Clinicians (3) (F,S) May not count toward general education humanities requirement. P: ENGL 1200. Linguistic theory for precise formalization of adult language systems on morphophonological, syntactic, and semantic levels. Emphasis on practical applications to clinical speech therapy.


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3820. Scientific Writing (3) (WI) (F,S,SS) May not count toward general education humanities requirement. P: ENGL 1200. Practice in assimilation and written presentation of scientific information.

3830. Introduction to Play Writing (3) (WI) (F) May not count toward general education humanities requirement. P: ENGL 1200. Fundamentals of play writing: finding a voice with a point of view, writing dialog, scene construction, characterization, and plot development.

3835. Persuasive Writing (3) (WI) (S) P: ENGL 1200. The study and practice of elements of persuasion in academic and public texts.

3840. Introduction to Poetry Writing (3) (WI) (F,S,SS) May not count toward general education humanities requirement. P: ENGL 1200. Practice in poetry writing.


3860. Introduction to Nonfiction Writing (3) (WI) (F,S) May not count toward general education humanities requirement. P: ENGL 1200. Techniques of writing, researching, and marketing nonfiction prose. Emphasis on writing skills.

3870. Introduction to Editing and Abstracting (3) (WI) (F,S) May not count toward general education humanities requirement. P: ENGL 1200. Administrative, manuscript, copy, and production editing of nonfiction books, periodicals, and corporate documents.

3880. Writing for Business and Industry (3) (WI) (F,S,SS) May not count toward general education humanities requirement. P: ENGL 1200. Composition with writing practice for students in business and industry.

3885. Writing and Publications Development/Process (3) (WI) (S) May not count toward general education humanities requirement. P: ENGL 1200; consent of instructor. Development and writing processes (planning, preparing, production) of professional communication documents, such as computer documentation instructions, employee manual, and policy and procedural manuals. Aspects of publication management (scheduling and budgeting).


3895. Topics in Technical and Professional Writing (3) (WI) (S) May not count toward general education humanities requirement. P: ENGL 1200; consent of instructor. Intensive study of special topic(s) in technical and professional communication announced by instructor before preregistration period.

4000. Introduction to Literary Theory (3) (F,SS) P: English major, minor, or concentration or consent of dept. Comparative study of current approaches to reading literature in various contexts, beginning with New Criticism. Covers approaches such as reader-response, psychoanalytic, poststructuralist, feminist, and postcolonial.


4020. Chaucer (3) (WI) (F-OY) (GE:HU) P: ENGL 1200. Selections from Chaucer's poetry.


4040. Literature of the New World to 1820 (3) (WI) (S-OY) (GE:HU) P: ENGL 1200. Various literatures of North America from writings about earliest explorations and encounters to those of early US: British, Spanish, French, Native American, and African American.


4170. Victorian Literature (3) (WI) (F-OY) (GE:HU) P: ENGL 1200. Major writers.


4230. North Carolina Literature (3) (WI) (S-OY) (GE:HU) P: ENGL 1200. Representative group of literary works examined from various critical perspectives.

4250. American Literature, 1865-1920 (3) (WI) (S) (GE:HU) P: ENGL 1200. Representative writers of period between the Civil War and World War I. Twain, Dickinson, James, Crane, Wharton, and Dreiser.

4300. Recent British and American Writers (3) (WI) (S) (GE:HU) P: ENGL 1200. Major works and trends in literature since World War II.

4340. Ethnic American Literature (3) (WI) (S-OY) (GE:HU) P: ENGL 1200. Examines multicultural literature, including African American, Native American, Jewish American, Hispanic American, and Asian American writers.


4510, 4520. Directed Readings (3,3) (F,S,SS) P: ENGL major with consent of dept chair; ENGL 1200. Based on needs and interests of individual student.

4530, 4540. Special Topics Seminars (3,3) (WI) (F,S) P: Consent of instructor; ENGL 1200. Topics announced by instructor at preregistration period.

4550, 4555. Senior Honors Seminar (3,3) (F,S) 2 3-hour units in succession, but no grade or credit is recorded until the completion of the second 3-hour unit. P: ENGL 1200. Tutorially directed readings in selected area and research writing.

4710. Teaching English as a Second Language: Theories and Principles (3) (F) Formerly ENGL 5503 May not count toward general education humanities requirement. P: ENGL 1200. Current theories and principles of teaching English to non-native speakers or speakers of nonstandard dialects.

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4730. Language and Society (3) (S) P: ENGL 1200. Exploration of language in relation to society.

4890. Practicum: Careers in Writing (3) (WI) (F,S,SS) May not count toward general education humanities requirement. Supervised internship. Minimum of 140 work and academic hours per semester. P: ENGL 1200; consent of instructor. Practical, professional writing in office or agency. Parallel readings and study.

4891. Practicum: Careers in Writing (3) (WI) (F,S,SS) May not count toward general education humanities requirement. Supervised internship. Minimum of 140 work and academic hours per semester. P: ENGL 1200; consent of instructor. Practical, professional writing in office or agency. Parallel readings and study.

4910. Survey of Film Styles and Movements (3) (WI) (GE:HU) P: 6 s.h. of literature or consent of instructor. World art and early history of films.

4920. Contemporary American and International Cinema (3) (WI) (GE:HU) P: 6 s.h. of literature or consent of instructor; RP: ENGL 4910. World art and recent history of films.


4980. Topics in Film Aesthetics (3) (F) May be repeated with change of topic for maximum 6 s. h. P: ENGL 2900 or permission of instructor. Selected topics may include works of individual directors, film and the other arts, and film movements. Topics vary depending on interest.

4985. Issues in Cinema and Culture (3) (S) May be repeated with change of topic for maximum 6 s. h. P: ENGL 2900 or permission of instructor. Selected topics may include the social and cultural contexts of film, and studies in national cinemas. Topics vary depending on interest.

5060. History of Literary Criticism (3) Major texts of literary criticism from Plato through Pater.

5070. Twentieth-Century Literary Criticism (3) Major critical approaches of twentieth century.


5160. English Drama to 1642 (3) Types and developments of English drama from beginnings in Middle Ages until 1642.

5165. English Drama: Dryden to Sheridan (3) Types and developments of English drama from Restoration to Romantic period.

5170. Modern Drama (3) Drama from Ibsen to present. Focus on British and American playwrights.

5230. Southern Regional Literature (3) Southern writing representing attitudes of region. Confined to literary genres.

5250. The American Novel, 1800 to 1920 (3) Development of American novel. Emphasis on Brown, Cooper, Hawthorne, Melville, Twain, Howells, James, Crane, and Cather.

5260. The Novel Since 1945 (3) Contemporary novel in English. Emphasis on American and British works.


5280. Twentieth-Century Poetry (3) Variety of voices that comprise poetry written in English.

5330. Studies in Women's Literature (3) May be repeated for credit by graduate students. Writings of women within the context of feminist scholarship and criticism. Focus on genre within a literary period or a specific national/international context.

5350. Special Studies in Film (3) May be repeated for credit by graduate students. Aspects of world film literature. Topics to be announced by instructor.

5360. Studies in African-American Literature (3) May be repeated for credit by graduate students. Critical methodologies relating to development of African-American literature. Focus on genre or historical context.

5500. Linguistic and Cultural History of the English Language (3) May not count toward general education humanities requirement. Cultural emergence and linguistic development.

5770. Advanced Editing (3) May not count toward general education humanities requirement. P: ENGL 3870 or consent of instructor. Advanced study of and practice in various editorial functions as applied to non-fiction books, periodicals, and corporate documents.

5780. Advanced Writing for Business and Industry (3) May not count toward general education humanities requirement. P: ENGL 3880 or consent of instructor. Advanced composition with extensive writing practice.

5840. Advanced Poetry Writing (3) Graduate students may repeat for a maximum of 9 s.h. May not count toward general education humanities requirement. P: ENGL 3840 or consent of instructor. Advanced poetry-writing practice.

5850. Advanced Fiction Writing (3) Graduate students may repeat for a maximum of 9 s.h. May not count toward general education humanities requirement. P: ENGL 3850 or consent of instructor. Practice in prose fiction writing. Emphasis on publication.

5860. Advanced Non-Fiction Writing (3) Graduate students may repeat for a maximum of 9 s.h. May not count toward general education humanities requirement. P: ENGL 3860 or consent of instructor. Practice in non-fiction prose writing. Emphasis on publication.

5890. Advanced Script Writing (3) P: ENGL 3830; consent of instructor. Completion of one-act play or major portion of full-length play or screenplay.

ENGL Banked Courses

2750. Grammar and Linguistics for Elementary

5140. The English Novel from Scott through Education (3) Hardy (3)

2800. Critical Reading (3) 5190. The Aesthetic Movement (3)

3490. Satire (3) 5270. Contemporary Poetry (3)

3620. Oriental Literature (3) 5390. Advanced Studies in Science Fiction

3800. Computing for the Humanities (3) and Fantasy (3)
5120. English Drama (3) 5410. Pre-Shakespearean Drama (3)
5130. The English Novel through Jane Austen (3) 5460. Early Twentieth-Century Poetry (3)
5740. Modern Prose Literature (3)

CDFR

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BS In Birth-Kindergarten Teacher Education

Freshmen may declare Birth through Kindergarten (BK) Teacher Education as their major. Prior to enrolling in selected courses, all students must be admitted to the upper division of teacher education. To be admitted to the upper division, students must post satisfactory scores on PRAXIS I examinations, have a minimum cumulative 2.5 GPA, and meet technology competency requirements. Transfer students must have completed at least 12 s.h. at East Carolina University with a minimum cumulative grade point average (GPA) of 2.5 to declare. Prior to enrolling in selected courses, all BK majors must be admitted to the Upper Division of Teacher Education. Requirements for admission to upper division include, but are not limited to, satisfactory scores on all parts of PRAXIS I, a minimum cumulative GPA of 2.5, and demonstration of computer competency. In addition, BK majors must achieve a minimum grade of “C” in all CDFR courses required for the major. A semester-long internship is the culminating experience for BK Teacher Education majors. Applications for admission to internship (CDFR 4324, 4325) must be submitted to the internship coordinator one year prior to the semester in which the student will complete internship requirements. For admission to internship, BK majors must have a minimum grade of “C” in the early experience course (CDFR 2123), all methods courses (CDFR 4321, 4322, 4323), and EDUC 3200. Students must earn a minimum grade of “C” in internship (CDFR 4324, 4325) to be recommended for licensure. Additional information about upper division, internship, and NC teacher licensure requirements can be found in the College of Education section of this catalog and in the handbook, Welcome to Teacher Education. Students must also be certified in Community First Aid & Safety and Community CPR by the American Red Cross.

The Birth through Kindergarten (BK) Teacher Education program is also offered online. To be admitted to the BS in BK Distance Education (DE) program, individuals must first be admitted to ECU and complete a separate application for admission to the BS BK DE program. Criteria for admission to the BS in BK online program include completion of all general education requirements and passing scores on all parts of PRAXIS I. The BS BK major consists of 72 s.h. of courses that includes practicum experiences and a semester-long internship. Students who successfully complete all requirements and have a minimum cumulative GPA of 2.5 are recommended for BK licensure. Cohorts for the BS in BK online program begin first summer session each year. Additional information about the proposed schedule for offering courses online can be found at http://www.ecu.edu/che/cdfr/bkde.htm. The BS in BK teacher education program requires on-campus attendance for orientation, admission to upper division interviews, and senior-year internship seminars.

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

1. General education requirements (See Section 6, Undergraduate Studies, Requirements for Baccalaureate Degree Programs), including those listed below 42 s.h.
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 2127. Basic Concepts of Mathematics (3)
   (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   MUSC 3018. Introduction to Basic Music Skills for Elementary School Teachers (3)
   (F,S,SS) (GE:FA)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   Choose a history course (GE:SO)
   Choose a literature course (except Children's Literature) (GE:HU)
   Choose a speech course (GE:FA)
2. Professional Studies 33 s.h.
   CDFR 2000. Child Development I: Prenatal Through Early Childhood (3) (F,S,SS)
   CDFR 2123. Early Experience in Birth through Kindergarten Education (1) (F,S)
   CDFR 4320. Practicum in Teaching Birth-Kindergarten in the Public Schools (1) (F,S)
   (P: admission to upper division)
   CDFR 4323. Kindergarten Curriculum (3) (S) (P: CDFR 2000, 3150, Admission to upper division)
   CDFR 4324. Internship in Birth Through Kindergarten Education (10) (F,S) (P:
Admission to upper division; CDFR 4200, 4406; professional studies courses; C: CDFR 4235
CDFR 4325. Internship Seminar: Issues in Birth Through Kindergarten Education (2)
(F,S) (P: Admission to upper division; C: CDFR 4324)
EDUC 3200. Introduction to American Education (3) (WI* (F,S,SS) (P: Early experience
course or consent of instructor)
EDUC 4400. Introduction to School Learning, Motivation, and Assessment (3) (F,S) (P:
Admission to upper division)
EDTC 4001. Technology in Education (2) (F,S,SS) (P: Admission to upper division)
ELEM 3249. Literacy Development in Early Childhood (3) (F,S) (P: Admission to upper division)
SPED 2000. Introduction to Exceptional Children (2) (F,S,SS)

3. Core Specialty Area Studies ......................................................... 29 s.h.
CDFR 1103. Marriage and Family Relations (3) (F,S,SS)
CDFR 2124. Interaction Techniques for Working with Young Children (2) (F,S)
(P: CDFR Major; C: CDFR 2123)
CDFR 3150. Introduction to Early Childhood Intervention (3) (F,S) (P: CDFR 1103, 2000)
CDFR 4306 3306. Guiding Children’s Behavior Directing Behavior and Development of
Children (3) (WI) (F,S,SS) (P: CDFR 2000)
CDFR 4200. Developmental and Educational Assessment of Young Children (3) (WI)
(F,S) (P: CDFR 2000 3150)
CDFR 3321 4321. Infant and Toddler Curriculum (3) (F) (P: CDFR 2000 3150)
CDFR 4322. Preschool Methods and Materials (3) (F,S) (P: CDFR 2000 3150)
CDFR 4406. Parent-Professional Collaboration. (3) (F,S) (P: CDFR 4200)
CDFR 4408. Administration of Programs for Young Children. (3) (S, F) (P: CDFR 4322)
3 s.h. adviser approved electives

4. Cognates .................................................................................. 10 s.h.
ELEM 3275. Early Childhood and Elementary School Curriculum (3) (F,S,SS) or CDFR 4303. Families and Cultural
Diversity (3) (F,S) (P: CDFR 1103)
SPED 3005. Instructional Programming in Special Education (3) (F,S,SS)
SPED 3510. Methods in Early Childhood Special Education (3) (F,S) (P: Admission to upper division; SPED 3005; C: SPED 3511)
SPED 3511. Practicum in Early Childhood Special Education (1) (F,S) (C: SPED 3510)
3 Adviser approved electives to complete requirements for graduation.

BS in Family and Consumer Sciences Education

Freshmen may declare Family and Consumer Sciences (FACS) Teacher Education as their major. Transfer students must have completed at least 12 s.h. at East Carolina University with a minimum cumulative grade point average (GPA) of 2.5 to declare. Prior to enrolling in selected courses, all FACS students must be admitted to the Upper Division of Teacher Education. Requirements for admission. To be admitted to upper division include, but are not limited to, students must pass satisfactory scores on PRAXIS I examinations, have a minimum cumulative GPA of 2.5, and meet technology demonstration of computer competency requirements. Transfer students must have completed at least 12 s.h. at East Carolina University. In addition, family and consumer sciences FACS majors must achieve a minimum grade of “C” in all CDFR and FACS courses required for the major. Applications for admission to internship must be submitted to the internship coordinator one year prior to the semester in which the student will complete internship requirements. For admission to internship, family and consumer sciences majors must have a minimum grade of “C” in the early experience (FACS 2123), methods course (FACS 4323, FACS 4317), and EDUC 3200. Students must also be certified in Community First Aid & Safety and Community CPR by the American Red Cross. A minimum grade of “C” in internship (FACS 4324) is required for licensure. Additional information about upper division, internship, and licensure can be found in the College of Education section of this catalog and in the handbook, Welcome to Teacher Education. Students must also be certified in Community First Aid & Safety and Community CPR by the American Red Cross. Minimum degree requirements is 126 s.h. of credit as follows:

1. General education and special requirements for certification (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.
   ART 1011. Color and Design (3) (F,S,SS) (GE:FA)
   COMM 2101. Public Speaking (3) (F,S,SS) (GE:FA)
   ECON 2113. Principles of Microeconomics (3) (F,S,SS) (GE:SO) or SOCI 2110. Introduction to Sociology (3) (F,S,SS)
   (GE:SO)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 2127.
   Basic Concepts of Mathematics (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3206. Developmental Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 100 or 1060)
   Choose a history course (GE:SO)
   Choose a literature course (GE:HU)

2. Professional studies ................................................................. 34.33 s.h.
   EDTC 4001. Technology in Education (2) (F,S) (P: Admission to upper division)
   EDUC 3200. Introduction to American Education (3) (WI) (F,S,SS) (P: Early experience course or consent of instructor)
EDUC 4400. Foundations of School Learning, Motivation, and Assessment (3) (F,S) (P: Admission to upper division)
FACS 2123. Early Experiences for the Prospective Teacher in Family and Consumer Sciences (1) (F)
FACS 4317. Curriculum Development (3) (F) (P: FACS 2123)
FACS 4323. Methods of Teaching Family and Consumer Sciences (3) (F) (P: Declared major and admission to upper division)
FACS 4324. Internship in Family and Consumer Sciences Education (10) (S) (P: Admission to upper division; FACS 4323; C: FACS 4325)
FACS 4325. Internship Seminar: Issues in Family and Consumer Sciences Education (2) (S) (P: Admission to upper division; FACS 4323; C: FACS 4324)
READ 3950. Teaching Reading in the Content Areas in the Secondary School (2) (F,S,SS)
SPED 2000. Introduction to Exceptional Children (2) (F,S, SS)
SPED 4010. Exceptional Students in the Regular Classroom (2) (F,S) (P: SPED 2000)
Choose 3 s.h. electives in consultation with major area advisor.

3. Core.................................................................................................................. 4137 s.h.
IDMR 1180. Interior Design Fundamentals (3) (F,S)
IDMR 1180. Interior Design Fundamentals (3) (F,S)

4. Specialty Courses ............................................................. 4 s.h.
FACS 4410. Professional Seminar (1) (F,S) (P: Junior standing; consent of instructor)
FACS 4411. Professional Internship (3) (F,S) (P: FACS 4410 or consent of instructor)

5. Electives to complete requirements for graduation.

BS in Family and Community Services

Freshman may declare family and community as their major. Students must attain a minimum cumulative 2.25 GPA to be admitted to family and community services. Transfer students must have completed at least 12 s.h. at East Carolina University and a minimum of 2.25 to declare.
Retention as a major requires maintaining a minimum cumulative 2.25 GPA. A family and community services major who has a cumulative GPA of less than 2.25 for two consecutive semesters will not be allowed to continue in the program. In addition, students must achieve a minimum grade of C in all CDFR courses required for the major. (Note: Students who meet course requirements for the certification in family life education must make application to the National Council on Family Relations. The Department of Child Development and Family Relations will verify completion of degree requirements, but meeting other requirements for certification is the responsibility of each student.) Minimum degree requirement is 128 s.h. of credit as follows:

1. General education requirements (See Section 6, Undergraduate Studies, Requirements for Baccalaureate Degree Programs), including those listed below ....................... 42 s.h.
COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communications (3) (F,S,SS) (GE:FA)
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)

2. Core ............................................................................................................... 51 s.h.
CDFR 1103. Marriage and Family Relations (3) (F,S,SS)
CDFR 2000. Child Development I: Prenatal Through Early Childhood (3) (F,S,SS) or CDFR 2001. Child Development I: Middle Childhood Through Young Adulthood (3) (F,S,SS)
CDFR 2280. Introduction to Child, Family, and Community Services (3) (F,S) (P: CDFR 1103)
CDFR 2290. Theory and Practice in Family and Community Services (3) (F,S) (P: CDFR major; CDFR 2280)
CDFR 2400. Introduction to Gerontology (3) (F,S,SS)
CDFR 3002. Child in the Family (3) (F,S,SS)

4306 3300. Directing Behavior and Development of Children, Guiding Children's Behavior (3) (F,S,SS) or CDFR 4406. Parent-Professional Collaboration (3) (WI) (F,S) (P: CDFR 1103, 4290)
CDFR 4001. Community Service Internship (8) (WI) (F,S) (P: Senior standing; CDFR major; CDFR 4366; C: 4410)
CDFR 4303. Families and Cultural Diversity (3) (F,S) (P: CDFR 1103)
CDFR 4313. Trends and Issues in Family Studies (3) (F,S,SS) (P: CDFR 1103)
CDFR 4366. Family Life Education (3) (F) (P: junior or senior standing; CDFR major CDFR 2290)
CDFR 4410. Professional Seminar (1) (WI) (F,S) (P: Senior standing; CDFR major; CDFR 4366: C: CDFR 4001)
NUHM 1000. Contemporary Nutrition (3) (F,S,SS)
Choose 9 s.h. CDFR electives

3. Cognates
   
   ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200)
   Choose a 3 s.h. adviser-approved computer course

4. Minor or approved concentration

5. Electives to complete requirements for graduation.

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BS IN CHILD LIFE

Child Life Admission and Progression Standards

- Freshmen and transfer students may declare child life as a major. Admission is competitive and limited. Other ECU Students must have 2.5 GPA in order to change from another major to Child Life. Child life majors who have completed 45 s.h. must maintain a 2.5 GPA. A Child Life Major who has a GPA of less than 2.5 for two consecutive semesters will not be allowed to continue in the program. Students must have a 2.5 GPA to enroll in the child life internship and to graduate as a child life major. (Note: Completion of a BS degree with a major in child life does not include certification as a child life specialist. The Child Life Certifying Committee of the Child Life Council administers the certification examination. The Department of Child Development and Family Relations will verify completion of degree requirements, but meeting other requirements for certification is the responsibility of each candidate.) Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (See Section 6, Undergraduate Studies, Requirements for Baccalaureate Degree Programs.), including those listed below..................42 s.h.
   
   BIOL 2130 Survey of Human Physiology and Anatomy (4) (F, S, SS) (GE:SC)  4 s.h.  (P: BIOL 1050, 1051; or 1100,1101)
   MUSC 3018. Introduction to Basic Music Skills for Elementary School Teachers (3) (F,S,SS)
   (GE:FA)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)
   SPCH 2510. Public Speaking (3) (F,S,SS) (GE:FA) or SPCH 2520. Business and Professional Communication (3) (F,S,SS)
   (GE:FA)

2. Core .............................................................................................................. 55 s.h.
   
   CDFR 1103. Marriage and Family Relations (3) (F,S,SS)
   CDFR 2000. Child Development I: Prenatal Through Early Childhood (3) (F,S,SS)
   CDFR 2001. Child Development II: Middle Childhood Through Young Adulthood (3)
   (F,S,SS)
   CDFR 2021. Introduction to Child Life (1) (S: P: Intended Child Life Major)
   CDFR 3002. Child in the Family (3) (F,S,SS)
   CDFR 3150. Risk and Resiliency in Child Development (3) (F,S) (P: CDFR 2000 or 2001)
   CDFR 3413. The Hospitalized Child (3) (WI) (F: P: Child Life Major, CDFR 2000, 2001,
   2021; or consent of instructor)
   CDFR 3200 4200. Development Assessment and Intervention with Young Children (3) (WI)
   (S: P: CDFR 2000, 3150)
   CDFR 4210. Child Life Practicum (3) (F,S,SS) (P: Child Life Major; CDFR 3413)
   CDFR 4303. Families and Cultural Diversity (3) (F,S) (P: CDFR 1103)
   CDFR 4321. Infant and Toddler Curriculum (3) (F: P: CDFR 3150 2000) or CDFR 4322.
   Preschool Methods and Materials (3) (S: P: CDFR 3150 2000)
   CDFR 4415. Child Life Internship (12) (F,S,SS) (P: CDFR 4412, 4996, 4997)
   CDFR 4996, 4997. Child-Family Internship and Laboratory (3,0) (F,S,SS) (P: CDFR 1103,
   302; consent of instructor)
   NUHM 1000. Contemporary Nutrition (3) (F,S,SS)
   6 s.h. adviser-approved electives

3. Cognates
   
   HIMA 3000. Introduction to Medical Terminology (2) (F,S,SS)
   PSYC 2201. Psychology of Childhood (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060 or
   equivalent) or PSYC 3240. Psychology of Adolescence (3) (F,S,SS) (GE:SO)
   Choose a 3 s.h. adviser-approved computer course

4. Restricted electives (Choose from the following)........................................... 9 s.h.
   
   ANTH 3252. Medical Anthropology (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor) or SOCI
   3327. Introductory Medical Sociology (3) (GE:SO) (P: SOCI 2110 or consent of instructor)
   ART 3850. Art in the Elementary School (3) (F,S,SS) (P: Junior standing)
ASLS 2020. Sign Language Studies I (3) (F,S,SS)
CSDI 2100. Introduction to Communication Disorders (3) (F,S,SS)
CSDI 3020. Language Development (3) (F)
ENGL 4950. Literature for Children (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)
HLTH 2125, 2126. Safety Education and First Aid (3,0) (F,S,SS)
LIBS 3200. The Art of Storytelling (3) (S)
MUSC 3028. Music Education in Elementary Grades (2) (F,S,SS) (P: MUSC 3018)
MUSC 3048. Music for Exceptional Children (2) (F,S,SS)
MUSC 3058. Music for the Preschool Child (2) (SS) (P: MUSC 3018 or consent of instructor)
MUSC 4277. Music for Group Activities (2) (F) (C: MUSC 4287)
MUSC 4287. Music for Group Activities Practicum (1) (F) (C: MUSC 4277)
PSYC 5380. Psychology of the Exceptional Child (3) (F,S) (P: PSYC 1000 or 1060)
RCLS 2000. Introduction to Leisure Services (3) (F,S)
RCLS 3230. Foundations of Therapeutic Recreation (3) (F,S) (P: Declared RCLS therapeutic recreation major or minor; BIOL 2130, 2131; RCLS 2000; C: RCLS 3232)
RCLS 3232. Disability Survey for Therapeutic Recreation Services (3) (F,S) (P: Declared RCLS therapeutic recreation major or minor; BIOL 2130, 2131; RCLS 2000; C: RCLS 3230)
SOCL 5318. Social Aspects of Death and Dying (3) (P: SOCI 2110 or graduate standing or consent of instructor)
SPED 2000. Introduction to Exceptional Children (2) (F,S,SS)
SPED 2102. Introduction to Mental Retardation (3) (F,S,SS)

5. Electives to complete requirements for graduation.

**Insert on pp. 312 – 314 of 2004 – 2005 catalog**

- 1103. Marriage and Family Relation (3) (F,S,SS) Functional relationships in which individuals love, grow, and share through communication, sexuality, and other human interrelationships.

2000. Child Development I: Prenatal Through Early Childhood (3) (F,S,SS) Behavior and development of children from conception to eight years of age.

2001. Child Development II: Middle Childhood Through Young Adulthood (3) (F,S,SS) Behavior and development of children between the ages of eight and twenty-one years.


2123. Early Experience in Birth through Kindergarten Education (1) (F,S) For prospective teachers. Minimum of 16 hours of directed observation and planned participation in preschool settings and 12 hours of seminar. Introduction to birth through kindergarten teaching.


2280. Introduction to Child, Family, and Community Services (3) (F,S) May not count toward CDFR minor P: CDFR 1103. Children and families from an ecological systems perspective. Emphasis given to both informal and formal sources of support.

2290. Theory and Practice in Family and Community Services (3) (F,S) P: CDFR major; CDFR 2280. Theories and applications of working within family and community organizations.

2400. Introduction to Gerontology (3) (F,S,SS) (GE:SO) Same as GERO 2400; SOCW 2400 May count toward general education social sciences requirement and SOCI major or minor. Current theory and research in gerontology from interdisciplinary perspective.


3215. The Family As Consumers (3) (S) P: CDFR 1103. Comprehensive study of family financial resources and their management with application for consumer decision-making skills and advocacy.

4306. Guiding Children’s Behavior (3) (F,S,SS) P: CDFR 2000. Functions and responsibilities of teachers and parents in guiding children. Review of research concerning...
practices and methods for directing and modifying behavior and development. Roles and responsibilities of parents and teachers in guiding children's behavior. Review of theory and research addressing appropriate practices and methods of modifying children's behavior.


4001. Community Services Internship (8) (WI) (F,S) Minimum of 310 hours to include labs and classroom work. P: Senior standing; CDFR major; CDFR 4366. Observation and participation with a community agency.

4200. Developmental and Educational Assessment of Young Children (3) (WI) (S) Formerly CDFR 3200 Requires practicum experience. P: CDFR 3150. Issues and applications in early intervention and education of children birth through kindergarten, including formal and informal assessment methods and instruments.

4210. Child Life Practicum (3) (F,S,SS) 1 conference and 8 participation hours per week. P: CDFR Child Life major; CDFR 3413. Practical experiences in child life programming and care for children with medical or other special needs.

4303. Families and Cultural Diversity (3) (F,S) P: CDFR 1103. Comprehensive study of family diversity that occurs because of different cultural environments. Racial, ethnic, and economic differences explored with emphasis on developing an understanding and appreciation for families with differing values and beliefs.

4313. Trends and Issues in Family Studies (3) (F,S,SS) P: CDFR 1103. Review of selected topics related to marriage and family relationships. Contemporary trends and issues that impact on marriage and families.

4320. Practicum in Teaching Birth-Kindergarten in the Public Schools (1) (F,S) To be taken simultaneously with Senior 1 internship. P: Admission to upper division. Reflective study of professional issues in early childhood education and topics arising from internship experience.

3321, 4321. Infant and Toddler Curriculum (3) (S) Formerly CDFR 4321 Requires practicum experience. P: CDFR 3150. Application of principles of child development in designing appropriate environments and curricula for children from birth to three years.

4322. Preschool Methods and Materials (3) (F,S) Practicum experience required. P: CDFR 3150. Application of principles of child development and preschool education in designing appropriate learning environments and curricula for children ages three to five years.

4323. Kindergarten Curriculum (3) (F) Same as ELEM 4323 Requires practicum experience. P: Admission to upper division; CDFR 3150. Application of principles of child development and early childhood education in designing appropriate environments and curricula for kindergarten children.

4324. Internship in Birth Through Kindergarten Education (10) (F,S) Full-time, semester-long internship. P: Admission to upper division; CDFR 3200, 4290, 4406; professional studies courses; C: CDFR 4325. Observation and supervised teaching in an assigned public school program or other approved school/center serving children birth through kindergarten.

4325. Internship Seminar: Issues in Birth-Kindergarten Education (2) (F,S) P: Admission to upper division; C: CDFR 4324. Individualized study of problems and/or issues in birth through kindergarten education.

4366. Family Life Education (3) (F,S) P: Junior or senior standing; CDFR major, CDFR 2290. Introduction and critical analysis of family life education. Nature, history, intellectual and philosophical foundations, delivery, and evaluation of methods, materials, resources, and group processes.

4390. Family Resource Management (3) (S) P: CDFR major. Identification and management of family resources. Impact of decision making on families' quality of life. Effect of resource generation and allocation on family relationships and well-being at different stages of family life.


4408. Administration of Programs for Young Children (3) (F) P: CDFR 4322. Planning, organization, and administering programs for young children ages birth through 5 years.

4410. Professional Seminar (1) (WI) (F) P: Senior standing; CDFR major; CDFR 4366. Development of professional practices. Topics vary.
4411. Professional Internship (3) (F,S) C: CDFR 4410. Minimum of 125 hours of directed work experience involving application of family life education. Topics will vary.

4415. Child Life Internship (12) (F,S,SS) 480 total hours. P: CDFR 3413, 4210, 4996, 4997. Specialized child life experience with children and families in a healthcare setting, under the supervision of a certified child life specialist.

4500. Independent Study (3) (F,S,SS) May be repeated for credit with change of topic up to 9 s.h. Current issues and problems related to children and families.

4521. Directed Readings (1) (F,S,SS) May be repeated for credit with change of topic up to 4 s.h. Independent study of current topics in child development and family relations.

4996, 4997. Child-Family Internship and Laboratory (3,0) (F,S) 1 conference and 8 labs hours per week. P: CDFR 1103, 2000, 3002; consent of instructor. Supervised practicum experience in a program serving children and/or families. Variable titles and content.


5300. Families, Sexuality, and Gender Roles (3) P: CDFR 1103 or consent of instructor. Biological, cognitive, social, emotional, and cultural influences on human sexuality and gender roles within the context of relationships and families.

5309. Infancy Intervention (3) 2 lecture and 2 lab hours per week. P: CDFR major; CDFR 2000; or consent of instructor. Infant and toddler screening techniques for disabilities. Sequential selection and effective use of play materials. Community resources available for working with parents.

5403. Parent Education (3) P: Senior standing; CDFR 1103; 2000 or 2001; 3002, 4306. Strategies, skills, and resources that can assist parents and professionals who work directly with them.

5408. Administration of Programs for Young Children (3) Planning, organizing, and administering programs for young children.

5411. Counseling Elders and Their Families (3) P: GER0 2400 or consent of instructor. Interventions for age-related problem behaviors in social and family systems of elderly.

5412. Family Crises and Resources (3) Individual and family reactions to crises and special problems encountered in family living. Reviews individual and community resources pertinent to such problems.

5420. Family Intervention Models (3) P: CDFR major or admission to CDFR graduate program or consent of instructor. Selected family intervention and skill development models with opportunity for indepth study of individual theoretical approach.

5901, 5902, 5903. Readings in Aging Studies (1,2, or 3) Same as GER0 5901, 5902, 5903; SOCW 5901, 5902, 5903 May count maximum of 3 s.h. toward the 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.

5992, 5993. Advanced Preschool Internship (3,0) 1 conference and 8 lab hours per week. P for undergraduate students: Consent of instructor; P for graduate students: CDFR 4306, 4322; or consent of instructor. Advanced internship experiences with preschool children and their parents.

CDFR Banked Courses
3100. Resource Management for the Elderly (3)
5392. Economic Problems (3)
3210, 3211. Preschool Education (3,0)
5400. Seminar in Aging Studies (3)
4411. Professional Internship (3)
5410. Gerontology: Developing the Living Environment (3)
4998, 4999. Preschool Practicum (9,0)
5336. Methods of Teaching Personal and Family Living (3)

ART #1
Insert on p. 94 of 2004 – 2005 catalog

constituent departments. A major option is available through the BA/BS in Multidisciplinary Studies. See the director for information.

1. Core ............... 15 s.h.*
   Choose 3 s.h. from:
   HIST 3405. History of Ancient Greece to 146 BC (3) (GE:SO)
   HIST 3410. History of Ancient Rome (3) (F) (GE:SO)
   Choose 6 s.h. of the same language from:
   GRK 1001. Ancient Greek Level I (3) (F)
   GRK 1002. Ancient Greek Level II (3) (S) (P: GRK 1001 or consent of instructor)
   LATN 1001. Latin Level I (3) (F)
   LATN 1002. Latin Level II (3) (S) (P: LATN 1001 or consent of instructor)
   Choose an additional 6 s.h. of courses listed above, or from the following:
   CLAS 2000. Introduction to Classics (Humanities) (3) (GE:HU) or CLAS 2001. Introduction to Classics (Social Sciences) (3) (GE:SO) or CLAS 2002. Introduction to Classics (Fine Arts) (3) (GE:FA)
   CLAS 2220. Great Works of Ancient Literature I: Greece (3) (GE:HU)
   CLAS 2230. Great Works of Ancient Literature II: Rome (3) (GE:HU)
   CLAS 2500. Greek Tragedy in Translation (3) (GE:HU)
   CLAS 4000. Seminar in Classics (3)
   GRK 1003. Ancient Greek Level III (3) (P: GRK 1002 or consent of instructor)
   GRK 1004. Ancient Greek Level IV (3) (P: GRK 1003 or consent of instructor)
   GRK 3001. Homer and Hesiod (3) (GE:HU) (P: GRK 1004 or consent of instructor)
   GRK 3002. Age of Herodotus (3) (GE:HU) (P: GRK 3001 or consent of instructor)
   GRK 4521, 4522, 4523. Directed Readings in Greek (1,2,3) (P: Consent of instructor)
   LATN 1003. Latin Level III (3) (P: LATN 1002 or consent of instructor)
   LATN 1004. Latin Level IV (3) (P: LATN 1003 or consent of instructor)
   LATN 3001. Age of Cicero (3) (GE:HU) (P: LATN 1004 or consent of instructor)
   LATN 3002. Age of Augustus (3) (GE:HU) (P: LATN 3001 or consent of instructor)
   LATN 4001. Silver Latin Literature (3) (GE:HU) (P: LATN 3002 or consent of instructor)
   LATN 4002. Roman Drama (3) (GE:HU) (P: LATN 4001 or consent of instructor)
   LATN 4521, 4522, 4523. Directed Readings in Latin (1,2,3) (P: Consent of instructor)
   PHIL 1311. Great Philosophers from Antiquity to the Present (3) (GE:HU)
   PHIL 2310. Ancient Philosophy (3) (GE:HU)
   PHIL 2320. Medieval and Renaissance Philosophy (3) (GE:HU)

2. Electives ............ 9 s.h.*
Choose an additional 9 s.h. of courses listed above, or from the following:
   ART 1906. Art History Survey (3) (F,S) (GE:FA)
   ART 2905. Masterpieces and Ideas in the History of Art (3) (GE:FA)
   ART 2910. Ancient Art History (3) (W)* (F,S) (P: ART 1906, 1907)
   ART 2920. Art of the Middle Ages (3) (P: ART 1906, 1907)
   CLAS 1300. Greek and Latin for Vocabulary Building (3) (F,S) (GE:HU)
   CLAS 2400. Women in Classical Antiquity (3) (GE:HU)
   CLAS 3400. The Ancient City: Rome (3) (F,S) (GE:HU)
   CLAS 3410. The Ancient City: Pompeii (3) (GE:HU)
   CLAS 3460. Classical Mythology (3) (GE:HU)
   CLAS 4521, 4522, 4523. Directed Readings in Latin (1,2,3) (GE:HU) (P: Consent of instructor)
   ENGL 3460. Classical Mythology (3) (S) (GE:HU)
   ENGL 3600. Classics Homer to Dante (3) (GE:HU)
   HIST 3406. War and Society in Ancient Greece and Rome (3) (F) (GE:SO)
   HIST 3412. A History of Christianity to 1300 (3) (GE:SO)
   HIST 3415. The Middle Ages (3) (F) (GE:SO)
   HIST 5340. The Ancient Near East (3)

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having the prior approval of the director will be accepted for a maximum 6 s.h. of credit toward the minor. Additional courses beyond those listed below will be accepted if they significantly further the student’s understanding of religion; prior approval by the director
required for additional courses. Departmental prerequisites may be waived in special cases by the department offering the course.

1. Core .................. 6 s.h.
   RELI 4500. Selected Topics in Religion (3) (F: Consent of instructor or RELI program director)
   RELI 5000. Religious Studies Seminar (3) (P: Consent of instructor or RELI program director)

2. Electives ............ 18 s.h.
   Choose a minimum of 9 s.h. from core religion electives and the remaining electives from either list of electives.
   Core Religion Electives: (Minimum of 9 s.h.)
   ANTH 3009/RELI 3000/OST 3000. Motherhood of God in Asian Traditions (3) (EY) (GE:SO)
   ANTH 4054. Anthropology of Religion (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
   ENGL 3630. The Bible as Literature (3) (WI) (S) (GE:HU) (P: ENGL 1200)
   ENGL 3640. Literature and Religion (3) (WI) (F-OY) (GE:HU)
   HIST 3412. A History of Christianity to 1300 (3) (GE:SO)
   HIST 3627. History of Japanese Buddhism (3)
   HIST 5360. The Reformation, 1450-1598 (3)
   PHIL 1290. Introduction to Philosophy of Religion (3) (F,S) (GE:HU)
   PHIL 1695. Introduction to the Old Testament (3) (F) (GE:HU)
   PHIL 1696. Introduction to the New Testament (3) (S) (GE:HU)
   PHIL 2690. World Religions (3) (F,S) (GE:HU)
   PHIL 2691. Classical Islam (3)
   PHIL 2692. Buddhism (3)
   PHIL 3290. Philosophy of Religion (3) (S) (GE:HU) (P: 3 s.h. in PHIL or consent of instructor)
   PHIL 3690. Women and Religion (3) (GE:HU)
   PHIL 3691. Islam in the Modern World (3) (WI) (P: PHIL 2690 or PHIL 2691 or consent of instructor)
   PHIL 3692. Tibetan Religion and Culture (3) (WI) (P: PHIL 2690 or PHIL 2692 or consent of instructor)

Electives list of the Religious Studies Program
   PHIL 4699. Topics in Religion (3) (WI)
   PSYC 3314. Psychology of Religion (3) (S) (P: PSYC 1000 or 1060)
   RELI 2000. Introduction to Religious Studies (3) (GE:HU)
   RELI 2500. Study Abroad (6) (SS) (GE:HU) (P: Consent of instructor or RELI program director)
   RELI 3930. Directed Readings in Religious Studies (3) (Consent of director)
   SOCI 4341. Sociology of Religion (3) (GE:SO) (P: SOCI 2110)

General Religion Electives:
   ANTH 2010. Societies Around the World (3) (F,S,SS) (GE:SO)
   ANTH 3002. Cultures of East Asia (3) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
   ANTH 3003. Cultures of Africa (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
   ANTH 3004. Cultures of the South Pacific (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
   ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
   ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
   ART 2905. Masterpieces and Ideas in the History of Art in the Visual Arts and Literature (3) (GE:FA) (P: Non-art major)

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   HIST 5122. Social and Cultural History of the United States Since 1865 (3)
   HIST 5930, 5931. Field and Laboratory Studies in Museum and Historic Site Development (3,0)
   HIST 5960. Introduction to Oral History (3)
   HIST 5970. Living History (3)

5. Internship (Choose from the following.) ................................................................. 3 s.h.
   HIST 4940, 4941, 4942. Internship in Archives and Historical Records Administration (3,6,9) (F,S) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
   HIST 4943, 4944, 4945. Internship in Museum Administration (3,6,9) (F,S) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
   HIST 4946, 4947, 4948. Internship in Historic Site Administration (3,6,9) (F,S) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)

6. Cognates (Choose from the following.) ........................................................................ 9 s.h.
   AMID 2700. Historic Interiors I: 3000 BC Through Mid-Nineteenth Century (3) (WI) (S)
   AMID 2750. Historic Interiors II: Late Nineteenth and Twentieth Centuries (3) (WI) (F)
   ANTH 2000. Archaeology Around the World (3) (F,S) (GE:SO)
   ANTH 3077. Archaeological Methods (3) (S) (P: ANTH 2000 or consent of instructor)
ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
ART 2905. Masterpieces and Ideas in the History of Art in the Visual Arts and Literature (3) (GE:FA)
ART 5900. Art of the United States (3) (P: ART 1906, 1907)
ENGL 3870. Introduction to Editing and Abstracting (3) (F,S) (P: ENGL 1200)
PLAN 3000. Urban Planning (3) (F,SS)

7. Electives to complete requirements for graduation.

**History Minor**

The minor requires 24 s.h. credit. History courses used for the minor may not be counted toward history major.

1. Required HIST courses (Choose from the list below) .................................................. 9 s.h.
   - HIST 1030. World Civilizations to 1500 (3) (WI*) (F,S,SS) (GE:SO)
   - HIST 1031. World Civilizations Since 1500 (3) (WI*) (F,SS) (GE:SO)
   - HIST 1050. American History to 1877 (3) (WI*) (F,SS) (GE:SO)
   - HIST 1051. American History Since 1877 (3) (WI*) (F,SS) (GE:SO)

2. HIST electives above 2999 (excluding HIST 3100) .................................................. 15 s.h.

**Public History Minor**

The minor requires 24 s.h. credit. History courses used for the minor may not be counted toward history major.

1. Required HIST courses .............................................................................................................. 6 s.h.
   - HIST 3900. Introduction to Public History (3) (F)
   - HIST 3993. Approaches to Historical Objects (3)

2. HIST electives (Choose from the following) .................................................................................. 9 s.h.
   - HIST 4940, 4941, 4942. Internship in Archives and Historical Records Administration (3,6,9) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
   - HIST 4943, 4944, 4945. Internship in Museum Administration (3,6,9) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
   - HIST 4946, 4947, 4948. Internship in Historic Site Administration (3,6,9) (P: Senior standing; minimum cumulative 2.2 GPA; minimum 2.5 GPA in HIST; consent of instructor)
   - HIST 5910. Introduction to the Administration of Archives and Historical Manuscripts (3)
   - HIST 5920, 5921. Techniques of Museum and Historic Site Development (3,0)
   - HIST 5930, 5931. Field and Laboratory Studies in Museum and Historic Site Development (3,0)
   - HIST 5960. Introduction to Oral History (3)
   - HIST 5970. Living History (3)
   - HIST 5985. Historic Preservation Planning (3)

3. Cognates .......................... 9 s.h.
   - AMID 2700. Historic Interiors I (3)
   - AMID 2750. Historic Interiors II: Late Nineteenth and Twentieth Centuries (3) (WI) (F)
   - ANTH 2000. Archaeology Around the World (3) (F,S) (GE:SO)
   - ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
   - ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
   - ART 2905. Masterpieces and Ideas in the History of Art in the Visual Arts and Literature (3) (GE:FA)
   - ART 5900. Art of the United States (3) (P: ART 1906, 1907)
   - ENGL 3870. Introduction to Editing and Abstracting (3) (F,S) (P: ENGL 1200)
   - PLAN 3000. Urban Planning (3) (F,SS)

**History Honors Program**

A student desiring to enter the honors program in history must be a second semester junior majoring in history; possess a minimum cumulative and major 3.0 GPA; and have a minimum of 20 s.h. in history (exceptions may be made at the discretion of the dept chair). Furthermore, a student engaged in the history honors program shall be enrolled as a part of the regular curriculum in HIST 4550 and 4551, starting the sequence the spring semester of the junior year and concluding at the end of the first semester of the senior year. Upon completion of the two courses, the student will receive 6 s.h. credit in advanced history. Each honors scholar will carry out an extensive program of carefully supervised reading and research in one of nine areas of history: Colonial America; Nineteenth-Century America; Twentieth-Century America; Ancient and Medieval; Europe, 1500-1815; Europe, 1815 to Present; Asia; Latin America; Africa. A history honors award is given annually to the history honors program student who completes and defends the most outstanding honors paper.

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SECTION 8: COURSES

ART: HISTORY COURSES FOR NON-ART MAJORS

1906. Art History Survey (3) (F,S) (GE:FA) Same as ART 1906 (Art; Art History) P: ART 1905 or 1910; or consent of instructor. History of art from prehistoric times to Renaissance.

1907. Art History Survey (3) (F,S) (GE:FA) Same as ART 1907 (Art; Art History) P: ART 1905 or 1910; or consent of instructor. History of art from Renaissance to modern times.

1910. Art Appreciation (2) (F,S,SS) (GE:FA) For General College student. P: Non-art major. Visual experience to enhance student's understanding and enjoyment of art.

2905. Masterpieces and Ideas in the History of Art in the Visual Arts and Literature (3) (GE:FA) For General College student. Not open to those who have credit for ART 1905, 1906, 1907. P: Non-ART major. Selected works from antiquity to present which have reflected, shaped, and transformed ideas and traditions in world culture. A comparative study of selected visual and literary works from the Renaissance to modern times.

2906. West and Central African Art (3) (S) (GE:FA) For General College student. Not open to those who have credit for ART 3970 nor to art history minors. P: Non-ART major. Art from west and central Africa examined within environmental and societal conditions which influence its production and uses.

3975. African American Art (3) (F,S) (GE:FA) Same as ART 3975 (Art History) P: ART 1906, 1907; or consent of the instructor. Survey of African American art in North America from Colonial period through twentieth century. Examines works of art and craft in different media. Explores cultural impact on the production of art.

4970. History of Nineteenth- and Twentieth-Century Design (3) (S) Same as ART 4970 (Art History) P: ART 1906, 1907; or consent of instructor. Major artists and movements in history of textile, ceramic, metal, wood, and graphic design.

4990. Survey of Contemporary Art: 1950 to the Present (3) (F) (GE:FA) Same as ART 4990 (Art History) P: Junior standing; ART 1906, 1907; or consent of instructor. Art from second half of twentieth century.

ART: CERAMICS

2105. Ceramics Survey (3) (F,S,SS) P: ART 1015, 1030. Total ceramic process. Emphasis on potter's wheel.

2115. Ceramics Studio I (3) (F,S,SS) P: ART 2105 or consent of instructor. Clay mineralogy and development of clay body formulas. Basic pottery wheel forms.


3100. Ceramics Studio III (3) (F,S,SS) P: ART 2105 or consent of instructor. Kiln materials, design, repair, and construction. More complex hand building and pottery forms.

3110. Ceramics Studio IV (3) (F,S,SS) P: ART 2105 or consent of instructor. Glaze calculation theory, objectives, and application. Advanced hand building and pottery wheel problems. 3120. Ceramics Studio V (3) (F,S,SS) P: ART 2105 or consent of instructor. Advanced and aesthetic studies in clay.

4100. Ceramics Studio VI (3) (F,S,SS) P: ART 2105 or consent of instructor. Advanced and aesthetic studies in clay.

4110. Ceramics Studio VII (3) (F,S,SS) P: ART 2105 or consent of instructor. Advanced and aesthetic studies in clay.

4120. Ceramics Studio VIII (3) (F,S,SS) P: ART 2105 or consent of instructor. Advanced and aesthetic studies in clay.

5100. Ceramics Studio IX (3) P for graduate students: May count as an elective with consent of instructor. Senior projects in ceramic art and design. Slide portfolio requirement and senior exhibition.

5110. Ceramics Studio X (3) P for graduate students: May count as an elective with consent of instructor. Advanced projects in ceramic art and design.
ART #2

**Insert on p. 201 of 2004 – 2005 catalog:**

**BA in Art and Design**

Art studio concentrations are offered in painting, sculpture, ceramics, printmaking, communications arts, textiles design, fabric design, weaving design, wood design, and metal design, and general studio. Minimum degree requirement is 12 s.h. of credit as follows:

1. **General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degr Programs), including the following.** 42 s.h.
   
   PHIL 2271, Introduction to Philosophy of Art (3) (WI*) (F,S) (GE:HU)

2. **Foreign language through level 1004.** 12 s.h

3. **Common Core.** 30 s.h.
   
   ART 1005. Design I (3) (F,S,SS) (GE:FA) (P: ART major or administrative approval)
   ART 1015. Design II (3) (F,S,SS) (P: ART 1005, 1020 with a minimum grade of C; ART 1905; or administrative approval)
   ART 1020. Drawing (3) (F,S,SS) (GE:FA) (P: ART major or administrative approval)
   ART 1030. Figure Drawing (3) (F,S,SS) (P: ART 1005, 1020 with minimum grade of C; ART 1905; or administrative approval)
   ART 1905. The Dimensions of ART (3) (F,S) (GE:FA) (P: ART major)
   ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905)
   ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905)

   Choose 6 s.h. art surveys outside the concentration

   In the general studio concentration, choose 9 s.h. in surveys

   Choose 3 s.h. art history elective

4. **Specific** Art concentration courses to include survey (See 3 specific studio concentration course description) 15 s.h.

   General studio concentration (50% must be beyond the survey level) 18 s.h.

5. **Art electives** (for all concentrations except general studio) 12 s.h.

   or Art electives for general studio concentration 6 s.h.

6. **Electives to meet minimum requirements for graduation.**

7. **Individual program areas require a portfolio review for acceptance into the area after the student has completed the survey course and one upper-level studio course but not more than two courses.** The general studio portfolio review will be conducted by a faculty committee appointed by the Director of the School of Art and Design. Students submitting portfolios to communications arts concentrations must demonstrate a minimum cumulative GPA of 2.6 in the survey and all studio art concentration course attempted. Entrance is competitive and space is limited. Students not accepted in their preferred program or area of concentration should be prepared to seek alternative areas of concentration and/or degree programs.

8. **A senior show and slides of work exhibited are requirements for graduation.**

**Insert on p. 204 of 2004 – 2005 catalog:**

**Courses Limitations Prior to Portfolio Review**

For the BA degree and the BFA art education degree, up to two courses beyond the survey in the selected area may be taken before a portfolio submission is required; **for the BA degree in general studio, there is no limitation.** For the BFA degree, up to four courses beyond the survey in the selected areas may be taken before a portfolio.
submission is required. Students will not be accepted into specific concentrations after completing the above number of course, Exceptions are by administrative decision only.

ART #3

**Insert on pp. 202 – 20x of 2004 – 2005 catalog:**

ENGL 3600. Classics from Homer to Dante (3) (WI) (F) (GE:HU) (P: ENGL 1200)
ENGL 3610. Human Values in Literature (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)

2. **Foreign language (French or German) through level 1004** ......................................................... 12 s.h.

3. **Common core** .................................................................................................................................. 36 s.h.
   - ART 1005. Design I (3) (F,S,SS) (GE:FA) (P: ART major or administrative approval)
   - ART 1020. Drawing (3) (F,S) (GE:FA) (P: ART major or administrative approval)
   - ART 1905. The Dimensions of Art (3) (F,S) (GE:FA) (P: ART major)
   - ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905)
   - ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905)
   - ART 3900. Art History and Its Methods (3) (WI*) (P: ART 1906, 1907; P for nonmajor: Consent of instructor)
   Choose three courses which cover art before 1800
   Choose three courses which cover art after 1800
   (African art will be counted in the latter category; history of prints and drawings may be counted in either category.)

4. **Concentration area (Choose one.)** .................................................................................................... 21 s.h.

Liberal Arts:
Choose 6 s.h. of additional art history electives
Choose 15 s.h. electives from anthropology, English, foreign languages, history, philosophy, or area studies

**Studio Art:**
- ART 1015. Design II (3) (F,S) (P: ART 1005, 1020 with a minimum grade of C; ART 1905; or administrative approval)
- ART 1030. Figure Drawing (3) (F,S) (P: ART 1005, 1020 with a minimum grade of C; ART 1905; or administrative approval)

Choose 9 s.h. art surveys
Choose 6 s.h. art electives (may be taken in art history)

5. Electives to meet minimum requirements for graduation.
6. A senior paper in art history and an exit exam are requirements for graduation.

**BFA in Art and Design**
Concentrations are offered in painting, sculpture, ceramics, printmaking, communication arts/graphic design, communiciation/media arts/illustration, communication/media arts/photography, textile design, fabric design, weaving design, wood design, and animation / interactive design.

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

1. **General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including the following** .......................................................... 42 s.h.
   - PHIL 2271. Introduction to Philosophy of Art (3) (WI*) (F,S) (GE:HU)

2. **Common core** .................................................................................................................................. 36 s.h.
   - ART 1005. Design I (3) (F,S,SS) (GE:FA) (P: ART major or administrative approval)
   - ART 1015. Design II (3) (F,S,SS) (P: ART 1005, 1020 with a minimum grade of C; ART 1905; or administrative approval)
   - ART 1020. Drawing (3) (F,S,SS) (GE:FA) (P: ART major or administrative approval)
   - ART 1030. Figure Drawing (3) (F,S,SS) (P: ART 1005, 1020 with a minimum grade of C; ART 1905; or administrative approval)
   - ART 1905. The Dimensions of Art (3) (F,S) (GE:FA) (P: ART major)
   - ART 1906. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905)
   - ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905)
   Choose 9 s.h. art surveys outside the concentration
   Choose 6 s.h. art history electives

3. **Art concentration courses to include survey (See specific studio concentration course description.)** .......................................................... 30 s.h.

4. **Art electives** .................................................................................................................................. 18 s.h.
Electives may be in any art prefix, including art history. Choose a minimum of 6 s.h. outside the area of concentration; however, the 6 s.h. may not comprise two courses from the same area.
5. Individual program areas require a portfolio review for acceptance into the area after the student has completed the survey course and at least one upper-level studio course but not more than four courses. Acceptance into the area by portfolio review is required for admittance into 4000-level

Transfer Student Information
Students wishing to transfer art credits after acceptance to East Carolina University (See Section 3, Admission, Transfer) must have their course work evaluated for transfer credit. In order to determine the appropriate application of art course credit to degree requirements at ECU, the School of Art and Design will evaluate each art course according to the following:
1. Art courses for which transfer credit is requested must be listed on the School of Art transcript form. The items to be included are title of the course, number of the course, semester or quarter credit hours, and full name of instructor.
2. A catalog or copies of appropriate pages describing the transfer course must be submitted.
3. For foundation credit, examples of work or slides showing all studio projects completed must be submitted.
4. For upper-level credit, a minimum of six and a maximum of fifteen examples of work or slides for each studio course to be evaluated must be submitted. These examples should show the entire range of projects completed in each course. Each item or slide must be labeled to identify the class in which it was produced.
5. Art history course credit must be accompanied by a listing of texts used and submission of copies of papers written for art history; the latter requirement may be waived in lieu of an interview with the curricular coordinator.
6. Credit transferred from two-year institutions will only be applicable to freshman and sophomore course requirements.
7. Recommendations concerning the approval of credit in art courses will be made by the area coordinator to the dean. The dean will then inform the student of the applicability of credit and remaining requirements for the degree program. All information and examples of work listed above must be received by the School of Art and Design at least one week before summer orientation day for transfer students entering fall semester and no later than December 1 for students entering spring semester.

Non-Art Majors
ART 1001 and courses under Art History Courses for Non-Art Majors may be taken by non-art majors without administrative approval. ART 1005, 1020 are also open to non-art majors based on available space and administrative approval. Other courses may be taken by meeting prerequisites or by consent of the instructor.

Foundation Courses
Foundation courses: ART 1005, 1015, 1020, 1030, 1905, 1906, 1907 are required of all BFA and BA degree candidates and are prerequisites for upper-level courses. (ART 1015 and 1030 are not required for the BA in art history, liberal arts concentration.) ART 1906, 1907 may be taken concurrently with survey-level courses.

Enrollment in any art studio course above ART 1030 is dependent upon the student earning a minimum grade of C in both ART 1015 and 1030.

Corresponding sections of ART 1005, 1020, 1905 (block scheduling) must be taken fall semester. Exceptions require administrative approval.

Corresponding sections of ART 1015, 1030; 1906 or 1907 (block scheduling) must be taken in spring semester. Exceptions require administrative approval.

Prerequisites within an area, exclusive of the foundation courses (ART 1005, 1015, 1020, 1030), may be waived by consent of the instructor.

Course Contact Hours
Lecture courses meet for one hour for each semester hour of credit; studio courses meet for two hours for each semester hour of credit.

Animation / Interactive design students take 2070, 2470, 3070, 3080, 3081, 3250, 3470, 4070, 4411, 4470.

Communication Arts
Graphic design students take ART 2200 and 27 s.h., including the following courses: ART 2210, 2220, 3200, 3210, 3230; 4200 or 4210; 5210.

Illustration students take ART 2200, 2210, 2220, 3200, 3210, 3230, 3240; 3551 or 3560 or 3561; 4230, 5230.
Insert on pp. 293 – 302 of 2004 – 2005 catalog:

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.

ANTH Banked Courses

2020. Contemporary Human Problems and 3112. Archaeology of Mexico and Guatemala (3)
2034. Global Issues (3) 4252. Anthropology of Aging (3)
3024. Heredity and Culture (3)
3075, 3076. Archaeological Methods and Laboratory (3,0)

ART: ANIMATION / INTERACTIVE DESIGN

2070. Animation / Interactive Design Survey (3) (F,S,SS) P: ART 1030; 1906 or 1907. Using computers to solve visual problems. Exploration of ways that animation / interactive design and digital imaging can complement experiences in various disciplines.

2470. Introduction to Digital 3D Modeling and Animation (3) P: ART 1015, 1030. A studio that develops a students design process through the construction of digital 3D models and animation.

3070. Electronic Interactive Multimedia (3) (F,S) 2 lecture and 4 studio hours per week. P: ART 2070 or 2071 or consent of instructor. Interactive multimedia design process. Web based projects incorporate sound, full-motion video, and still and kinetic imagery. Users interact with information presented. Emphasis on problem-seeking/problem-solving processes.

3470. Digital 3D Animation (3) P: ART 2470 or consent of instructor. A design studio that develops a student's concept of digital 3D modeling as applied to animation and special effects.

4070. Advanced Interactive Media (3) (S) 1 lecture and 4 studio hours per week. P: ART 2070, 3070; or consent of instructor. Advanced exploration of interactive media design process. Emphasis on problem-seeking/problem-solving processes.

4470. Digital 3D Lighting and Rendering (3) P: Art 3470 or consent of instructor. A design studio that develops the concept of digital geometries is taught by studying the basic elements that make digital 3D models including the effects of lighting, texture mapping and rendering.

4411. Professional Practice (3) P: 4070, 4470 or 4200 or 4210 or 4220, 4240; or consent of instructor. Advanced media design projects and practices for professional portfolio presentations are covered to prepare students for entry-level employment.

ART: ART AND DESIGN

1005. Design I (3) (F,S,SS) (GE:FA) P: ART major or administrative approval. Elements and principles of design as applied to two and three dimensions.

1015. Design II (3) (F,S,SS) P: ART 1005, 1020 with a minimum grade of C; 1905; or administrative approval. Extension and development of content of ART 1005.

1020. Drawing (3) (F,S,SS) (GE:FA) P: ART major or administrative approval. Introduction to drawing in various media.

1030. Figure Drawing (3) (F,S,SS) P: ART 1005, 1020 with a minimum grade of C; 1905; or administrative approval. Introduction to drawing the human figure using various media.

1905. The Dimensions of Art (3) (F,S) (GE:FA) Same as ART 1905 (Art History) P: Art major or consent of instructor. Various ways of perceiving, discussing, and analyzing works of art.

1906. Art History Survey (3) (F,S) (GE:FA) Same as ART 1906 (Art History; Non-Art Majors). P: ART 1905 or 1910; or consent of instructor. History of art from prehistoric times to Renaissance.

1907. Art History Survey (3) (F,S) (GE:FA) Same as ART 1907 (Art History; Non-Art Majors) P: ART 1905 or 1910; or consent of instructor. History of art from Renaissance to modern times.

2540. Intermediate Drawing (3) (F,S) Formerly ART 1040 Same as ART 2540 (Drawing) P: ART 1015, 1030; or consent of instructor. Extension of ART 1020. Investigation of materials, media, and abstraction.
2550. Intermediate Figure Drawing (3) (F,S) Formerly ART 1050 Same as ART 2550 (Drawing) P: ART 1015, 1030; or consent of instructor. Extension of ART 1030. Investigation of drawing strategies and techniques as relevant to the human figure.

ART: ART EDUCATION

2123. Early Experiences for the Prospective Teacher (1) (WI*) (F,S) Minimum of 16 hours of observations of public school art classes and related school activities plus 1 hour per week of seminar to discuss the observations.

2870. Computers in Art Education (1) (F,S) 1 lecture and 1 studio hour per week. P: ART 1015, 1030. Entry-level experiences in basic computer operations applicable to the art education classroom K-12.

3850. Art in the Elementary School (3) (F,S,SS) Not open to ART majors. P: Junior standing. Art educational philosophy, methodology, materials, processes, and specific projects for elementary classes.

ART: COMMUNICATION ARTS
2200. Communication Arts Survey (3) (F) P: ART 1015, 1030. Basic conceptual problem solving relevant to two- and three-dimensional applied design. Emphasis on graphic, typographic, illustrative, photographic, and spatial relationships. Exploration of media and techniques.

2210. Concepts in Communication Arts (3) (S) P: ART 2200 or consent of instructor. Exploration of conceptual problem solving in two- and three-dimensional applied design. Further exploration of media and techniques, including electronic environments.

2220. Photography Survey (3) (F,S) P: ART 1015, 1030. Basic camera techniques, darkroom procedures, and assignments. Full scope of photographic problems.

3070. Electronic Interactive Multimedia (3) (F,S) 2 lecture and 4 studio hours per week. P: ART 2070 or 2071 or consent of instructor. Interactive multimedia design process. Computer based projects incorporate sound, full motion video, and Still and kinetic imagery. Users interact with information presented. Emphasis on problem seeking/problem solving processes.

3200. Typography (3) (F) P: Acceptable portfolio review; ART 2070, 2210; or consent of instructor. Typographic images in historical and modern design. Emphasis on contemporary applications through digital media. Typographic function, flow, and form.

3210. Production (3) (S) P: ART 3200 or consent of instructor. Practical execution of design concepts as commercial printed media. Emphasis on use of computer for digital prepress work.

3230. Introduction to Illustration (3) (F,S) P: ART 2200 or consent of instructor. Illustration as communicative medium. Emphasis on media and techniques.

3240. Illustration Media and Techniques (3) (S) P: ART 3230 or consent of instructor. Further development of technical skills required to create effective illustration. Emphasis on wide range of media used in contemporary illustration. Introduction to computer illustration.

3250. Introduction to Digital Photography (3) (F) 2 lecture and 4 studio hours per week. P: ART 2070, 2210, 2220; or consent of instructor. Digital photography and its applications to design and fine art.

3260. Intermediate Photography (3) (F,S) P: ART 2220. In-depth exploration in camera work, darkroom techniques, and visual literacy.

3442. Products and Environments (3) (F) P: ART 2210 or consent of instructor. User-based design principles applied to exhibit environments and furniture systems intended for repetitive production.

4070. Advanced Interactive Media (3) (S) 1 lecture and 4 studio hours per week. P: ART 2070, 3070; or consent of instructor. Advanced exploration of interactive media design process. Emphasis on problem seeking/problem solving processes.

4200. Advanced Typography (3) (F) P: ART 3200 or consent of instructor. Extended study of typography as related to communication design. Emphasis on informational and aesthetic concerns in professional design forum. Two- and three-dimensional problems.

4210. Graphic Design (3) (F) P: ART 3210 or consent of instructor. Emphasis on design, use, and application of creative visual images and concepts in communication. Two- and three-dimensional problems.

4220. Studio Photography (3) (F,S) P: ART 3260 or consent of instructor. In-depth exploration of camera, lighting, studio, and darkroom techniques as means of exploring issues in communications and aesthetics.


4240. Advanced Digital Photography (3) (S) 2 lecture and 4 studio hours per week. P: ART 3210, 3250; or consent of instructor. Extended study of digital photography as related to image design and communications. Emphasis on collecting raw image data to be processed with other information.

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3306. Fabric Design Studio III (3) (F) P: ART 2336. Further exploration of fabric design techniques and various dye groups.
3316. Fabric Design Studio IV (3) (S) P: ART 2326, 2336. Advanced printing and combined techniques applied to designing fabrics.


ART: INDEPENDENT STUDY

3500. Independent Study (3) (F,S,SS) P: Consent of instructor, curricular coordinator, and dean.

3510, 3511, 3512, 3515. Directed Field Study in Studio Art (1,1,1,3) Minimum of 35 hours of instruction at a qualified off campus institution or program is required. May count toward studio concentration. P: ART 1015, 1030; consent of area coordinator and supervising instructor. Studio research supervised by School of Art faculty in conjunction with another structured program or institution. Strengthens competencies in areas related to programs offered by School of Art.

4010, 4020, 4030. Work Experience in the Visual Arts and Design (3,3) (F,S,SS) Minimum of 140 work and academic hours per semester for 3 s.h. credit. Maximum of 3 s.h. obtained through independent study may be applied to art elective requirements. P: Consent of curricular coordinator. Supervised work experience. Strengthens competency in areas related to programs offered by School of Art.

5500. Independent Study (3) P: Consent of instructor, curricular coordinator, and dean.

ART: INTERDISCIPLINARY

2070. Introduction to Computer-Aided Art and Design (3) (F,S,SS) May count as 2- or 3-dimensional art elective. P: ART 1030; 1906 or 1907. Computer use for solving visual problems. Exploration of ways in which computer can augment and complement experiences in various disciplines.

2071. Computer Graphics Orientation (1) May count as 2- or 3-dimensional art elective. 1 lecture and 1 studio hour per week. P: ART 1030; 1906 or 1907. Entry-level experiences with cross-section of major categories of art applications available for Macintosh computer. Technical approach to image-input peripherals and image file formats. Computer presented as aid to visual thinking and planning.

3000, 3001. Intermedia Studio I, II (3,3) (F,S,SS) 6 contact hours per week. P: Consent of instructor. Visual art problems not geared toward specific media. Emphasis on creative problem solving. May involve various interdisciplinary activities.

ART: METAL DESIGN


2301. Metal Design Studio I (Jewelry) (3) (S) P: ART 2300 or consent of instructor. Design and production of jewelry.

2311. Metal Design Studio II (Enameling) (3) (F,S) P: ART 2300 or consent of instructor. Advanced enameling techniques employed in individually designed products.

2321. Metal Design Studio III (Raising, Spinning, Chasing, Repousse, Forging) (3) (F,S) P: ART 2300 or consent of instructor. Techniques of metal forming used by artist craftsman to produce individually styled objects.

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2470. Introduction to Digital 3D Modeling and Animation (3) P: ART 1015, 1030. A studio that develops a students design process through the construction of digital 3D models and animation.

3301. Metal Design Studio IV (3) P: ART 2300 or consent of instructor. Advanced jewelry and metal design. Basic methods of casting.

3311. Metal Design Studio V (3) (S) P: ART 2300 or consent of instructor. Advanced application of metal-forming techniques. Influence of traditional techniques on individually designed products.

3321. Metal Enameling Studio II (3) (F,S) P: ART 2311 or consent of instructor. Further development of design sensitivity and technical skills required to produce enameled objects of art.

3470. Digital 3D Animation and Effects (3) P: ART 2470 or consent of instructor. A design studio that develops a student's concept of digital 3D modeling as applied to animation and special effects.

4301. Metal Design Studio VI (3) (F,S) P: ART 2300 or consent of instructor. Production of individually designed products through application of casting and metal construction techniques.

4311. Metal Design Studio VII (3) P: ART 2300 or consent of instructor. Design problems in contemporary materials and techniques.
4470. Digital 3D Lighting and Rendering (3) P: ART 3470 or consent of instructor. A design studio that develops the concept of digital geometries is taught by studying the basic elements that make digital 3D models including the effects of lighting, texture mapping, and rendering.

5301. Metal Design Studio VIII (3) P for undergraduate students: ART 2300 or consent of instructor. Original research in metal design.

5311. Metal Design Studio IX (3) P for undergraduate students: ART 2300 or consent of instructor. Original research in metal design.

**ART: PAINTING**

2560. Painting Survey: Materials and Methods (3) (F,S,SS) P: ART 1015, 1030. Extensive experimentation in studio techniques peculiar to traditional and contemporary painting problems. Emphasis on proper use of grounds, supports, and pigment characteristics. Criticism and lectures.

2561. Painting: Composition - Design for Painting (3) (F,S,SS) May count toward art concentration or as art elective. Required for painting concentration students. P: ART 2560. Design principles in painting. Emphasis on color structure and fundamental methods of pictorial organization.

3560. Painting: Watercolor (3) (F,S) P: ART 2560 or consent of instructor. Comprehensive analysis and use of watercolor and related liquid media in expressive painting.

3561. Painting Studio I (3) (F,S,SS) P: ART 2560 or consent of instructor. Focus on growth and development of individual concepts in painting. Experimentation and exploration of assigned problems. Emphasis on individual analysis and discussion of work.

3562. Figure Painting (3) (F,S) P: ART 2550; 2560 or consent of instructor. Human figure as primary motif in painting. Painting from model.

3563. Painting Studio II (3) (F,S,SS) Continuation of studio I. Emphasis on technical and aesthetic problems of painting. Individual and group criticism of work.

3564. Advanced Figure Painting (3) (F,S) P: ART 3562 or consent of instructor. Advanced individual study of the figure as primary motif in painting. Painting from model.

3566. Portrait Painting (3) (S) P: ART 2560 or consent of instructor. Individual study of human head and costumed figure as primary motif in painting. Painting from model.

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4630. Printmaking Studio VIII (3) (F,S) P: ART 2010, 4620; or consent of instructor. Continuation of ART 4620.

4640. Printmaking Studio IX (3) (F,S) P: ART 2010, 4630; or consent of instructor. Continuation of ART 4630. Completion of folio or book.

5610. Printmaking Studio X (3) Independent investigation of specific problems in printmaking.

**ART: SCULPTURE**

2705. Sculpture Survey (3) (F,S,SS) P: ART 1015, 1030. Methods, materials, and styles of sculpture.

2715. Sculpture Studio I (3) (F,S) P: ART 2705 or consent of instructor. Subtractive techniques (stone, wood, and plaster) as sculptural problems.

2725. Sculpture Studio II (3) (F,S) P: ART 2715. Additive techniques (plaster, clay, wood, and steel) as sculptural problems.

3700. Sculpture Studio III (3) (F,S) P: ART 2725. Manipulation and substitution techniques (welding and cast metals) as sculptural problems.

3710. Sculpture Studio IV (3) (F,S) P: ART 3700. Advanced studio techniques in sculpture (foundry) to explore visual aesthetics.

3720. Sculpture Studio V (3) (F,S) P: ART 3710. Advanced studio techniques in sculpture (welded metals) to explore visual aesthetics.

4700. Sculpture Studio VI (3) (F,S) P: ART 3720. Advanced studio studies in sculpture to develop a personal aesthetic statement (interior scale).

4710. Sculpture Studio VII (3) (F,S,SS) P: ART 4700. Advanced studio studies in sculpture to develop a personal aesthetic statement (human scale).

5700. Sculpture Studio VIII (3) P for undergraduate students: ART 2705 or consent of instructor. Concentrated studio pursuit and development of strong personal aesthetic sculptural statement.

5710. Sculpture Studio IX (3) P for undergraduate students: ART 2705 or consent of instructor. Concentrated studio pursuit and development of strong personal aesthetic sculptural statement (architectural scale).

**ART: TEXTILE DESIGN**


ART: VIDEO
3081. Intermediate Video Art (3) Explores video as expressive medium and builds upon competencies developed in ART 3080.

ART: WEAVING DESIGN
2335. Weaving Design Studio II (3) (S) P: ART 2325. Advanced pattern drafting, multilayer exploration, and combined basic loom-controlled techniques.
3305. Weaving Design Studio III (3) (F,S) P: ART 2335. Advanced application of loom controlled techniques.

PSYCHOLOGY

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BIOL 1100/1101, BIOL 1200/1201, PHYS 1250/1251, and PHYS 1260/1261. If the student is accepted for admission to the Brody School of Medicine under the MD/7 program, the first year of medical studies will count toward fulfilling the remaining hours of electives as required for graduation.

The neuroscience minor is designed to provide students with an introduction to the study of neuroscience at the various structural and functional levels of analysis, including molecular, cellular, integrative, and behavioral. (Students interested in a neuroscience major should see multidisciplinary studies, described above, and contact the neuroscience program director.) The minor requires completion of core courses (20 s.h.), a laboratory course (2 or 3 s.h.), and an elective course (2-5 s.h.). In the event that courses required for the minor are also required for the student’s major, neuroscience elective courses should be taken so that a minimum of 24 s.h. of unique neuroscience courses are completed for the minor. The major advisor should send a potential minor to the director for advising. The minimum requirements for the minor are 24 s.h. as follows:

1. Core
   BIOL 1100, 1101: Principles of Biology I (4,0) (F,S,SS) (GE:SC)
   CHEM 1160, 1161, General Chemistry and Laboratory I (3,1) (F,S,SS) (GE:SC) (P: CHEM 150, 1151; C for 1160: CHEM 1161; C for 1161: CHEM 1160; RC: MATH 1083 or 1085)
   NEUR 4900. Cellular and Molecular Neuroscience (3) (F: P: Senior standing; consent of instructor)
   NEUR 4901. Behavioral and Integrative Neuroscience (3) (S: P: Senior standing; consent of instructor)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO) or PSYC 1060. Honors Introductory Psychology (3) (F,S) (GE:SO)
   PSYC 3310. Introduction to Neuroscience (3) (F,S,SS) (GE:SO)
   2-3 s.h.

2. Neuroscience Laboratory Course (Choose one.)
   NEUR 4201. Laboratory Methods in Cellular and Molecular Neuroscience (2) (S)
   PSYC 4312. Laboratory Methods in Behavioral Neuroscience (3) (P: PSYC 3310, 3311; or consent of instructor)
   PSYC 4315. Neuroscience: Literature and Laboratory Experience (3) (P: PSYC 2210; 3310 or 3311; or consent of instructor)

3. Electives
   2-5 s.h.
   BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (GE:SC) (P: BIOL 150, 1051; or 1100, 1101)
   BIOL 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (GE:SC) (P/C: BIOL 2130)
   BIOL 2300. Principles of Genetics (3) (F,S,SS) (GE:SC) (P: 2 BIOL courses)
   BIOL 3310, 3311. Cellular Physiology (4,0) (F,S,SS) (P: Organic CHEM or biochemistry course)
   BIOL 3320. Principles of Animal Physiology (3) (F,S,SS) (P: Organic CHEM or biochemistry course)
   BIOL 3520. Biological Evolution (3) (F,S,SS)
   BIOL 5510, 5511. Transmission Electron Microscopy (4,0) (P: Senior standing as a biology major or consent of instructor)
   BIOL 5520, 5521. Scanning Electron Microscopy and X-Ray Analysis (2,0) (P: Senior standing as a biology major or consent of instructor)
   CHEM 2750. Organic Chemistry I (3) (F,S,SS) (P: CHEM 1160, 1161; C: CHEM 2753)
   CHEM 2753. Organic Chemistry Laboratory I (1) (F,S,SS) (C: CHEM 2750)
   CHEM 2760. Organic Chemistry II (3) (F,S,SS) (P: CHEM 2750; C: CHEM 2763)
   CHEM 2763. Organic Chemistry Laboratory II (1) (F,S,SS) (P: CHEM 2750, 2753; C: CHEM 2760)
   CHEM 2770. Biological Chemistry (3) (F,S) (GE:SC) (P: CHEM 2650 or 2760)
   CHEM 2771. Biological Chemistry Laboratory (1) (F,S) (GE:SC) (C: CHEM 2770)
   ITEC 2054, 2055. Electricity/Electronics Fundamentals (3,0) (F,S,SS) (P: MATH 1065 or 1066 or 1085 or 2119)
   MATH 2121. Calculus for the Life Sciences I (3) (F,S,SS) (GE:MA)
   MATH 2122. Calculus for the Life Sciences II (3) (F,S,SS) (P: MATH 2121)
   NEUR 4200. Literature in Neuroscience (1) (F)
PHIL 1262. Introduction to Philosophical Issues in Biology (3) (GE:HU)
PHIL 2281. Introduction to Philosophy of Science (3) (GE:HU)
PSYC 2210. Experimental Psychology (4) (WI) (F,S) (GE:SO) (P: MATH 1065 or equivalent or MATH 2212Z 1066; PSYC 2101)
PSYC 3225. Psychology of Learning (3) (F,S) (GE:SO)
PSYC 3226. Human Learning and Cognition (3) (F,S,SS) (GE:SO)
PSYC 3290. Comparative and Evolutionary Psychology (3) (GE:SO)
PSYC 3311. Neuropsychology (3) (F,S) (GE:SO)

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PSYC 4340. Behavioral Pharmacology Seminar (3) (P: PSYC 3310, 3311; or consent of instructor)

**PSYC 5311. Sensation and Perception (3) (P: PSYC 3310, 3311; or consent of instructor)**

Any course listed under 2., above, not used to meet lab requirement may be chosen as an elective.

**NORTH CAROLINA STUDIES**

*E. Thomson Shields, Director, 2112 Bate Building*

The minor in North Carolina studies is an interdisciplinary program that requires 24 s.h. credit and provides students with a comprehensive natural and cultural history of North Carolina and a knowledge of the contemporary conditions and issues that history has created. The program requires an introductory course, a senior research seminar, a series of core courses, and electives drawn from the following disciplines: anthropology, biology, English, geography, geology, history, and political science. Courses taken to meet general education requirements cannot be used to satisfy the requirements of the North Carolina studies minor. The student’s minor program must be approved by the director of the North Carolina Studies program.

1. **Core** .......................................................... 15 s.h.
   - ENGL 4230. North Carolina Literature (3) (WI) (S-QY) (GE:HU) (P: ENGL 1200)
   - GEOG 3055. North Carolina (3) (F) (GE:SO)
   - HIST 3100. North Carolina History (3) (F,S) (GE:SO) or 5135. Problems in North Carolina History (3) (S) (WI*)
     (P: HIST 1050, 1051; or consent of instructor)
   - NCST 2000. Introduction to North Carolina Studies (3) (F)
   - NCST 4000. Windows on North Carolina's Past (3) (S) (P: NCST 2000; 6 s.h. in NCST; or consent of director) or 4010. Contemporary Issues and Problems in North Carolina (3) (S) (P: NCST 2000; 6 s.h. in NCST; or consent of director)

2. **Electives (Choose from at least two of the areas listed below.)** ............................................ 9 s.h.
   No more than 3 s.h. of course work in the student’s major field will be acceptable for credit toward the minor.
   Additional courses beyond those listed below will be accepted if they significantly further the student’s understanding of North Carolina studies; prior approval by the director is required for additional courses.
   - ANTH 3035. North American Indians (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
   - ANTH 3111. North American Archaeology (3) (QY) (GE:SO) (P: ANTH 1000 or 2000 or consent of instructor)
   - ANTH 5065. Maritime Anthropology (3) (P: ANTH 2200 or consent of instructor)
   - ANTH 5120. Archaeology of the Southeastern US (3) (P: ANTH 2000 or consent of instructor)
   - BIOL 3400, 3401. Biological Field Studies of the Coastal Plain (3,0) (P: 2 Courses in BIOL or GEOL or consent of instructor)
   - ENGL 3570. American Folklore (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)
   - ENGL 5230, Southern Regional Literature (3) (WI) (P: ENGL 1200)
   - GEOG 5500. Directed Studies in Geology (2) (P: Senior or graduate standing in GEOL or consent of instructor)
   - HIST 3100. North Carolina History (3) (F,S) (GE:SO)
   - HIST 5140. The Old South (3)
   - HIST 5141. The South Since 1877 (3) (WI*)
   - POLS 3244. North Carolina Politics (3) (F)
   - POLS 4321. Contemporary Southern Politics (3) (S)

**RELIGIOUS STUDIES**

*Calvin Mercer, Director, C-300 Browster Building*

Religious studies is a nonsectarian and interdisciplinary program designed to provide students with an understanding of religion as historical and cultural phenomena. Courses offered explore religion in its various dimensions – aesthetic, anthropological, ethical, historical, literary, philosophical, political, psychological, and sociological. Students interested in obtaining a major or double major in religious studies can do so through the multidisciplinary studies program. Interested students should contact the director of religious studies for information. The religious studies minor requires 24 s.h. credit. The major adviser should send a potential minor to the director for advising. Requirements for the minor are listed below. A maximum of 6 s.h. may be used to satisfy general education requirements and requirements for the religious studies minor. No course work in the student’s major field of study will be accepted for credit toward the minor. Study-abroad programs

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POLS 3297. International Political Economy (3) (GE:SO)
POLS 4107. Topics in Comparative Politics (3) (S) (P: 12 s.h. in comparative government and politics courses or consent of instructor)
POLS 4360. Politics of Developing Areas (3) (GE:SO)
POLS 4380. Topics in International Politics (3) (F: POLS 2020 or consent of instructor)
POLS 4382. Politics of Terrorism (3) (S) (GE:SO)
POLS 4383. War in the Modern Age (3)

**Political Science Honors Program**

Participation in the honors program is by invitation only and is limited to seniors who have obtained a minimum cumulative 3.5 GPA. A minimum grade of B on POLS 4551 is a prerequisite for admission to POLS 4552. Students completing both segments of the program with a minimum grade of B earn the recognition honors in political science on their academic records and are regarded as the most accomplished scholars among all political science majors.

**DEPARTMENT OF PSYCHOLOGY**

**BA in Psychology**

In order to declare a major in psychology, an undergraduate must have a minimum cumulative GPA of 2.0. A faculty adviser will be assigned to each student to aid in planning an overall program. A student desiring to minor in psychology should consult the major department faculty adviser or the chairperson of the Department of Psychology to determine the most appropriate sequence of courses for the minor.

Undergraduate students majoring in psychology are encouraged to minor in biology, business, chemistry, child development and family relations, mathematics, philosophy, or sociology or to take a composite minor approved by the faculty adviser and chairperson. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below: ............................ 42 s.h.
   - MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)

2. Foreign language through level 1004. ................................................................. 12 s.h.

3. Core ....................................................................................................................... 35 s.h.

PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO) or PSYC 1060. Honors Introduction to Psychology (3) (F,S) (GE:SO)

PSYC 2101. Psychological Statistics (4) (F,S,SS) (GE:SO) (P: MATH 1065 or equivalent) or MATH 2127 1066

PSYC 2210. Experimental Psychology (4) (W) (F,S) (GE:SO) (P: MATH 1065 or equivalent) or MATH 2127 1066, PSYC 2101

PSYC 3225. Psychology of Learning (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060) or PSYC 3226. Human Learning and Cognition (3) (GE:SO) (P: PSYC 1000 or 1060)

PSYC 3310. Introduction to Neuroscience (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060) or PSYC 3311. Neuropsychology (3) (F,S) (GE:SO) (P: PSYC 1000 or 1060)

**PSYC 4250. Advanced Seminar (3) (F,S,SS) (PSYC 2210 and consent of instructor)**

Choose two from:

- PSYC 3206. Developmental Psychology (3) (W*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
- PSYC 3221. Social Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
- PSYC 3300. Psychology of Personality (3) (F,S) (GE:SO) (P: PSYC 1000 or 1060)
- PSYC 4375. Abnormal Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)

**PSYC 5311. Sensation and Perception (3) (P: PSYC 3310, 3311; or consent of instructor)**

PSYC 5325. Introduction to Psychological Testing (3) (P: A statistics course; PSYC 1000 or 1060)

Choose one from:

- PSYC 4000. Advanced General Psychology (3) (W) (F,S) (P: PSYC major; PSYC 2210; two courses from the learning and cognition, biological bases, or general course groups)
- PSYC 4280. History of Psychology (3) (W) (F,S) (P: PSYC major; PSYC 2210; two courses from the learning and cognition, biological bases, or general course groups)
- PSYC 4402. Senior Thesis/Project (3) (W) (F,S) (P: PSYC major; PSYC 4401; two courses from the learning and cognition, biological bases, or general course groups; GPA above 3.00 overall and in Psychology)

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**SECTION 7: ACADEMIC PROGRAMS**

Choose 9 s.h. of electives of which no more than 6 s.h. can be selected from PSYC 4315, 4501, 4502, 4521, 4522, 4523, 4990, 4991, 4992, 5990, 5991, 5992 (PSYC 2201, 3340 may not count toward the major.)

**4. Minor** ............................................................................................................. 24-30 s.h.

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

**Psychology Minor**

PSYC 2201, 3340 may not count toward the minor. Minimum requirement for psychology minor is 24 s.h. of credit as follows:

1. Core ................................................................. 15 s.h.

- PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO) or PSYC 1060. Honors Introduction to Psychology (3) (GE:SO)
- PSYC 3225. Psychology of Learning (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060) or PSYC 3226. Human Learning and Cognition (3) (GE:SO) (P: PSYC 1000 or 1060)
- PSYC 3310. Introduction to Neuroscience (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060) or PSYC 3311. Neuropsychology (3) (F,S) (GE:SO) (P: PSYC 1000 or 1060)

Choose two from:

- PSYC 3206. Developmental Psychology (3) (W*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
- PSYC 3221. Social Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
- PSYC 3300. Psychology of Personality (3) (F,S) (GE:SO) (P: PSYC 1000 or 1060)
- PSYC 4375. Abnormal Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
PSYC 5311. Sensation and Perception (3) (P: PSYC 3310, 3311; or consent of instructor)
PSYC 5325. Introduction to Psychological Testing (3) (P: Statistics course; PSYC 1000 or 1060)
2. PSYC electives ........................................................................................................................................9 h.

Psychology Honors Program

In order to enter the honors program in psychology, a student must be a second semester junior majoring in psychology; must have completed a minimum of 80 s.h. with a minimum cumulative 3.0 GPA; must have completed at least 20 s.h. in psychology with at least a B in PSYC 2101, 2210 and with a minimum 3.5 GPA in psychology. After admission to the honors program by the director of undergraduate studies in psychology, the student will take PSYC 4601 during the second semester of the junior year and PSYC 4602 the first semester of the senior year. This sequence will satisfy the requirement for a capstone course and will qualify the student for honors in psychology if at least a B is earned in each course.

Integrated Undergraduate/Graduate Degree Program in Psychology and Occupational Therapy

The integrated Undergraduate/Graduate Degree Program in Psychology and Occupational Therapy provides a means by which highly qualified undergraduate students may complete both a BA degree in psychology and the professional master’s degree in occupational therapy in five years. Students must be approved by both participating departments and must apply to the graduate school as an integrated undergraduate/graduate student after 75 credits of undergraduate work is completed; permission to pursue the integrated degree program does not guarantee admission to the Graduate School. Incoming students must meet requirements for the honors program and must maintain a cumulative grade point average (GPA) of 3.5/4.0 at East Carolina University. Students who complete the program will receive an integrated undergraduate degree in psychology upon completing all required courses, typically at the end of the first year of the graduate occupational therapy program. Interested students should consult the current ECU Graduate School Catalog and the Department of Occupational Therapy for additional information. The total number of hours for undergraduate and graduate programs combined is 181 credits. Fifteen semester credits of graduate courses count towards both the undergraduate and graduate degree. Required courses include: foreign language (12 credits), general education courses, including PHIL 1110, 1175, 1500, 1180, or 2275, CHEM 1120, SOCI 2110, ANTH 1000 or 2200; HIM 3000, BIOL 1050, 1051, 2140, 2141, 2150, 2151; Psychology major courses including PSYC 1000, 3206, 4375, 3226, 2210, 3311, 4000, and 12 credits of psychology electives; OCCT 3000. 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6080, 6100, 6150, 6200, 6250, 6500, 6600, 6300, 6350, 6550, 6400, 6450, 6455, and 6650, 6660 or BIOS 6022, OCCT 7000.

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- DEPARTMENT OF SOCIOLOGY

PHIL 1500. Introduction to Logic (3) (F,S,SS)
PHIL 2275. Professional Ethics (3) (WI) (F,S,SS)
PHIL 2282. Philosophy of Law (3) (F,S) (P: PHIL 1175, 2275)
POLS 3223. Constitutional Powers (3) (S)
POLS 3224. Civil Liberties (3)
POLS 3252. Public Administration (3) (F)
SOCI 4330. Criminology (3) (P: SOCI 2110)

SOCI 4950. Practicum in Sociology (3) (F,S) (P: SOCI major; 27 s.h. in SOCI with a minimum grade of C in each course; consent of dept chair, practicum coordinator, and faculty member who will supervise the practicum)

SOCI 5300. Seminar in Juvenile Delinquency (3) (P: SOCI 2110; consent of instructor)
SOCW 3302. Social Work Policy II (3) (F,S) (P: SOCW major or consent of dean)

Marriage and Family:

SOCI 4325. Marriage and the Family (3) (F,S,SS) (P: SOCI 2110)
Choose 21 s.h. including at least two disciplines other than sociology from:
ANTH 3200. Women’s Roles in Cross-Cultural Perspective (3) (EY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)

CFDR 2000. Child Development I – Prenatal Through Early Childhood (3) (F,S,SS)

CFDR 3002. Child in the Family (3) (F,SS)

CFDR 4303. Families and Cultural Diversity (3) (F,S) (P: CFDR 1103)

CFDR 4313. Trends and Issues in Family Studies (3) (F,SS) (P: CFDR 1103)

COMM 4130. Conflict and Communication (3) (P: COMM 3142 or 3152 or 3160)

COMM 4135. Gender and Communication (3) (F) (P: COMM 1001, 1002; or WOST 2000 or 2400)

GERO 2400. Introduction to Gerontology (3)

HIST 3140. Women in American History (3) (F,S)

PSYC 2201. Psychology of Childhood (3) (F,S,SS) (P: PSYC 1000 or 1080 or equivalent)

PSYC 3206. Developmental Psychology (3) (WI) (F,S,SS) (P: PSYC 1000 or 1060)

PSYC 3240. Psychology of Adolescence (3) (F,S,SS)

SOCI 3235. Population Trends and Problems (3) (P: SOCI 2110)

SOCI 3325. Sociology of Human Sexuality (3) (F) (P: SOCI 2110 or consent of instructor)

SOCI 4950. Practicum in Sociology (3) (F,S) (P: SOCI major; 27 s.h. in SOCI with a minimum grade of C in each course; consent of dept chair, practicum coordinator, and faculty member who will supervise the practicum)

SOCI 5335. Sociology of Marriage Problems (3) (P: SOCI 2110; consent of instructor)

SOCI 5400. Seminar in Gender Roles (3) (P: SOCI 2110; consent of instructor)

SOCI 5600. Seminar in Aging (3) (P: SOCI 2110; consent of instructor)

SOCI 5800. Seminar in the Family (3) (P: SOCI 2110; consent of instructor)

SOCW 2400. Introduction to Gerontology (3) (F,S)
SOCW 4501. Crisis Intervention (3) (F: SOCW major or consent of dean)

Social Diversity:
Choose 6 s.h. from:
SOCI 3400. Introduction to Gender and Society (3) (P: SOCI 2110)
SOCI 4345. Race and Cultural Minorities (3) (S: SOCI 2110 or ANTH 1000)
SOCI 4347. Social Inequality (3) (F: SOCI 2110 or ANTH 1000)

Choose 3 s.h. from:
SOCI 3100. Sociology of Aging (3) (P: SOCI 2110)
SOCI 3325. Sociology of Human Sexuality (3) (F: SOCI 2110 or consent of instructor)
SOCI 4341. Sociology of Religion (3) (S: P: SOCI 2110)

Choose 15 s.h. electives, including at least two disciplines other than sociology from the following. Any of the six courses listed above under social diversity that are not used to fulfill those hours may be used as electives.

ANTH 3002. Cultures of East Asia (3) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3003. Cultures of Africa (3) (OY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)

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SCHOOL OF ALLIED HEALTH SCIENCES

Stephen W. Thomas, Dean, 302-C Belk Building

Admission

Admission to the university does not guarantee admission to the School of Allied Health Sciences. Students applying for admission to the professional programs of this school must have completed the application process as specified by the departments prior to the date set by the respective departments. Inquiries should be directed to the chairperson of the individual departments, School of Allied Health Sciences.

Curricula

The School of Allied Health Sciences offers BS degree programs in clinical laboratory science, health information management, occupational therapy, physician assistant, rehabilitation services, and speech and hearing sciences; minors in alcohol and drug studies and in sign language studies/pre-interpretation preparation; a MS in rehabilitation counseling, occupational therapy, vocational evaluation, speech-language and auditory pathology, and hematobiology; a MSc in clinical laboratory counseling; a MPT in physical therapy; and a PhD in communication sciences and disorders. (See graduate catalog for graduate degrees.)

DEPARTMENT OF BIOSTATISTICS

Kevin O'Brien, Acting Chairperson, 312-G Belk Building

DEPARTMENT OF CLINICAL LABORATORY SCIENCE

Richard Bamberg, Chairperson, 308 Belk Building

BS in Clinical Laboratory Science (Medical Technology)

A minimum 2.0 GPA in all biology and chemistry courses is required for admission into the professional phase of the curriculum. Majors must maintain a minimum 2.0 GPA in all clinical laboratory science (CLSC) courses during the professional phase of the curriculum. A student earning a D in any of these courses must petition the Department of Clinical Laboratory Science for probationary continuation. Minimum degree requirement is 131 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.
   CHEM 1150, 1151. General Chemistry and Laboratory I (3,1) (F,SS,GE:SC) (P: Chemistry placement test or passing grade in CHEM 0150; P/C: MATH 1065)
   CHEM 1660, 1661. General Chemistry and Laboratory II (3,1) (F,SS,GE:SC) (P: CHEM 1150, 1151; C for 1160: CHEM 1161; C for 1151; CHEM 1160; RC: MATH 1083 or 1085)
   MATH 1065, College Algebra (3) (F,SS,GE:MA) (P: Appropriate score on mathematics placement test) Recommended: PSYC 1000. Introductory Psychology (3) (F,SS,GE:SO)
   PSYC 2101. Psychological Statistics (4) (F,SS,GE:SO) (P: MATH 1065 or equivalent or MATH 2127/1066)

2. Core ................................................................. 67 s.h.
   CLSC 3410. Hematology I (3) (F: CLSC major)
   CLSC 3411. Hematology I Laboratory (1) (F: P: CLSC major; C: CLSC 3410)
   CLSC 3420. Hematology II (3) (S: P: CLSC major; CLSC 3410, 3411; or consent of instructor)
   CLSC 3421. Hematology II Laboratory (1) (S: P: CLSC major; CLSC 3410, 3411; or consent of instructor)
   CLSC 3430. Clinical Immunology (2) (F: P: Consent of instructor)
   CLSC 3440, 3441. Clinical Microscopy and Serology Lecture and Laboratory (2,1) (SS) (P: CLSC 3430)
   CLSC 4210, 4211. Immunohematology Lecture and Laboratory (3,1) (SS) (P: CLSC 3430; consent of instructor)
   CLSC 4430, 4431. Clinical Chemistry I (2,1) (F: P: 4 courses in CHEM; PSYC 2101 or other statistics course; P for nonmajor; consent of instructor)
   CLSC 4440, 4441. Clinical Chemistry II (4,2) (S: P: CLSC 4430, 4431; P for nonmajor: consent of instructor)
   CLSC 4460, 4461. Clinical Microbiology I (4,2) (F: P: BIOL 2110, 2111; or 3220, 3221; or consent of instructor)
CLSC 4470, 4471. Clinical Microbiology II (3,2) (S) (P: CLSC 4460, 4461; or consent of instructor)
CLSC 4480, 4481. Clinical Microbiology III (2,1) (SS) (P: Consent of instructor)

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SECTION 7: ACADEMIC PROGRAMS

BIOS 1500. Introduction to Biostatistics (3) (F,S) (P: MATH 1065 or equivalent or consent of instructor)
4. Concentration areas (Choose one.): ........................................................................................................... 8-11 s.h.

Health services management:
HIMA 3000. Medical Terminology for Health Professionals (2) (F, S, SS)
HIMA 3113. Applied Medical Sciences I (3) (F) (P: BIOL 2130, 2131)
HIMA 3118. Applied Medical Sciences II (3) (S) (P: HIMA 3113)

Allied health management:
Choose 8-11 s.h. from:
HPRO 2501, 2502, 2503, 2504, 2505. Allied Health Practice (1,2,3,4,5) (F, S, SS) (P: Current and valid applicable
credential, license, or registration and consent of adviser and dept. chair)
5. Restricted electives to complete requirements for graduation. Choose from the following,
prerequisites for allied health graduate programs, or others in consultation with adviser:
ASIP 2212, 2213. Basic Programming for Business Applications (3,0) (F,S) (P: ASIP 2112 or equivalent)
ASIP 2311, 2312. Financial Information Systems (3,0) (F,S)
BIOS 5010. Epidemiology for Health Professionals (3) (P: BIOS 1500 or consent of instructor)
GERO 2400. Introduction to Gerontology (3) (GE:SO)
HIMA 4075. Biomedical Research Support (1) (S) (P: BIOS 1500; HIMA 3120)
HIMA 4165. Health Information Systems (3) (S) (P: HIMA 4160)
HSMA 4015. Health Care Records and Data: Maintenance and Analysis (3) (S) (P: HSMA 3025)
HSMA 4020. Health Care Reimbursement: Public (3) (F) (P: HSMA 3020)
HSMA 4025. Health Care Reimbursement: Private (3) (S) (P: HSMA 3020)
HSMA 4028. Health Care Reimbursement: Policy and Research (3) (S) (P: HSMA 3020)
HSMA 4056. Marketing Health Care Services (3) (S) (P: HIMA 3120; HSMA 3035; or consent of instructor)
HSMA 4070. Outcomes Assessment and Management in Health Care (3) (S) (P: HIMA 3120; HSMA 3035)
HSMA 4075. Managed Care in Health Systems (3) (S) (P: HIMA 3120; HSMA 3035)
HSMA 4081, 4082, 4083. Advanced Topics in Health Care Management and Service Delivery (1,2,3) (S) (P: HIMA 3120;
HSMA 3035; consent of instructor, adviser, or dept. chair)
Choose 19-22 s.h. from:
HPRO 2501, 2502, 2503, 2504, 2505. Allied Health Practice (1,2,3,4,5) (F, S, SS) (P: Current and valid applicable
credential, license, or registration and consent of adviser and dept. chair)

DEPARTMENT OF REHABILITATION STUDIES

Paul Alston, Chairperson, 312 Belk Building
Martha Chapin, Director, Undergraduate Rehabilitation Services

BS in Rehabilitation Services

Admission to the BS in rehabilitation services program requires a minimum cumulative 2.5 GPA and an application. Applications should be
submitted when the student is nearing completion of 42 s.h. Additional information and application for admission can be obtained from the
Department of Rehabilitation Studies. A faculty adviser will be assigned to each student admitted to the department to aid in planning an
overall program of study. Undergraduate students majoring in rehabilitation services are encouraged to minor in an established area
consistent with individual academic and career goals or to take a composite minor of structured electives approved by the faculty adviser and
department chair. Majors must earn a minimum grade of
C in all REH courses. Minimum degree requirement is 121 s.h. of credit as follows:
1. General education requirements (See Section 4, General Education Requirements for all
Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.
MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or equivalent

2. Core .......................................................................................................................................................... 48 s.h.
BIOS 1500. Introduction to Biostatistics (3) (F,S) (P: MATH 1065 or equivalent or consent of instructor) or equivalent
HLTH 3010. Health Problems I (3) (F) (P: BIOL 2130, 2131)
PSYC 2275. Psychology of Adjustment (3) (F,S)(GE:SO)

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SCHOOL OF ALLIED HEALTH SCIENCES

PSYC 4375. Abnormal Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
PSYC 5325. Introduction to Psychological Testing (3) (F,S,SS) (P: Statistics course; PSYC 1000 or 1060)
REHB 2000. Survey of Community Resources in Rehabilitation and Health Care (3) (S)
REHB 2003. Alcohol and Drug Abuse: Health and Social Problems (3) (F,S)
REHB 3010. Case Management in Rehabilitation (3) (WI) (S) (P: REHB major or consent of instructor)
REHB 4000. Interviewing Techniques for Health and Rehabilitation Settings (3) (F) (P: REHB major)
REHB 4993, 4994, 4995, 4996. Rehabilitation Services Internship (3,3,3,3) (F,S,SS) (WI*) (P: REHB major; REHB 3010, 4000; consent of instructor; 2.5 GPA)
SOCW 2010. Introduction to Social Work Practice with Special Populations (3) (F,S,SS) (P: SOCW 1010)
Choose 6 s.h. from:
REHB 5000. Introduction to Rehabilitation (3) (F,SS)
REHB 5100. Occupational Analysis and Placement (3) (F,SS) (P: for nonmajor: Consent of instructor)
REHB 5400. Introduction to Vocational Evaluation (3) (F,SS) (P: Graduate or senior standing; consent of instructor or dept chair)

3. Cognates

Biol 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
Biol 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (P/C: BIOL 2130)

4. Minor or structured electives to complete requirements for graduation.

### Alcohol and Drug Studies Minor

Shari M. Sles, Coordinator, 312 Bel k Building

A course may not count for both a major and a minor. If a course listed in the minor is used to meet a major requirement, additional minor electives must be taken. Minimum requirement for the alcohol and drug studies minor is **24 s.h.** as follows:

1. **Core** ............................................................................................................................................................................ **15 s.h.**

   PSYC 2275. Psychology of Adjustment (3) (F,S)(GE:SO)
   PSYC 4375. Abnormal Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
   REHB 2003. Alcohol and Drug Abuse: Health and Social Problems (3) (F,S)
   REHB 5793. Treatment of Alcohol and Drug Addiction (3) (S,SS) (P: REHB 2003 or consent of instructor)
   REHB 5796. Contemporary Alcohol/Drug Abuse Issues (3) (F) (P: REHB 5793)

2. **Electives (Choose from the following).** .................................................................................................................. **9 s.h.**

   ASLS 2220. Sign Language Studies I (3) (F,S,SS)
   CDFR 1103. Marriage and Family Relations (3) (F,S,SS)
   HLTH 3515. AIDS HIV Disease in Modern Society (3) (S) (P: HLTH 1000 or consent of instructor)
   HLTH 5345. Alcoholism in Health Education (3)
   PSYC 3206. Developmental Psychology (3) (WI*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
   PSYC 3300. Psychology of Personality (3) (F,S) (GE:SO)
   REHB 5000. Introduction to Rehabilitation (3)
   SOCI 2111. Modern Social Problems (3) (F,S,SS) (GE:SO) (P: SOCI 2110)
   SOCI 3220. Sociology of Deviant Behavior (3) (F,S,SS) (GE:SO) (P: SOCI 2110)

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MATE or MATH 3237. Discrete Mathematics (3) (F) (GE:MA) (P: MATH 2121)
MATE or MATH 3239. Applied Mathematics Via Modeling (3) (S) (GE:MA) (P: MATH 2122, 2282, 3166, 3237)
MATH 1077. Pre-Calculus Concepts and Relationships (3) (S) (P: MATE or MATH 1067)
MATH 2121. Calculus for the Life Science I (3) (F,S,SS) (GE:MA) (P: MATH 1065 or 1077 with a minimum grade of C)
MATH 2122. Calculus for the Life Sciences II (3) (F,S,SS) (P: MATH 2121)

**Philosophy (24 s.h.)**

PHIL 1110. Introduction to Philosophy (3) (WI*) (F,S,SS) (GE:HU)
PHIL 1175. Introduction to Ethics (3) (WI*) (F,S,SS) (GE:HU)
PHIL 1500. Introduction to Logic (3) (F,S,SS) (GE:HU) (GE:MA)
PHIL 4270. Ethics (3) (WI*) (GE:HU) (P: 6 s.h. in PHIL or consent of instructor)
Choose 12 s.h. PHIL electives above 2999

**Physics (33 s.h.)**

MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
MATH 2121. Calculus for the Life Sciences I (3) (F,S,SS) (GE:MA) (P: MATH 1065 or 1077 with a minimum grade of C)
MATH 2122. Calculus for the Life Sciences II (3) (F,S,SS) (P: MATH 2121)
PHYS 1250, 1260. General Physics (3,3) (F,S,SS) (GE:SC) (P for 1250: MATH 1065 or 1066; P for 1260: PHYS 1250)
PHYS 1251, 1261. General Physics Laboratory (1,1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350; C for 1261:
PHYS 1260 or 2260)
PHYS 2021. Experimental Physics (1) (F-04) (P: PHYS 1261, 2260)
PHYS 2250, 2260, 2270. Advanced General Physics (3,3,3) (P: MATH 1085 or 2121; P/C: MATH 2122 or 2171)
Choose 6 s.h. PHYS electives above 2999

**Political Science (24 s.h.)**

POL 1010. National Government (3) (F,S,SS) (GE:SO)
Choose 1 course in American government
Choose 1 course in comparative government and politics
Choose 1 course in international relations
Choose 1 course in political theory and methodology
Choose 9 s.h. POLS electives above 2999
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
PSYC 2101. Psychological Statistics (4) (F,S,SS) (GE:SO) (P: MATH 1065 or equivalent or MATH 2427 1066) or MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (P: MATH 1065 or equivalent)
PSYC 3206. Developmental Psychology (3) (W/F) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
PSYC 3225. Psychology of Learning (3) (F,S,SS) (GE:SO) or PSYC 3226. Human Learning and Cognition (3) (GE:SO)
PSYC 4305. Educational Psychology (3) (F,S,SS) (P: PSYC 2201 or 2240 or 3206 or 3240 or equivalent)
PSYC 4333. Contingency Management in the Classroom (3) (F,S) (P: PSYC 3225 or 3226)
PSYC 5325. Introduction to Psychological Testing (3) (P: Statistics course; PSYC 1000 or 1060)
Choose 3 s.h. PSYC electives

Reading (25 s.h.)
READ 3204. Fundamentals of Reading (3) (F,S,SS) (P: Admission to upper division and ELEM 3250)
READ 3210. Assessment, Design, and Implementation of Elementary Classroom Reading Instruction (3) (F,S,SS) (P: READ 3204 and admission to upper division)
READ 3205. Diagnostic/Prescriptive Teaching of Reading (3) (F,S,SS) (P: READ 3204; C: READ 3206)
READ 3206. Practicum in Diagnostic/Prescriptive Teaching of Reading (3) (F,S,SS) (P: READ 3204)
READ 5316. Applied Phonics (3)
READ 5317. Reading in the Junior and Senior High School (3)

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General Recital Attendance Requirement for All Majors
Each music major is required to attend at least 75 percent of the total number of general recitals offered during his or her enrollment at East Carolina University. (Music education students will be exempted during the student teaching semester.)

Piano Proficiency for All Majors
Music majors are required to complete satisfactorily the group piano sequence indicated in their concentrations or to demonstrate a comparable level of accomplishment.
Students should enroll in group piano each semester until the sequence is completed. Any student interrupting the sequence (either by dropping or by not enrolling) must retake the placement audition before enrolling in any subsequent piano course.

Applied and Core Music Regulations for Music Majors and Minors
A minimum grade of C in applied lessons on a student's major instrument will qualify as credit in the applied major guideline. The first grade lower than C must be raised the following semester according to the procedures given in the undergraduate catalog. A student will be disqualified as a music major or music minor the second time that he or she receives a grade lower than C in applied lessons on the major instrument. A minimum grade of C in core MUSC courses (1156, 1166, 1176, 1186, 1406, 2156, 2166, 2176, 2186, 2248, 2406, 2416, 3156, 3166, 3176) is required to receive credit toward the music major. To be admitted to upper division courses in all degree programs, students must pass a qualifying exam as specified in the School of Music Handbook.

BACHELOR OF MUSIC DEGREES
Majors for the bachelor of music degree are offered in music education, music therapy, performance (with concentrations in jazz studies, music theatre, organ, piano, piano pedagogy, sacred music, strings, voice, and winds or percussion), and theory/composition with concentrations in theory, traditional media composition, and electronic media composition. For admission to the upper level of the degree programs, a student must have a minimum cumulative 2.5 GPA and a minimum cumulative 2.5 GPA in music courses at the end of the sophomore year. For admission to upper division of Music Education concentrations, a student must have a minimum cumulative 2.5 GPA. For admission to upper level theory-composition concentrations, a student must have a minimum cumulative 3.0 GPA in music courses at the end of the sophomore year.

BM in Music Education
See Section 7, Degree Programs, School of Education, Licensure, for NC teacher licensure requirements. Minimum degree requirement is 128 s.h. as follows:
1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ................................................................. 42 s.h.
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 2127. Basic Concepts of Mathematics (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3206. Developmental Psychology (3) (W/F) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060) or PSYC 3240. Psychology of Adolescence (2) (F,S,SS) (GE:SO)
2. Common core ............................................................................................................................. 64 s.h.
Core MUSC courses (30 s.h.):
   MUSC 1156 (F), 1166 (S). Basic Musicianship (3,3)
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SECTION 7: ACADEMIC PROGRAMS

MUSC 1176 (F), 1186 (S). Basic Musicanship Laboratory (1,1) (C for 1186: MUSC 1166)
MUSC 1406 (S), 2406 (F), 2416 (S). Music History and Literature (3,3,2) (WI, WI, WI)
MUSC 2156 (F), 2166 (S). Basic Musicanship (3,3) (P: MUSC 1166)

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MUSC 1205. Beginning Voice Group (1) (F)
MUSC 1415. Woodwind Group (1) (F,S)
MUSC 1435. Brass Group (1) (F,S)
MUSC 1445. Percussion Group (1) (F,S)
MUSC 3697. Introduction to String Teaching (2) (P: MUSC 2115; 2315)

Major Instrument: Voice
MUSC 1105, 1115. Beginning Group Piano (1,1) (F,S)
MUSC 1415. Woodwind Group (1) (F,S)
MUSC 1435. Brass Group (1) (F,S)
MUSC 1445. Percussion Group (1) (F,S)
MUSC 2105, 2115. Intermediate Group Piano (1,1) (F,S) (P: MUSC 1115)
MUSC 2315. String Class (1) (F)

**Major Instrument: Wind or Percussion**

MUSC 1105, 1115. Beginning Group Piano (1,1) (F,S)
MUSC 1205. Beginning Voice Group (1) (F)
MUSC 1415. Woodwind Group (1) (F,S)
MUSC 1435. Brass Group (1) (F,S)
MUSC 1445. Percussion Group (1) (F,S)
MUSC 2315. String Class (1) (F)

Choose 1 s.h. MUSC elective in consultation with adviser.

**BM in Music Therapy**

Minimum degree requirement is **128 s.h.** as follows:

1. **General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below.** ........................................ 42 s.h.
   BIOL 1050, 1051. General Biology and Laboratory (3,1) (F,S,SS) (GE:SC)
   BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (GE:SC) (P: Science course)

   **Recommended:**
   ANTH 1000. Introduction to Anthropology (3) (F,S,SS) (GE:SO)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 2201. Psychology of Childhood (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060 or equivalent) or PSYC 3206. Developmental Psychology (3) (WI) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
   SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)
   or PSYC 3240. Psychology of Adolescence (3) (F,S,SS) (GE:SO)

2. **Common core .................................................................................................................. 64 s.h.**

Core MUSC courses (30 s.h.):
MUSC 1156 (F), 1166 (S). Basic Musicianship (3,3)
MUSC 1176 (F), 1186 (S). Basic Musicianship Laboratory (1,1) (C for 1186: MUSC 1166)
MUSC 1406 (S), 2406 (F), 2416 (S). Music History and Literature (3,3,2) (WI, WI, WI)
MUSC 2156 (F), 2166 (S). Basic Musicianship (3,3) (P: MUSC 1166)
MUSC 2176 (F), 2186 (S). Basic Musicianship Laboratory (1,1) (P: MUSC 1166; C for 2176: MUSC 2156; C for 2186: MUSC 2166)
MUSC 2248. Music of the World’s Peoples (2) (F,S,SS)
MUSC 3156 (F), 3166 (S). Conducting (1,1) (P: MUSC 2166, 2186)
MUSC 3176. Orchestration (2) (F,S) (P: MUSC 2166, 2186)

**Music therapy (21 s.h.):**
MUSC 2277. Orientation to Therapy (1) (S)
MUSC 2287. Orientation to Therapy Practicum (1) (S)
MUSC 3257. Music Therapy I: Introduction to Music in Therapy (3) (S) (C: MUSC 3357)
MUSC 3267. Music Therapy II: The Influence of Music on Behavior (3) (S) (P: MUSC 3257; C: MUSC 3367)
MUSC 3357. Music Therapy Practicum I (1) (F) (C: MUSC 3257)

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Eligible to apply for certification as a therapeutic recreation specialist in North Carolina and at the national level. Minimum degree requirement is **123 s.h.** of credit as follows:

1. **General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) including those listed below.** ........................................ 42 s.h.
   BIOL 1050, 1051. General Biology and Laboratory (3,1) (F,S,SS) (GE:SC), or BIOL 1100, 1101. Principles of Biology and Laboratory (3,1) (F,S,SS) (GE:SC) (PIC for 1101; BIOL 1100)
   BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
   COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 1066. Applied Mathematics for Decision Making (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test or approval of dept chair) or MATH/MATH 1067. Algebraic Concepts and Relationships (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test) or MATH 2127. Basic Concepts of Mathematics (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 2275. Psychology of Adjustment (3) (F,S) (GE:SO)
   SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

2. **Core ................................................................................................................................. 49 s.h.**
   RCLS 2000. Introduction to Leisure Services (3) (F,S,SS)
   RCLS 2230. Recreational Therapy Foundations (3) (F,S) (P: RCLS 2000 or consent of instructor.)
   RCLS 3003, 3004. Leisure Programming and Laboratory (3,1) (F,S) (P: Declared RT major, or MRFS major or minor; PIC: RCLS 2000)
RCLS 3240. Disability Survey for Recreational Therapy Services (3) (F,S) (P: BIOL 2130, 2131; RCLS 2000; or consent of instructor)
RCLS 4000. Research Methods and Techniques (3) (F,S) (P: Declared RT major or MRFS major or minor; RCLS 3003, 3004)
RCLS 4004. Philosophical and Current Issues in Leisure (3) (F,S) (WI*) (P: Declared RT major or MRFS major or minor; RCLS 3003, 3004)
RCLS 4250. Recreational Therapy Program Design (3) (F,S) (P: Declared RT major; RCLS 2230, 3003, 3004, 3240; or consent of instructor)
RCLS 4252. Recreational Therapy Leadership and Group Dynamics (3) (S) (P: Declared RT major; RCLS 2230, 3003, 3004, 3240; or consent of instructor)
RCLS 4260. Recreational Therapy Practicum (1) (F,S) (P: Declared RT major; RCLS 2230, 3003, 3004, 3240)
RCLS 4262. Recreational Therapy Interventions and Techniques (3) (F) (P: Declared RT major; RCLS 2230, 3003, 3004, 3240; or consent of instructor)
RCLS 4264. Recreational Therapy Assessment, Documentation, and Evaluation (3) (F) (P: Declared RT major; RCLS 2230, 3003, 3004, 3240; or consent of instructor)
RCLS 4266. Organization and Management of Recreational Therapy Services (3) (F,S) (P: Declared RT major; RCLS 2230, 3003, 3004, 3240; or consent of instructor)
RCLS 4902. Recreational Therapy Internship Pre-placement Seminar (2) (F,S) (P: Declared RT major; minimum cumulative 2.0 GPA; consent of RCLS adviser)
RCLS 4909. Recreation Internship (12) (WI) (F,S,SS) (P: Declared RT or MRFS major; RCLS 4902; senior standing; minimum cumulative 2.0 GPA; minimum grade of C in all RCLS courses; successful completion of all other degree requirements; current certification in first aid and CPR)

3. Cognates .................................................................................................................................................. 21 s.h.

BIOL 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (P/IC: BIOL 2130)
EXSS 5303. Physical Activity Programs for Individuals with Developmental, Emotional, and Learning Disabilities (3) (P: EXSS 3545; SPED 5101; or consent of instructor) or EXSS 5903. Physical Activity Programs for Individuals with Orthopedic, Neuromotor, and Sensory Impairments (3) (P: BIOL 2130 or equivalent or consent of instructor)
HIMA 3000. Introduction to Medical Terminology (2) (F,S,SS)
PSYC 3206. Developmental Psychology (3) (WI*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)

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1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ........................................................................... 42 s.h.
BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (GE:SC) (P: BIOL 1050, 1051; or 1100, 1101)
COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
MUSC 3018. Introduction to Basic Music Skills for Elementary School Teachers (3) (F,S,SS) (GE:FA)
PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)

2. Core ......................................................................................................................................................... 55 s.h.

CFDR 1103. Marriage and Family Relations (3) (F,S,SS)
CFDR 2000. Child Development I: Prenatal Through Early Childhood (3) (F,S,SS)
CFDR 2001. Child Development II: Middle Childhood Through Young Adulthood (3) (F,S,SS)
CFDR 2021. Introduction to Child Life (1) (S) (P: Intended Child Life major)
CFDR 3002. Child in the Family (3) (F,S,SS)
CFDR 3150. Introduction to Early Childhood Intervention (3) (F,S) (P: CFDR 2000 or 2001)
CFDR 3321. Infant and Toddler Curriculum (3) (S) (P: CFDR 3150) or CFDR 4322. Preschool Methods and Materials (3) (S) (P: CFDR 3150)
CFDR 3413. The Hospitalized Child (3) (WI) (F): Child Life major; CFDR 2000, 2001, 2021; or consent of instructor)
CFDR 4200. Development Assessment and Intervention with Young Children (3) (WI) (S) (P: CFDR 2000, 3150)
CFDR 4210. Child Life Practicum (3) (F,S,SS) (P: Child Life major; CFDR 3413)
CFDR 4203. Families and Cultural Diversity (3) (F) (P: CFDR 1103)
CFDR 4415. Child Life Internship (12) (F,S,SS) (P: CFDR 4412, 4996, 4997)
CFDR 4996, 4997. Child-Family Internship and Laboratory (3,0) (F,S,SS) (P: CFDR 1103, 2000, 3002; consent of instructor)
NUHM 1000. Contemporary Nutrition (3) (F,S,SS)
6 s.h. adviser-approved electives

3. Cognates .................................................................................................................................................. 8 s.h.

HIMA 3000. Introduction to Medical Terminology (2) (F,S,SS)
PSYC 2201. Psychology of Childhood (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060 or equivalent) or PSYC 3240. Psychology of Adolescence (3) (F,S,SS) (GE:SO)

Choose a 3 s.h. adviser-approved computer course

4. Restricted electives (Choose from the following) ...................................................................................... 9 s.h.

ANTH 3252. Medical Anthropology (3) (S) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor) or
SOCI 3327. Introductory Medical Sociology (3) (GE:SO) (P: SOCI 2110 or consent of instructor)
ART 3850. Art in the Elementary School (3) (F,S,SS) (P: Junior standing)
ASLS 2020. Sign Language Studies I (3) (F,S,SS)
CSDI 2100. Introduction to Communication Disorders (3) (F,S,SS)
CSDI 3020. Language Development (3) (F)
ENGL 4950. Literature for Children (3) (WI) (F,S,SS) (GE:HU) (P: ENGL 1200)
HLTH 2125, 2126. Safety Education and First Aid (3,0) (F,S,SS)

https://author.ecu.edu/cs-acad/fs online/cu2_052.cfm
LIBS 3200. The Art of Storytelling (3) (S)
MUSC 3028. Music Education in Elementary Grades (2) (F,S,SS) (P: MUSC 3018)
MUSC 3048. Music for Exceptional Children (2) (F,S,SS)
MUSC 3058. Music for the Preschool Child (3) (SS) (P: MUSC 3018 or consent of instructor)
MUSC 4277. Music for Group Activities (2) (F) (C: MUSC 4287)
MUSC 4287. Music for Group Activities Practicum (1) (F) (C: MUSC 4277)
PSYC 5380. Psychology of the Exceptional Child (3) (P: PSYC 1000 or 1060)
RCLS 2000. Introduction to Leisure Services (3) (F,S)
RCLS 3230. Foundations of Therapeutic Recreation (3) (F,S) (P: Declared RCLS therapeutic recreation major or minor; BIOL 2130, 2131; RCLS 2000; C: RCLS 3232)
RCLS 3232. Disability Survey for Therapeutic Recreation Services (3) (F,S) (P: Declared RCLS therapeutic recreation major or minor; BIOL 2130, 2131; RCLS 2000; C: RCLS 3230)

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3. Cognates........................................................................................................................................................................... 15 s.h.
Choose one from:
HIST 1051. American History Since 1877 (3) (WI*) (F,S) (GE:SO)
HIST 3031. Economic History of the United States Since 1865 (3) (GE:SO)
HIST 3240. The Age of Franklin Roosevelt, 1919-1945 (3) (WI*) (GE:SO)
HIST 3245. The United States Since 1945 (3) (WI*) (GE:SO)
Choose one from:
PSYC 3300. Psychology of Personality (3) (F,S) (GE:SO)
PSYC 4375. Abnormal Psychology (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)
Choose one from:
PSYC 2201. Psychology of Childhood (3) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060 or equivalent)
PSYC 3206. Developmental Psychology (3) (WI*) (F,SS) (GE:SO) (P: PSYC 1000 or 1060)
PSYC 3240. Psychology of Adolescence (3) (F,SS) (GE:SO)
Choose two from:
SOCI 2111. Modern Social Problems (3) (F,S,SS) (GE:SO) (P: SOCI 2110)
SOCI 3289. Community Organization (3) (S) (GE:SO) (P: SOCI 2110)
SOCI 4347. Social Inequality (3) (S) (GE:SO) (P: SOCI 2110)
SOCI 4350. Social Change (3) (GE:SO) (P: SOCI 2110)
4. General electives: Students will be encouraged to choose electives which will strengthen their total program.

**Additional Opportunities**

The social work major deciding to seek certification as a school social worker must be accepted into the upper division of teacher education. This should be done during the sophomore year and prior to or at the point the student is accepted as a social work major. The College of Education and the School of Social Work will maintain a record to help track the student’s completion of certification requirements. Upon completion of appropriate social work courses and education courses, the School of Social Work and the College of Education will recommend certification to the State Department of Public Instruction.

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PSYC: PSYCHOLOGY 1000. Introductory Psychology (3) (F,S,SS) (GE:SO) May receive credit for one of PSYC 1000, 1060. General survey of fundamental principles underlying human behavior. Introduction, learning, memory, development, physiological, motivation, social and abnormal behavior, and one or two additional topics as time permits.

**1060. Honors Introduction to Psychology (3) (F,S) (GE:SO)** May receive credit for one of PSYC 1000, 1060. Introduction to fundamental concepts in psychology in seminar format.

2101. Psychological Statistics (4) (F,S,SS) (GE:SO) 3 lecture and 2 lab hours per week. P: MATH 1065 or MATH 2127 1066; PSYC 1000 or 1060. Descriptive statistics. Measures of central tendency, variability, and correlation. Probability, with emphasis on sampling distributions used for prediction and hypothesis testing. Selection, computation, and interpretation of parametric and nonparametric inferential statistics, including introduction to analysis of variance.

2201. Psychology of Childhood (3) (F,S,SS) (GE:SO) May not count toward PSYC major or minor. P: PSYC 1000 or 1060. Psychological bases of growth and development of children. Brief introduction of major theories and scientific findings and their application to learning, cognitive development, motivation, personality, and social relations (including parent-child, peers, and school relations).

2210. Experimental Psychology (4) (WI) (F,S) (GE:SO) P: MATH 1065 or equivalent or MATH 2127; PSYC 2101 or equivalent. Methods of experimentation, including problems of experimental control and data evaluation.

2225. Selected Topics in Psychology (3) (GE:SO) P: PSYC 1000 or 1060. Important current developments. Topics vary according to faculty preferences.

3206. Developmental Psychology (3) (WI) (F,S,SS) (GE:SO) P: PSYC 1000 or 1060. Psychological development throughout life span. Emphasis on perceptual, cognitive, social, and personality development.

3221. Social Psychology (3) (F,S,SS) (GE:SO) P: PSYC 1000 or 1060. Interaction of individual and society. Topics include study of basic psychological factors such as perception and motivation, which shape and reflect social influence; nature, formation, and change of attitudes; attitude measurement; conformity; role expectations; leadership and dynamics.

3225. Psychology of Learning (3) (F,S,SS) (GE:SO) P: PSYC 1000 or 1060. Introductory survey of experimental methods, basic research, principles, and theories of learning and forgetting.

3226. Human Learning and Cognition (3) (F,S,SS) (GE:SO) P: PSYC 1000 or 1060. Principles of learning. Focus on human research and cognition. Topics include attention, perception, consciousness, memory, concept learning, language, symbolic behavior, and problem solving.

3240. Psychology of Adolescence (3) (F,S,SS) (GE:SO) May not count toward PSYC major or minor. P: PSYC 1000 or 1060. Nature and source of adolescent problems and behavior in Western culture in areas of physical, emotional, social, intellectual, and personality development.


3290. Comparative and Evolutionary Psychology (3) (GE:SO) P: PSYC 1000 or 1060. Examines similarities and differences among species (including humans) by relating behaviors to reproductive success and adaptation to disparate environments.

3300. Psychology of Personality (3) (F,S) (GE:SO) P: PSYC 1000 or 1060. Theories of personality. Emphasis on structure, development, and dynamics.

3310. Introduction to Neuroscience (3) (F,S,SS) (GE:SO) Same as NEUR 3310 P: PSYC 1000 or 1060. Neuroanatomy and neurophysiology and their relationship to behavior.

3311. Neuropsychology (3) (F,S) (GE:SO) P: PSYC 1000 or 1060. Clinical and cognitive neuropsychology. Basic anatomy of nervous system and neuronal physiology, cortical lesion syndromes, brain disorders affecting higher functions, and basic research on attention, laterality, language, and thought.

3314. Psychology of Religion (3) (GE:SO) P: PSYC 1000 or 1060. Effects of religious doctrine upon individual’s behavior, beliefs, values, attitudes, anxieties, and feelings of guilt.

3777. Ethnocultural Influences on the Development of the Self (3) P: PSYC 1000 or 1060. Importance of various ethnocultural factors (gender, race, age, nationality, education, occupation, religion, geographical location, family background) which impact psychological development of self.

4000. Advanced General Psychology (3) (WI) (F,S,SS) P: PSYC major; PSYC 2210; 2 courses from learning and cognition, biological bases, or general course groups. In-depth overview of psychology as a science organized around five main questions: How do humans (and, where relevant, animals) act, how do they know, how do they interact, how do they develop, and how do they differ from each other?

PSYC 4250: Advanced Topics Seminar in Psychology (3) (F, S, SS) May be repeated with change of topic for a maximum of 6 s.h. P: PSYC 2210 and consent of instructor. In depth coverage of primary research sources in a psychological topic.

4280. History of Psychology (3) (WI) P: PSYC major; PSYC 2210; 2 courses from learning and cognition, biological bases, or general course groups. Psychological thought from ancient Greek philosophers to present.

4305. Educational Psychology (3) (F,S,SS) P: PSYC 2201 or 3206 or 3240 or equivalent. Psychological principles applied to educational settings, including learning, motivation, classroom management, and psychological assessment.

4312. Laboratory Methods in Behavioral Neuroscience (3) Formerly PSYC 5312, 5313 1 lecture and 4 lab hours per week. P: PSYC 3310; 3311; or consent of instructor. Basic techniques of animal surgery, histological, examination, drug administration, and behavior testing.

4315. Neuroscience: Literature and Laboratory Experience (3) (F,S) Formerly PSYC 5315, 5316 1-hour seminar and 8 hours lab per week. May be repeated for maximum of 12 s.h. May count a maximum of 12 s.h. toward PSYC major. P: PSYC 2210; 3310 or 3311; consent of instructor. Recently published research in behavioral neuroscience and lab work on ongoing research project.

4333. Contingency Management in the Classroom (3) (F,S) P: PSYC 3225 or 3226. Application of elementary principles of learning to classroom situations.

4335. Psychology of Women (3) (GE:SO) P: PSYC 1000 or 1060. Psychological issues pertaining to women. Impact of sex and gender on cognitive and personality development, mental health, methodological issues in research, roles of women in psychology, and influence of feminist theories.

4340. Behavioral Pharmacology Seminar (3) Formerly PSYC 5320 P: PSYC 3310, 3311; or consent of instructor. Behavioral and neurophysiological effects of psychoactive drugs in experimental animals and clinical populations.

4350. Psychology of Sexual Behavior (3) P: 6 s.h. of PSYC to include PSYC 1000 or 1060. Research relating to psychological aspects of sexual behavior. Historical and cultural perspectives and conventional and unconventional sexual expression.

4372. Psychology of Thinking (3) P: PSYC 3225, 3226; or equivalent; or consent of instructor. Theory and research on complex human behavior. Focus on problem solving, conceptual behavior, memory, psycholinguistics, and creativity.


4401. Thesis Research (3) P: PSYC major; PSYC 2210; GPA above 3.00 overall and in Psychology, Research under direction of full-time faculty member leading to preparation of written senior thesis proposal.

4402. Senior Thesis/Project (3) (WI) 9 lab hours per week. P: PSYC major; PSYC 4401; 2 courses from the learning and cognition, biological bases, or general course groups; GPA above 3.00 overall and in Psychology, Design, conduct, analyze, interpret, and write up an experiment. Conducted in lab or field setting.
HEALTH AND HUMAN PERFORMANCE

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BS in Health Education and Promotion

Students entering the health education and promotion degree program choose one of three concentrations: community health, pre-health prehealth professions, or worksite health promotion. The community health concentration requires a minimum cumulative GPA of 2.5 for entry and thereafter the student must maintain a minimum 2.0 GPA in the required cognates and pass all health education core courses with a minimum grade of C. A student earning a D in any of these courses must

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petition the Department of Health Education and Promotion for probationary continuation. No student on probation may enroll for HLTH 4991, Health Education and Promotion Internship. Students entering the worksite health promotion concentration must have a minimum cumulative 2.0 GPA and a minimum 2.5 GPA calculated on four courses: PSYC 3241; FINA 2244; EHOST 3100; HLTH 2000. Students entering the pre-health prehealth professions concentration must have a minimum cumulative 2.0 GPA and a minimum 2.75 GPA calculated on the following courses: BIOL 1100, 1111; BIOL 1200, 1201; CHEM 1150, 1151; CHEM 1160, 1161. Prehealth
students must complete an interview with health education faculty. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below for all options as well as additional general education requirements for each option. ...................... 42 s.h.

All concentrations:

**BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (GE:SC)** (P: BIOL 1050, 1051; or 1100, 1101)

**HLTH 1000. Health in Modern Society (2) (F,S,SS) (GE:HU)**

**MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)**

**PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)**

Community Health:

**BIOL 1050. General Biology (3) (F,S,SS) (GE:SC)**

**BIOL 1051. General Biology Laboratory (1) (F,S,SS) (GE:SC)**

**BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (GE:SC)** (P: BIOL 1050, 1051; or 1100, 1101)

**COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)**

**SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)**

- Pre-health Professions:

**BIOL 1100, 1101. Principles of Biology and Laboratory 1 (3,1) (F,S,SS) (GE:SC) (P/C for 1101: BIOL 1100)**

**BIOL 1200, 1201. Principles of Biology and Laboratory II (3,1) (F,S,SS) (GE:SC) (P/C for 1201: BIOL 1200)**

**SOCI 2110. Introduction to Sociology (3) (F,S,SS) (GE:SO)**

Worksite Health Promotion:

**BIOL 1050. General Biology (3) (F,S,SS) (GE:SC)**

**BIOL 1051. General Biology Laboratory (1) (F,S,SS) (GE:SC)**

**BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (GE:SC)** (P: BIOL 1050, 1051; or 1100, 1101)

**PSYC 3241. Personnel and Industrial Psychology (3) (F,S,SS) (GE:SO)**

2. Common core................................................................. 3421 s.h.

**BIOL 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (P/C: BIOL 2130)**

**HLTH 2000. Introduction to Health Education (3) (F,S,SS)**

**HLTH 2125, 2126. Safety Education and First Aid (3,0) (F,S,SS)**

**HLTH 3010. Health Problems I (3) (F,S,SS) (P: BIOL 2130, 2131)**

**HLTH 3020. Health Problems II (3) (F,S,SS) (P: HLTH 3010 or consent of instructor)**

**HLTH 3030. Health Behavior (3) (WI) (F,S,SS) (P: PSYC 1000)**

**HLTH 4604. Applied Principles of Health Promotion (3) (F,S) (P: BIOL 2130, 2131; NUHM 1000 or 2105; PSYC 1000; or consent of instructor)**

**HLTH 4995. Health Education and Promotion Internship (12) (F,S,SS) (P: Completion of all other major requirements)**

**NUHM 1000. Contemporary Nutrition (3) (F,S,SS) or NUHM 2105. Nutrition (3) (F,S,SS)**

3. Concentration (Choose one option) ................................................................. 25-43 38-42 s.h.

**Community Health (27-40 s.h.):**

**BIOL 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (GE:SC) (P/C: BIOL 2130)**

**BIOS 5010. Epidemiology for Health Professionals (3)**

**EHST 2110. Introduction to Environmental Health Science (3) (F,S)**

**HLTH 2500. Peer Health I: Training (3) (F,S) (P: HLTH 1000 or HLTH 1050 or consent of instructor)**

**HLTH 3000. Theory and Practice in Community Health Education (3) (S)**

**HLTH 4605. Community Strategies for Health Education (3) (F,S,SS) (WI*) (P: HLTH 3000 or consent of instructor)**

**HLTH 4611. Planning and Evaluation of Community Health Education Programs (3) (F,S) (P: HLTH 3000, 4620, 4621)**

**HLTH 4620. Group Strategies for Community Health Education (3) (S) (P: HLTH 3000; C: HLTH 4621 or consent of instructor)**

**HLTH 4621. Group Strategies Laboratory (0) (S) (C: HLTH 4620)**

**HLTH 4991. Health Education and Promotion Internship (12) (F,S,SS) (P: Completion of all other major requirements)**

**HLTH 5002. Maternal and Child Health Education (3) (P: HLTH 3010 or consent of instructor)**

**MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (P: MATH 1065 or equivalent or approved basic statistics course)**

**PSYC 3221. Social Psychology (3) (F,S,SS) (GE:SO)**
Pre-health Professions (43 s.h.)
BIOL 1200, 1201. Principles of Biology and Laboratory II (3,1) (F,S,SS) (GE:SC) (P/C for 1201: BIOL 1200)
CHEM 1150, 1151. General Chemistry and Laboratory (3,1) (F,S,SS) (GE:SC)
CHEM 1160, 1161. General Chemistry and Laboratory II (3,1) (F,S,SS) (GE:SC)
CHEM 2750. Organic Chemistry I (3) (F,S,SS) (P: CHEM 1160, 1161)
CHEM 2760, 2762. Organic Chemistry and Laboratory II (3,2) (F,S,SS) (P: CHEM 2750)
HLTH 2800. Standard Nomenclature of Athletic Injuries (3) (F)
HLTH 3300, 3301. Introduction to Patient Education (3,0) (S)
PHYS 1250, 1251. General Physics and Laboratory (3,1) (F,S,SS) (GE:SC) (P: MATH 1065)
PHYS 1260, 1261. General Physics II and Laboratory (3,1) (F,S,SS) (GE:SC)
Choose 9 s.h. from the following:
ANTH 3252. Medical Anthropology (3) (P: ANTH 1000 or 2010 or 2200)
BIOL 2110, 2111. Fundamentals of Microbiology and Laboratory (3,1) (F,S) (P for 2110: BIOL 1050, 1061; or 1100, 1101; or equivalent; 8 s.h. CHEM; P/C for 2111: BIOL 2110)
BIOL 2300. Genetics (3)
BIOL 5800, 5821. Principles of Biochemistry and Laboratory (3,1)
BIOL 5810. Principles of Biochemistry II (3)
BIOS 1500. Introduction to Biostatistics (3) (P: MATH 1065)
BIOS 5010. Epidemiology for Health Professionals (3) (P: BIOS 1500)
CHEM 2770, 2771. Biological Chemistry and Lab (3,1) (P: CHEM 2650 or 2750)
EXSS 3805. Physiology of Exercise (3) (P: BIOL 2130, 2131)
HLTH 3515. AIDS HIV Disease in Modern Society (3)
HLTH 5310. Education for Human Sexuality (3) or HPRO 5000. Seminar in Human Sexuality Dysfunctions (3)
HLTH 5900. Stress Management (3)
HPRO 2100. Perspectives in Health Care (3)
PHIL 3281. Introduction to Philosophical Ethics in the Health Care Profession (3) (GE:HU)
SOCI 3327. Introductory Medical Sociology (3) (P: SOCI 2110) or SOCI 5200. Seminar in Sociology of Health (3) (P: SOCI 2110)

Prehealth Professions (38 - 46 s.h.)

Basic Science Requirements:
BIOS 1500. Introduction to Biostatistics (3) (F,S) (P: MATH 1065 or equivalent)
BIOL 2140/41. Human Physiology and Anatomy (3,1) (P: 1 CHEM course)
BIOL 2150/51. Human Physiology and Anatomy (3,1) (P: BIOL 2140/41)
CHEM 1150, 1151. General Chemistry and Laboratory (3,1) (F,S,SS) (GE:SC)
CHEM 1160, 1161. General Chemistry and Laboratory II (3,1) (F,S,SS) (GE:SC)
HIMA 3000. Medical Terminology for Health Professionals (2) (F,S,SS)
Choose either:
CHEM 2750, 2753. Organic Chemistry I and Laboratory (3,1) (F,S,SS) (P: CHEM 1160, 1161) and
CHEM 2760. 2763 Organic Chemistry II and Laboratory (3,1) (F,S,SS) (P: CHEM 2750) and/or
PHYS 1250, 1251. General Physics and Laboratory (3,1) (F,S,SS) (GE:SC) (P: MATH 1065) and PHYS 1260, 1261. General Physics II and Laboratory (3,1) (F,S,SS) (GE:SC)

Health Education Requirements:
HLTH 3300, 3301. Introduction to Patient Education (3,0) (P: Consent of instructor)
HLTH 4910. Clinical Internship (6) (F,S,SS) P: Completion of all major requirements or consent of program director
Choose 9 s.h. from the following:
ANTH 3252. Medical Anthropology (3) (P: ANTH 1000 or 2010 or 2200)
BIOL 2110, 2111. Fundamentals of Microbiology and Laboratory (3,1) (F,S) (P for 2110: BIOL 1050, 1051; or 1100, 1101; or equivalent; 8 s.h. CHEM; P/C for 2111: BIOL 2110)
BIOL 2300. Genetics (3) (P: 2 BIOL courses)
BIOL 5800, 5821. Principles of Biochemistry and Laboratory (3,1) (P: BIOL 3310, 3311; or consent of instructor; CHEM 2760, 2763)
BIOL 5810. Principles of Biochemistry II (3) (P: BIOL 3310, 3311; or consent of instructor; CHEM 2760, 2763)
BIOS 5010. Epidemiology for Health Professionals (3) (P: BIOS 1500 or consent of instructor)
CHEM 2770, 2771. Biological Chemistry and Lab (3,1) (P: CHEM 2650 or 2760)
EXSS 3805. Physiology of Exercise (3) (P: Health and human performance major or minor or consent of dept chair; BIOL 2130 or 2140,2141,2150,2151;EXSS 2850)
HLTH 3515. AIDS HIV Disease in Modern Society (3) (P: HLTH 1000 or HLTH 1050 or consent of instructor)
HLTH 5310. Education for Human Sexuality (3) (P: Health education major of consent of instructor)
HPRO 5000. Seminar in Human Sexual Dysfunctions (3)
HLTH 5900. Stress Management (3) (P: Undergraduate course in anatomy and physiology, graduate standing or consent of instructor)
HPRO 2100. Perspectives in Health Care (2)
PHIL 3281. Introduction to Philosophical Ethics in the Health Care Profession (3WI*) (GE:HU)
SOCI 3327. Introductory Medical Sociology (3) (GE:SO) (P: SOCI 2110 or consent of instructor)
SOCI 5200. Seminar in Sociology of Health (3) (P: SOCI 2110 or consent of instructor)

Students in the Prehealth Professions Concentration who have been accepted for admission to the Brody School of Medicine under the MD/7 Program may substitute the successful completion of the first-year medical school curriculum for HLTH 4991 (12 s.h.) and 16 s.h. of electives. HLTH 4910 (6 s.h.) and 22 s.h. of electives.

Worksite Health Promotion (25 38 s.h.):

**BIOL 2131. Survey of Human Physiology and Anatomy Laboratory (1) (F,S,SS) (GE:SC) (P/C: BIOL 2130)**
EXSS 3805. Physiology of Exercise (3) (F,S,SS) (P: BIOL 2130, 2131; health and human performance major or minor consent of dept chair)
EXSS 4806. Exercise Evaluation and Prescription (4) (WI) (F,S,SS) (P: EXSS 3805; health and human performance major or minor; or consent of chairperson)
HLTH 4200. Planning and Evaluation in Worksite Health Promotion (3) (F,S,SS) (P: Completion of core courses)
HLTH 4600. Data Analysis for Health Promotion Programming (3) (S) (C: HLTH 4700)
HLTH 4700. Practicum Seminar in Worksite Health Education (3) (S) (P: HLTH 4200)
**HLTH 4991. Health Education and Promotion Internship (12) (F,S,SS) P: Completion of all other major requirements.**
HLTH 5200. Health Education in the Workplace (3) (P: Undergraduates must have consent of instructor)

Choose 6 s.h. from:
ASIP 2112. Introduction to Information Processing Technology (3) (F,S,SS) or
DSCI 2223. Introduction to Computers (3) (F,S,SS)
EHST 3100. Injury Control (3) (S) (P: Consent of dept chair) or
ITEC 3292. Industrial Safety (3) (F,S,SS) (P: Junior standing and completion of 12 s.h. of industrial technology courses)
FINA 2244. Legal Environment of Business (3) (F,S,SS)
MGMT 3202. Fundamentals of Management (3) (F,S,SS) (P: ECON 2113)

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

Worksite Health Promotion Minor

Minimum requirement for worksite health promotion minor is 24 s.h. to be selected from:

1. Core .................................................................................................................. 21 s.h.
   HLTH 2000. Introduction to Health Education (3) (F,S,SS) (P: HLTH 1000)
   HLTH 3030. Health Behavior (3) (WI) (F,S, SS) (P: HLTH 1000, PSYC 1000)
   HLTH 4200. Planning & Evaluation in Worksite Health Promotion (3) (F,S,SS) (P: Completion of core courses)
   HLTH 4604. Principles of Health Promotion (3) (F,S) (P: BIOL 2130, 2131; NUHM 1000 or 2105; or consent of instructor)
   HLTH 5200. Health Education in the Workplace (3) (F) (P: Consent of instructor)
   EHST 3100. Injury Control (3) (S) (P: Consent of dept chair)
   EHST 3900. Introduction to Occupational Health (3) (F) (P: 6 s.h. in BIOL including BIOL 2130; 8 s.h. of general CHEM; or consent of instructor)

2. Elective options (3 hrs. required) ........................................................................ 3 s.h.
   HLTH 3010. Health Problems I (3) (F,S, SS) (P: BIOL 2130, 2131; HLTH 1000)
   HLTH 3020. Health Problems II (3) (F,S, SS) (P: HLTH 1000; HLTH 3010; or consent of instructor)
   HLTH 5900. Stress Management (3) (P: Undergraduate course in anatomy and physiology; graduate standing; or consent of instructor)
   NUHM 1000. Contemporary Nutrition (3) (F, S, SS)

Health Education and Promotion Requirements for Students Participating in MD/7 Initiative
Students pursuing a BS in Health Education and Promotion who are also participating in the MD/7 Program must meet the specified requirements for their major. In addition, the student will need to fulfill the pre-health concentration requirements of BIOL 1200/1201, CHEM 1150/1151, CHEM 1160, 1161, CHEM 2750/2751 and CHEM 2760/2763. Students in the pre-health professions concentration who have been accepted for admission to the Brody School of Medicine under the MD/7 Program may substitute the successful completion of the first-year of medical school curriculum for HLTH 4991 (12 s.h.) and 16 s.h. of electives, HLTH 4910 (6 s.h.) and 22 s.h. of electives.

Insert on p. 382 of 2004 – 2005 catalog:

4910. Prehealth Professions Internship (6) (F,S,SS) P: Completion of all major requirements or consent of program director. Supervised learning experience in an approved clinical setting.

4991. Health Education and Promotion Internship (12) (F,S,SS) P: Completion of all other major requirements. Professionally-supervised learning experience.

BS in ATHLETIC TRAINING

The athletic training degree program is a Commission on Accreditation of Allied Health Education Programs (CAAHEP) accredited undergraduate program based on a minimum of 126 s.h.: 42 hours of general education courses, 68.8 s.h. in the major area, and elective hours which can result in an approved minor or prepare one for further graduate study in an allied health profession such as physical therapy or a physician assistant program. Upon successful completion of this degree, the student will be eligible to sit for the National Athletic Trainers’ Association-Board of Certification exam. There is a strong clinical aspect of the program involving a minimum of 1000 supervised hours under a certified athletic trainer. At least one-third of these hours are in addition to regular course work. Admission to the university does not guarantee admission to the athletic training degree, as it is restricted by an imposed student-to-clinical instructor ratio. Candidates are required to submit a separate application process, and it is due July 1 prior to the fall semester you wish to begin your degree. See program web site for details. Competitive admission is based upon assessments of the applicant’s academic abilities, knowledge, dedication to the profession, and commitment to the health care of others. Eligible applicants must have a minimum cumulative and semester 2.0 GPA, completed HLTH 1800, 2810, 2811 with a minimum grade of C, current cardiopulmonary resuscitation (CPR) and first aid certification from an approved provider, successfully completed a two-semester (fall and spring, consecutively) candidacy period, passed a health screening/physical examination, a letter of formal application on file, and an interview with the athletic training faculty and staff. There are written technical standards for admission that can be found in the Athletic Training Student Handbook and the program’s web site. Athletic training students are required to earn a minimum course grade of C in all athletic training courses. A minimum semester and cumulative GPA of 2.0 must be sustained throughout the program. All students in the degree are required to maintain current CPR certification, Hepatitis B immunization (or waiver), and liability insurance for the duration of their involvement in the curriculum. Verification of CPR certification and liability insurance are required each academic year. In addition, all athletic training students must attend two-thirds of the in-service training sessions given outside of the classroom each semester. Specific requirements are stated in the Athletic Training Student Handbook. The athletic training degree requires a minimum of 1000 practical, supervised clinical hours under the direction of a certified athletic trainer. The candidacy period does not count toward the total hours required. The 1000 hours are to be achieved outside of the classroom requirements with the exception of HLTH 3200, 3400, 3860 and 4860. Transfer students must meet the above criteria. No transfer athletic training classes will be accepted, but other course work may be allowed on an individual basis. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (See Section 6, Undergraduate Studies, Requirements for Baccalaureate Degree Programs.), including those listed below ............42 s.h.
BIOL 1050. General Biology (3) (F, S, SS) (GE:SC)
BIOL 1051. General Biology Laboratory (1) (F,S,SS) (GE:SC)
HLTH 1000. Health in Modern Society (2) (F,SS,SS) (GE:HL)
MATH 1065. College Algebra (3) (F,SS,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
PHYS 1250. General Physics (3) (F,SS,SS) (GE:SC) (P: MATH 1065)
PHYS 1251. General Physics Laboratory (1) (F,SS,SS) (GE:SC) (C: PHYS 1250 or 2350)
PSYC 1000. Introductory Psychology (3) (F,SS,SS) (GE:SO)

2. Core............................................................................................................................................... 6668  s.h.
ASIP 2000. Introduction to Computer Literacy (1) (F, S, SS)
BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,SS,SS) (P: BIOL 1050, 1051; or 1100, 1101)
EXSS 1101. Physical Conditioning (1) (F, S, SS)
EXSS 2850. Structural Kinesiology (1) (F, S)
EXSS 3850. Introduction to Biomechanics (3) (F,SS,SS) (P: BIOL 2130; EXSS 2850; PHYS 1250, 1251; or consent of instructor)
EXSS 3805. Physiology of Exercise (3) (F,SS,SS) (P: BIOL 2130, 2131; health and human performance major or minor or consent of dept chair)
HLTH 1800. Orientation to Athletic Training (1) (F) (P: Admission to candidacy period of athletic training curriculum)
HLTH 2000. Introduction to Health Education (3) (F,SS,SS)
HLTH 2125, 2126. Safety Education and First Aid (3,0) (F,SS,SS)
HLTH 2800. Standard Nomenclature for Athletic Injuries (3) Medical Nomenclature for Human Performance (2) (F)
HLTH 2810. Principles of Athletic Training (3) (S) (C: Current participation in candidacy aspect of the athletic training program; first aid and CPR certification; C: HLTH 2811; RC: BIOL 2130, 2131)
HLTH 2811. Principles of Athletic Training (o) (S) (P: Current participation in candidacy period of athletic training program or consent of instructor; first-aid and CPR certification; C: HLTH 2810; RC: BIOL 2130, 2131)
HLTH 3020. Health Problems II (3) (F,SS,SS) (P: HLTH 3010 or consent of instructor)
HLTH 3200. Field Experience in Athletic Training I (1) (F) (C: Current participation in the athletic training curriculum; HLTH 3810)
HLTH 3201. Basic Rehabilitation Techniques in Athletic Training (2) (S). (P: Athletic Training major; C: HLTH 3820)
HLTH 3250, 3251. Sports Medicine Treatment Modalities (3,0) (F) (P: HLTH 3810 or consent of instructor)
HLTH 3270. Pathology & General Medicine in Sport (3) (S) (P: BIOL 2130, 2131)
HLTH 3271. Clinical Experience in Medicine (1) (F, S, SS) (P: HLTH 3200, 3270)
HLTH 3280, 3281. Therapeutic Rehabilitation in Sports Medicine (3,0) (S) (P: HLTH 3250, 3251; or consent of instructor)
HLTH 3350. Pharmacology in Sport (2) Concepts in Pharmacology (3) (F)
HLTH 3400. Clinical Experience in an Equipment Intensive Sport (2) (F, S). (C: BIOL 2130; EXSS 2805; HLTH 3810; current participation in the athletic training curriculum)
HLTH 3810. Etiology and Evaluation of the Trunk and Upper Extremity (3) (F) (P: HLTH 2810; P/C: BIOL 2130, 2131)
HLTH 3820. Etiology and Evaluation of Lower Extremity (3) (S) (P: HLTH 2810; P/C: BIOL 2130, 2131)
HLTH 3860. Sports Medicine Practicum I (3) (F) (P: Admission to the athletic training program; HLTH 3810)
HLTH 4300. Field Experience in Athletic Training II (1) (F,SS,SS) (P: HLTH 3250, 3251, 3810, 3820; C: Current participation in the athletic training curriculum)
HLTH 4320. Organization; and Administration of Sports Medicine (3) (P: HLTH 3810, 3820)
HLTH 4860. Sports Medicine Practicum II (3) (S) (P: HLTH 3860)
NUHM 2105. Nutrition (3) (F,SS,SS)
A course in research methodology/statistical design (3)

3. Minor or approved electives to complete requirements for graduation.

Insert in appropriate numerical order on pp. 379 – 380 of 2004 – 2005 catalog:

https://author.ecu.edu/cs-acad/fsonline/cu/cu2_052.cfm
2800. Medical Nomenclature for Human Performance (2) Standard Nomenclature for Human Performance (3) (F) Standard medical nomenclature of anatomical structures, body systems, and health-related pathologies, injuries and illnesses.


3350. Concepts in Pharmacology (3) Pharmacology in Sport (2) (F) general knowledge of therapeutic drug classifications, indications, contraindications, and regulations. Drug education and testing.

Insert on p. 237 of 2004 – 2005 catalog:

Exercise and Sport Science Minor

Minimum requirement for the exercise and sport science minor is 38 s.h. 24 s.h. of credit as follows:

1. Core ........................................................................................................................................... 26 s.h. 3 s.h.
   EXSS 2000. Introductory Exercise and Sport Science (3) (F,S,SS)
   EXSS 2202. Motor Learning and Performance (3) (F,S,SS)
   EXSS 2850. Structural Kinesiology (1) (F,S,SS)
   EXSS 3850. Introduction to Biomechanics (3) (F,S,SS) (P: BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850; PHYS 1250, 1251; or consent of instructor)
   EXSS 4300. Program Development and Management in Physical Education and Sports (2) (F,S,SS) (P: Upper division status; EXSS 2000 or 2323)
   EXSS 3805. Physiology of Exercise (3) (F,S,SS) (P: Health and human performance major or minor or consent of dept chair; BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850)
   HLTH 2125, 2126. Safety Education and First Aid (3.0) (F,S,SS)
   HLTH 3010. Health Problems I (3) (F,S,SS) (P: BIOL 2130, 2131)

   Choose 6 s.h. HLTH or EXSS electives

2. Electives ...................................................................................................................................... 12 s.h.  
   BIOL 1050. General Biology (3) (F,S,SS) (GE,SC)
   BIOL 1051. General Biology Laboratory (1) (F,S,SS) (GE,SC)
   BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
   CHEM 1020. General Descriptive Chemistry (4) (F,S) (GE,SC)

   2. Electives ...................................................................................................................................... 21 s.h. (must comprise at least 15 s.h. of EXSS courses)
   EXSS 2202. Motor Learning and Performance (3) (F,S,SS).
   EXSS 2850. Structural Kinesiology (1) (F,S,SS).
   EXSS 3301. Physical Education and Sport in Modern Society (3) (F,S,SS).
   EXSS 3804. Measurement of Physical Activity and Fitness (3) (F,S,SS) P: ASIP 2112 or DSCI 2223; EXSS 2000; or consent of instructor.
   EXSS 3805. Physiology of Exercise (3) (F,S,SS) P: Health and human performance major or minor or consent of dept chair; BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850.
   EXSS 3850. Introduction to Biomechanics (3) (F,S,SS) P: BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850; PHYS 1250, 1251; or consent of instructor.
   EXSS 3906. Physical Education for Special Populations (3) (WI) (F,S,SS) P: Upper-division status; EXSS 2323; SPED 2000; or consent of instructor.
   EXSS 4804. Measurement and Evaluation in Exercise and Sport Science (3) (F,S,SS) P: Upper-division status; EXSS 2323; MATH 1065; health and human performance major or minor or consent of dept chair.
   EXSS 4806. Exercise Evaluation and Prescription (4) (WI) (F,S,SS) P: Health and human performance major or minor; EXSS 3805; or consent of chair.
   EXSS 4807. Advanced Exercise Physiology (3) (F) P: EXSS 4806, CHEM 2750, 2753 (C or better), and consent of instructor.
EXSS 4808. Cardiopulmonary Physiology (3) (S) P: EXSS 4806, CHEM 2750, 2753 (C or better), and consent of instructor.
EXSS 4809. Exercise Prescription for Clinical Populations (3) (F,S,SS) P: EXSS 4806.
EXSS 4850. Exercise Leadership (3) (F,S,SS) P: EXSS 3805.
EXSS 5001. Nutrition and Exercise (3) Same as NUHM 5001. P: EXSS 3805; NUHM 2105; or consent of instructor.
EXSS 5020. Exercise Adherence (3) P: PSYC 1000; P/C: EXSS 4806; HHP major or minor or consent of instructor.
EXSS 5303. Physical Activity Programs for Individuals with Developmental, Emotional, and Learning Disabilities (3) P: EXSS 3545 or 3546; SPED 5101; or consent of instructor.
EXSS 5305. Motor Development (3) P: EXSS 2800 or equivalent or consent of instructor.
EXSS 5800. Physical Activity and Aging (3) P: GER 2400 or consent of instructor.
EXSS 5903. Physical Activity Programs with Orthopedic, Neurologic, and Sensory Impairments (3) P: BIOL 2130 or equivalent.

HLTH 2800. Standard Nomenclature of Athletic Injuries (3) (F) P: HLTH 1000.
HLTH 3010. Health Problems I (3) (F,S,SS) P: BIOL 2130, 2131; HLTH 1000 or HLTH 1050.
HLTH 3030. Health Behavior (3) (WI) (F,S,SS) P: HLTH 1000 or HLTH 1050; PSYC 1000.
HLTH 4200. Planning and Evaluation of Worksite Health Promotion (3) (F,S,SS) P: Completion of core courses in worksite health promotion.
HLTH 4604. Applied Principles of Health Promotion (3) (F,S) P: BIOL 2130, 2131; NUHM 1000 or 2105; PSYC 1000; or consent of instructor.

NUHM 3101. Clinical Nutrition for Allied Health Professions (3) (F,S).

PSYC 4333. Contingency Management in the Classroom (3) (F,S) P: PSYC 3225 or 3226.

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Insert on p. 233 – 234 of 2004 – 2005 catalog:

BS in Health Fitness Specialist
This program provides competencies and knowledge for students to develop and conduct health and fitness programs in commercial, corporate, clinical and community settings. Guidelines from the National Association for Sport and Physical Education (NASPE) and American College of Sports Medicine (ACSM), which set criteria for programs in these areas, have been employed in designing this program. A minimum cumulative 2.0 GPA is required for admission including the successful completion of the fitness requirements as specified in the advising packet. A minimum grade of C in all required EXSS courses is required to complete the degree. Minimum degree requirement is 125 s.h.of credit as follows:

1. General education requirements (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below ............ 42 s.h.
   BIOL 1050. General Biology (3) (F,S,SS) (GE:SC)
   BIOL 1051. General Biology Laboratory (1) (F,S,SS) (GE:SC)
   CHEM 1120. Basic General, Organic, and Biochemistry I (4) (F,S,SS) (GE:SC)
   COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3) (F,S,SS) (GE:FA)
   MATH 1065. College Algebra (3) (F,S,SS) (GE:MA) (P: Appropriate score on mathematics placement test)
   PSYC 1000. Introductory Psychology (3) (F,S,SS) (GE:SO)
   PSYC 3206. Developmental Psychology (3) (WI*) (F,S,SS) (GE:SO) (P: PSYC 1000 or 1060)

2. Core .................................................................................................................. 45 s.h.
   EXSS 1101. Physical Conditioning (1) (F,S,SS) (P: EXSS 1000)
   EXSS 1114. Aerobic Dance (1) (F,S,SS) (P: EXSS 1000)
   EXSS 2000. Introductory Exercise and Sport Science (3) (F,S,SS)
   EXSS 2202. Motor Learning and Performance (3) (F,S,SS)
   EXSS 2850. Structural Kinesiology (1) (F,S,SS)
   EXSS 3804. Measurement of Physical Activity and Fitness (3) (F,S,SS) (P: ASIP 2112 or DSCI 2223; EXSS 2000; or consent of instructor)
   EXSS 3805. Physiology of Exercise (3) (F,S,SS) (P: Health and human performance major or minor or consent of dept chair; BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850)
   EXSS 3850. Introduction to Biomechanics (3) (F,S,SS) (P: BIOL 2130 or BIOL 2140, 2141, 2150, 2151; EXSS 2850; PHYS 1200, 1251; or consent of instructor)
   EXSS 4806. Exercise Evaluation and Prescription (4) (WI) (F,S,SS) (P: EXSS 3805; health and human performance major or minor; or consent of dept chair)
   EXSS 4850. Exercise Leadership (3) (F,S,SS) (P: EXSS 3805)
   EXSS 5020. Exercise Adherence (3) (P: PSYC 1000; P/C: EXSS 4806; health and human performance major or minor; or consent of dept chair)
   EXSS 5800. Physical Activity and Aging (3) (P: GER 2400 or consent of instructor)
   HLTH 2125, 2126. Safety Education and First Aid (3) (F,S,SS)
   HLTH 2220, 2221. Basic Athletic Training (3) (F,S,SS)
Choose 9 s.h., from the following HLTH classes:

- HLTH 2125, 2126. Safety Education and First Aid (3) (F,S,SS)
- HLTH 2220, 2221. Basic Athletic Training (3,0) (F,S,SS) (P: HLTH 1000 C for 2220; HLTH 2221; C for 2221: HLTH 2220)
- HLTH 2800. Standard Nomenclature of Athletic Injuries (2) (F) (P: HLTH 1000)
- HLTH 3010. Health Problems I (3) (F,S, SS) (P: BIOL 2130, 2131; HLTH 1000)
- HLTH 3030. Health Behavior (3) (WI) (F,S,SS) (P: HLTH 1000; PSYC 1000)
- HLTH 3350. Pharmacology in Sport (2) (F)
- HLTH 4000. Methods of Training and Staff Development (4) (P: PSYC 3221 or consent of instructor)
- HLTH 4604. Applied Principles of Health Promotion (3) (F,S) (P: BIOL 2130, 2131; NUHM 2105; PSYC 1000; or consent of instructor)
- HLTH 5900. Stress Management (3) (S) (P: Undergraduate course in anatomy and physiology; graduate standing; or consent of instructor)

3. Cognates: 
   - ASIP 2112. Introduction to Information Processing Technology (3) (F,S,SS) or DSCI 2223. Introduction to Computers (3) (F,S,SS)
   - BIOL 2130. Survey of Human Physiology and Anatomy (4) (F,S,SS) (P: BIOL 1050, 1051; or 1100, 1101)
   - CHEM 1121. Basic General and Organic Chemistry Laboratory (1) (F,S) (GE:SC) (C: CHEM 1120)
   - GER 2400. Introduction to Gerontology (3) (GE:SO)
   - NUHM 2105. Nutrition (3) (F,S,SS)
   - PHYS 1250. General Physics (3) (F,S,SS) (GE:SC) (P: MATH 1065)
   - PHYS 1251. General Physics Laboratory (1) (F,S,SS) (GE:SC) (C for 1251: PHYS 1250 or 2350)

4. Internship: 
   - EXSS 4800. Internship in Health/Fitness Leadership (12) (F,S,SS) (P: Satisfactory completion of all other degree requirements or consent of dept chair)

5. Electives to complete requirements for graduation.

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**COASTAL & MARINE STUDIES**

**Insert on pp. 95 – 96 of 2004 – 2005 catalog**

**COASTAL AND MARINE STUDIES**

Paul Gares, Director, A-224 Brewer Building

The coastal and marine studies minor requires a minimum of 24 s.h. and is designed to provide students with an overview of coastal and marine resources. Considerable attention is devoted to the biological, physical, social, and historical aspects of coastal and marine resources. Whenever possible, information from North Carolina and other US coastal and marine environments is used to illustrate or emphasize important concepts. A maximum of 6 s.h. may be used to satisfy general education requirements and requirements for the coastal and marine studies minor. A course may not count toward the student’s major and the coastal and marine studies minor.

1. Core: 
   - COAS 2025. Survey of Coastal and Marine Resources (3) (F) (P: Basic science course in BIOL, CHEM, GEOL, or PHYS)
   - COAS 4025. Society and the Sea Seminar (3) (S) (P: COAS 2025)
   - GEOL 1550. Oceanography (4) (S) (GE:SC)

2. Electives (Choose at least 3 s.h. from 3 of the 4 areas below in consultation with the director) .... 14 s.h.
   (COAS 5001, 5002 and other courses may be counted toward the minor; however, the director must approve the course substitution.)

**Biological Science:**

- **BIOL 1010. Diversity of Coastal North Carolina (3) (F,S) (GE:SC)**
- **BIOL 1060. Environmental Biology (4) (F,S,SS) (GE:SC)**
- **BIOL 2250, 2251. Ecology and Laboratory (3,1) (P: BIOL 1100, 1101, 1200, 1201)**
- **BIOL 3230, 3231. Field Botany (4,0) (F,S,SS) (P: 3 s.h. of general BIOL with a lab)**
- **BIOL 3240, 3241. Field Zoology (4,0) (F) (P: BIOL 1060 or 2250)**
- **BIOL 3400, 3401. Biological Field Studies of the Coastal Plain (4,0) (P: 2 courses in BIOL or GEOL or consent of instructor)**
- **BIOL 3660. Introduction to Marine Biology (3) (F,S,SS) (P/C: BIOL 2250, 2251)**
BIOL 5680. Current Topics in Coastal Biology (2) (P: Consent of instructor)
BIOL 5270. Marine Community Ecology (3) (P: BIOL 2250, 2251; or consent of instructor)
BIOL 5750, 5751. Introduction to Regional Field Ecology (2,0) (WI)

Maritime History:
HIST 5505. Maritime History of the Western World to 1415 (3)
HIST 5515. Maritime History of the Western World from 1415-1815 (3) (WI*)
HIST 5520. Maritime History of the Western World Since 1815 (3)
HIST 5530. Field School in Maritime History and Underwater Research (2) (P: Consent of instructor)
HIST 5920, 5921. Techniques of Museum and Historic Site Development (3,0)

Physical Science:
GEOG 3220. Soil Properties, Surveys, and Applications (3) (F: P: GEOG 2250)
GEOG 4220. Coastal Geography (3) (WI) (S: P: GEOG 2200, 2250; or consent of instructor)
GEOG 5440. Techniques for Coastal Resource Analysis (3) (P: GEOG 3410)
GEOL 1500. Dynamic Earth (3,1) (F,S,SS) (GE:SC)
GEOL 1501. Dynamic Earth Laboratory (1) (F,S,SS) (GE:SC)
GEOL 1700. Environmental Geology (4) (F,S) (GE:SC)
GEOL 5300. Geology of Coastal Processes and Environments (3) (P: GEOL 1550, 4010, 4011; or consent of instructor)
GEOL 5350. Marine Geology (3) (P: GEOL 1550, 4010, 4011; or consent of instructor)
PHYS 1050. Physics and the Environment (4) (F,S,SS) (GE:SC)

Social Science:
ANTH 3004. Cultures of the South Pacific (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3016. Cultures of the Caribbean (3) (S) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 4260. Cultural Ecology (3) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 5065. Maritime Anthropology (3) (P: ANTH 2200 or consent of instructor)
ECON 3855. Environmental Economics (3) (GE:SO) (P: ECON 2133)
POLS 3256. The Politics of Energy and Environment (3) (F)
POLS 3257. International Environmental Policy (3)
SOCI 3410. Introduction to Maritime Sociology (3) (GE:SO) (P: ANTH 1000 or SOCI 2110)

Insert in numerical order on pp. 322 of 2004 – 2005 catalog

4000. Scientific Diving and Underwater Research Techniques (3) (F, S) P: Basic SCUBA certification (or equivalent) and consent of instructor. Fundamentals of scientific diving, including the use of Nitrox, specialized diving equipment, emergency procedures, sampling techniques, and the history and policies related to scientific diving. Fee required.

4001. Scientific Diving and Underwater Research Techniques Lab (1) (S) 2 pool hours per week. P: Basic SCUBA certification (or equivalent) and consent of instructor. P/C: COAS 4000. Required confined water training for scientific diver certification.

4002. Scientific Diver Qualification (1) (SS) P: Basic SCUBA certification (or equivalent), COAS 4000, 4001 (or equivalent), and consent of instructor. Required openwater training for scientific diver certification. Successful completion of this qualification, associated course and lab may be used to meet American Academy of Underwater Sciences (AAUS) and ECU scientific diver certification requirements.

Catalog minutes submitted by E. Arnold