2006 - 2007
Graduate Catalog

Southern Connecticut State University
A CAMPUS OF THE CONNECTICUT STATE UNIVERSITY SYSTEM

SCHOOL OF GRADUATE STUDIES

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School of Graduate Studies Home Page: www.gradstudies.SouthernCT.edu
THE CONNECTICUT STATE UNIVERSITY SYSTEM

Central Connecticut State University, New Britain
Eastern Connecticut State University, Willimantic
Southern Connecticut State University, New Haven
Western Connecticut State University, Danbury

The Connecticut State University System reaches throughout the state with campuses in four regional centers: Central Connecticut State University in New Britain, Eastern Connecticut State University in Willimantic, Southern Connecticut State University in New Haven, and Western Connecticut State University in Danbury. It enrolls more than 35,000 students who are taught by approximately 1,100 full-time faculty.

Origins of the Connecticut State University System date back to 1849, with the founding of a school in New Britain for teachers. During their distinguished history, the campuses have evolved from normal schools to teachers colleges to multipurpose state colleges and, finally, to universities. Today, after a century and a half of growth and development, the four campuses of the Connecticut State University System are thoroughly diversified institutions. Among their alumni are physicians, teachers, lawyers, dentists, nurses, clergy, business people, journalists, scholars, librarians, artists, and a host of other professionals. The graduates of the Connecticut State University System contribute to all aspects of Connecticut’s economic, social, and cultural life.

The governance of the Connecticut State University System is the responsibility of an 18-member Board of Trustees. Fourteen of the trustees are appointed by the Governor, and four are students elected to the board by their classmates. The Chancellor of the Connecticut State University System is responsible for the administration of the system. Each campus operates with a considerable measure of autonomy and functions under the leadership of a president.

BOARD OF TRUSTEES FOR THE CONNECTICUT STATE UNIVERSITY SYSTEM

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Karl J. Krapek, Vice Chairman __________________________________ Avon
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Estela R. Lopez ____________ Vice Chancellor
Yvette Melendez Thiesfield ____________ Chief Administrative Officer
Pamela J. Kedderis ____________ Chief Financial Officer
Ann Agee ____________ Chief Information Officer
Graduate Administration

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Provost/Vice President for Academic Affairs ____________ Selase W. Williams
Executive Vice President, Finance and Administration ________ James E. Blake
Vice President, Student & University Affairs ______________ Ronald D. Herron
Vice President, Institutional Advancement ________________ Megan A. Rock
Associate Vice President for Academic Affairs ______________ Ellen R. Beatty
Dean, School of Arts & Sciences __________________________ Donna Jean Fredeen
Dean, School of Business ________________________________ To Be Announced
Dean, School of Communication, Information & Library Science __ Edward C. Harris
Interim Dean, School of Education ________________________ James M. Granfield
Dean, School of Graduate Studies ________________________ Sandra C. Holley
Interim Dean, School of Health and Human Services __________ George A. Appleby
Dean, Student Affairs _________________________________ Richard V. Farricielli
Associate Dean, Graduate Studies ________________________ Roseann P. Diana
Assistant Dean, Graduate Studies __________________________ Lisa A. Galvin
Director, Counseling Services ____________________________ David J. Denino
Director, Financial Aid _________________________________ Avon L. Dennis
Interim Director, Library Services __________________________ Edward C. Harris
Interim Director, Public Safety ___________________________ James A. Dixon
Interim Director, Residence Life __________________________ Christopher Piscitelli
Director, Student Supportive Services _____________________ James W. Barber
Director, Student Teaching ______________________________ Kathleen E. Mauro
Director, University Student Center ________________________ Brad Crerar
Bursar _________________________________________ Michael Roshka
Registrar ________________________________________ Lynn Kohrn
Coordinator, Disability Resources Office _________________ Suzanne Tucker
International Student Adviser _____________________________ Aliya S. Amin
## Graduate Program Offerings

Programs of study leading to master’s degrees and/or sixth year professional diplomas are offered in the following fields:

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Southern Connecticut State University reserves the right to make any changes deemed necessary, without prior notice, to the rules governing admission, tuition, fees, courses, granting of degrees, or any other regulations. Every effort has been made to ensure the accuracy of the information in this catalog at the time of publication; however, the University cannot be held responsible for typographical errors or omissions.
Graduate Calendar

2006 FALL SEMESTER

August 28, Monday ______________________________________  Academic Year Begins
August 28, Monday ______________________________________  New Graduate Student Orientation
September 4, Monday _____________________________________  Labor Day, State Holiday, No Classes
September 6, Wednesday ___________________________________ Classes Begin, 8 a.m.
October 30, Saturday ______________________________________ Midterm
October 26, Thursday ______________________________________ Graduate Open House
November 22 - 26, Wednesday-Sunday ______________________ Thanksgiving Recess
November 27, Monday _____________________________________ Classes Resume, 8 a.m.
December 16, Saturday _____________________________________ Classes End, 6 p.m.
December 18 - 23, Monday-Saturday _________________________ Final Examinations

2007 SPRING SEMESTER

January 15, Monday ______________________________________  Martin Luther King Day, Closed
January 16, Tuesday ______________________________________  Spring Semester Begins
January 22, Monday ______________________________________  Classes Begin, 8 a.m.
February 16-19, Friday-Monday ____________________________ Presidents’ Weekend Recess, No Classes
February 20, Tuesday _____________________________________ Classes Resume, 8 a.m.
March 10, Saturday ______________________________________  Midterm
March 17, Saturday ______________________________________  Spring Recess Begins at 6 p.m.
March 26, Monday ______________________________________  Classes Resume, 8 a.m.
April 6-7, Friday-Saturday _________________________________ State Holiday, No Classes
April 19, Thursday ________________________________________ Graduate Open House
May 3, Thursday _________________________________________ Graduate Research Symposium
May 10-11, Thursday-Friday ________________________________ Reading/Make-Up Days
May 12, Saturday _________________________________________ Classes End, 6 p.m.
May 14 - 19, Monday-Saturday ______________________________ Final Examinations
May 24, Thursday ________________________________________ Graduate Commencement
May 28, Monday _________________________________________ Memorial Day, Closed
May 31, Thursday ________________________________________ Academic Year Ends
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General Information

SOUTHERN CONNECTICUT STATE UNIVERSITY
Southern Connecticut State University, a comprehensive, metropolitan, public university, was founded in 1893 as the New Haven Normal School. Today, Southern is a fully accredited institution of higher education authorized by the Connecticut General Assembly to offer courses and programs leading to bachelor’s and master’s degrees in the arts and sciences and in various professional fields. Southern also offers a sixth year diploma in several specialized areas. In 2002, Southern was approved to offer the doctorate in education degree (Ed.D.).

Located in New Haven, Southern functions first as a regional institution involved in the economic and social development of the southern part of the state, offering quality academic offerings, public service efforts, continuing education programs, research and grant projects, and cooperative community projects. The institution serves the entire state by providing educational activities and programs for all citizens of Connecticut.

THE CONNECTICUT STATE UNIVERSITY SYSTEM
Southern is a campus of the Connecticut State University (CSU) system and governed by CSU’s Board of Trustees. Other campuses of CSU are Central Connecticut State University at New Britain, Eastern Connecticut State University at Willimantic, and Western Connecticut State University at Danbury.

GENERAL REGULATIONS
Southern Connecticut State University provides an equal opportunity for higher education for all qualified students. The University affirms the basic right of all members of the University community to free inquiry, responsible discussion, and the uninterrupted pursuit of all activities normally associated with the operation of Southern Connecticut State University.

Detailed University regulations are printed in a number of University publications that supplement this catalog, e.g., the “Student Handbook,” Southern News (the student newspaper), the “Schedule of Classes,” and bulletins distributed by administrative offices. Students who ignore these public announcements or who fail to act in accordance with them are liable to appropriate penalties, such as extra fees, fines, disciplinary probation, suspension, or expulsion from the University.

The Student Bill of Rights and the Student Code of Conduct are printed in the “Student Handbook” (available in the Office of Student Affairs) to help students understand their rights and responsibilities as members of the University community. The Student Code of Conduct does not replace or relieve the requirements of civil or criminal laws.

All students are expected to maintain acceptable standards of conduct while on the University campus, on property controlled by the University or University affiliates, and in connection with off-campus University activities.
The Connecticut State University System has certain self-defining institutional values. Principal among these is respect for the dignity, rights, and individuality of each member of our University community. All members of our University community are expected to govern their social and academic interactions with tolerance and mutual respect.

All members of the University community must carry on their person an official University identification card, and must present it on request by a University official or Campus Police officer. Those who cannot produce University identification cards on request may be asked to substantiate their reason for being on campus. Any person not a member of the University student body, faculty, or staff who participates in behavior contributing to the disruption or obstruction of the activities and operation of the University may be subject to exclusion from the campus and/or to civil arrest. All University regulations apply to part-time as well as full-time students, faculty, and staff. All others also are expected to abide by all University regulations. Please refer to the Student Code of Conduct in the Southern Connecticut State University “Student Handbook” for further information.

PURPOSE AND NATURE OF GRADUATE STUDY
The purpose of graduate studies is to provide for advanced and specialized learning under the direction of scholars and practitioners in full command of their disciplines. Concentrated, in-depth, graduate study not only provides the trained manpower for society’s special needs but contributes to the essential knowledge base for addressing and solving society’s problems. Graduate study is also a commitment to intellectual freedom, to personal integrity, and to respect for the freedom and integrity of others. The University strives to maintain a high standard of excellence in its programs and seeks to instill in its students a desire for continuing self education and self development. Each school of the University has developed its graduate programs in accordance with the highest national standards of their respective fields. Graduate programs are designed to develop the depth of education, the sensibilities, the skills, and the creative independence that prepare graduates to practice and contribute to their profession. This is accomplished by requiring students to demonstrate an understanding of specified subject matter areas, apply the theory and methodology of their fields, use appropriate bibliographic techniques, and be aware of the role of research and methods by which research is conducted.

UNIVERSITY MISSION STATEMENT
The mission of Southern Connecticut State University is to enhance its position as the preeminent comprehensive metropolitan public university of the State of Connecticut. As a learning community grounded in the values of liberal education, Southern Connecticut State University is committed to students distinguished by their intellectual competencies, their skills for flexible adaptation to global change, and their habits of cultural enrichment for life-long inquiry. As the lead institution for advanced study in the CSU system, Southern Connecticut State University is committed to the professional preparation of graduate learners for success in their careers and in service to their communities, including applied doctoral programs consistent with its historical mission. As an academic environment, Southern Connecticut State University is committed to innovative teaching strategies and to scholarship and creative activity that produces knowledge, refreshes faculty expertise, and amplifies teaching effectiveness.
SCHOOL OF GRADUATE STUDIES MISSION STATEMENT
The mission of the School of Graduate Studies is to articulate and promote a vision of academic excellence for all post-baccalaureate education at Southern Connecticut State University through the highest quality of teaching, research, and service. Our mission is consonant with the mission and strategic objectives of the University as stated in its Strategic Plan. Specifically, the School of Graduate Studies seeks:

• To articulate a vision of excellence for the graduate community of scholars, researchers, and students
• To provide quality control over all aspects of graduate education
• To maintain equity across all academic disciplines
• To serve as a strong advocate for all aspects of graduate education

ADMINISTRATION
The Dean of the School of Graduate Studies has primary responsibility for administering the policies and procedures relating to graduate study at the University. Graduate School policy is made by the Graduate Faculty, acting through its representative body, the Graduate Council. Although the Graduate Dean and the Graduate Council exercise general responsibility for the development and recommendation of policies, procedures, requirements and standards of graduate study, the operation of individual programs and the advisement of students are the primary responsibilities of the respective academic and professional departments and schools.

The School of Graduate Studies is a member of the Council of Graduate Schools, the Northeastern Association of Graduate Schools, and the National Association of Graduate Admissions Professionals.

ACCREDITATION
Southern Connecticut State University is a fully accredited institution, having met the standards of the Connecticut Board of Governors for Higher Education and the Connecticut State Board of Education. Its continuing membership in the New England Association of Schools and Colleges, one of six regional accrediting associations in the United States, indicates that the University has been evaluated carefully and found to meet standards agreed upon by qualified educators.

The University is also accredited by the American Library Association; the American Counseling Association’s Council on the Accreditation of Counseling and Related Educational Programs (CACREP); the American Chemical Society; the Commission on Collegiate Nursing Education; the Commission on Accreditation for Marriage and Family Therapy Education; the Council on Academic Accreditation of the American Speech-Language-Hearing Association (ASHA); the Council on Social Work Education; the Council on Education for Public Health; the National Council for Accreditation of Teacher Education (NCATE); the Commission on Accreditation of Allied Health Professions; and the National Association of School Psychology.

NON-DISCRIMINATION POLICY
Southern Connecticut State University does not discriminate on the basis of race, national origin, age, sex, religion, disability, or sexual orientation in admission to, access to, treatment in, or employment in its programs and activities.

Inquiries regarding the university’s compliance with state and federal laws regarding discrimination may be directed to the Office of Diversity and Equity Programs, (203) 392-5899 at Southern Connecticut State University; the Commission on Human Rights
and Opportunities, 21 Grand Street, Hartford, CT 06106; or the Office of Civil Rights, United States Department of Education, Region I, John W. McCormack Post Office and Courthouse, Room 222, Post Office Square, Boston, MA 02109.

HUMAN RESEARCH PROTECTION PROGRAM (HRPP)

The university requires integrity, and ethical and moral conduct in all research performed by its faculty, students and staff. The HRPP is responsible for safeguarding the rights and welfare of human participants in research and assures appropriate conformity with both university and federal mandates for project design and investigator behavior. Investigators engaging in human participant research, must submit a project proposal to the HRPP Institutional Review Board (IRB), where it will be examined for requisite compliance and assigned a disposition. Recruitment of human participants for research cannot proceed without IRB approval or exemption. Information regarding the HRPP and the IRB, and interactive forms for proposal submission may be found at: http://www.southernct.edu/departments/graduatestudies/rsirb.php3.

GRADUATE FACULTY

The University’s most distinctive feature is its faculty. Prepared in recognized universities in the United States and throughout the world, each faculty member is selected on the basis of scholarly competence in a specialized field. In those academic areas where the doctorate is generally considered a meaningful requisite to competent performance, faculty members are expected to attain this highest degree to be retained or promoted in their position. Textbooks, professional journal articles, and other scholarly publications written by Southern faculty members are found in colleges and libraries throughout the United States and around the world. Through participation in scholastic societies and educational organizations as officers and presenters at conferences, these scholar-teachers have brought distinction to the University and inspiration to their students.

THE CAMPUS

Southern’s 168-acre campus consists of a variety of buildings and recreational and learning centers including the following:

• Buley Library — Hilton C. Buley Library is the center of learning activity on campus. The library currently holds more than 460,000 bound volumes, 6,000 non-print media, and 100,000 microfilm volume-equivalent items. Current subscriptions include 2,000 print periodical titles and over one hundred web-based indexes and databases, including more than 18,000 full-text electronic journal titles. The Buley Library building also houses the academic computing labs; the School of Communication, Information and Library Science; and the Department of Information and Library Science.

• Connecticut Hall — Connecticut Hall, the campus’ modern, main contract food service facility, is equipped to prepare quality meals daily.

• Davis Hall — Dorothy Davis Hall is a comprehensive facility which houses the School of Education, including the Departments of Elementary Education, Special Education, and Counseling and School Psychology. It also houses the Departments of Communication Disorders and Marriage and Family Therapy in the School of Health and Human Services. Combined diagnostic and treatment areas composed of 12 therapy rooms for individual and small-group sessions, each with closed-circuit television, a two-way auditory communication system, and one-way vision mirrors for observation are located in Davis Hall. There are two specially-designed classrooms for large group therapy sessions and for working with the hearing impaired. The
General Information

auddology and speech science suites are equipped with three soundproof rooms for testing and research. The upper levels include classrooms, two lecture halls, conference rooms, seminar rooms, and a complete language laboratory facility.

• Dow Field — This multipurpose athletic facility is the first full-size, artificially surfaced field in Connecticut, accommodating football, soccer, field hockey, and track as well as physical education classes, recreational activities, and intramurals. The lighted outdoor complex seats 6,000 and has a synthetic playing surface and track.

• Earl Hall — Ralph Earl Hall provides outstanding instructional facilities for the fine arts. Studios are specially equipped for drawing, painting, ceramics, sculpture, photography, graphic arts, metal working, crafts, and design. A music center consists of a large choral room with a stereophonic sound system, a band and instrumental music unit with practice rooms, a music library, and a music listening laboratory.

• Engleman Hall — Finis E. Engleman Hall, currently undergoing major renovation, houses the departments of English, Psychology, Mathematics and Foreign Languages and has laboratory facilities for foreign languages and psychology, as well as general multipurpose classrooms. In addition, Engleman Hall houses the majority of the university's administrative offices and thus is often called the Administration Building.

• Granoff Student Health Center — The Granoff Student Health Center on the West Campus is a modern, one-story facility, located in the residence complex off Wintergreen Avenue. The building is divided by two long corridors, off which are various labs and treatment rooms. It contains diagnostic, treatment, and psychiatric areas, as well as staff and administrative offices. The Campus Police Office is also located in the Granoff Center.

• Jennings Hall — Manson Van B. Jennings Hall houses the departments of Biology, Chemistry, Nursing and Physics. Providing more than 92,000 square feet of usable space, Jennings Hall has 66 laboratories, a large amphitheater, a library, and classrooms. The University's Academic Computer Center also is in Jennings Hall.

• Lyman Center for the Performing Arts — John Lyman Center features a 3/4 thrust stage as the focal point for its 1,568-seat theater. Semicircular in design, Lyman Center provides the setting for both University and public entertainment, as well as for meetings, conferences, and cultural activities. Robert Kendall Drama Lab serves as the center for the Theatre Department’s instructional program and offers an excellent space for experimental plays and other events.

• Moore Fieldhouse and Pelz Gymnasium — These two major sites offer facilities for preparing students specializing in health, physical education, and recreation. Both buildings also provide the setting for comprehensive programs in intercollegiate and intramural athletics. James Moore Fieldhouse features a large gymnasium surrounded by a 220-yard track. Areas are set aside for basketball and gymnastics, and a third multipurpose area is used for activities such as badminton, tennis, track and field, volleyball, and indoor baseball and golf practice. Adjoining the fieldhouse is an eight-lane swimming pool, which also can be used for water polo. Other major facilities in the fieldhouse are a physiological development laboratory and a wrestling room. Irma Pelz Gym houses a general purpose gymnasium, a specially equipped gymnasium for gymnastics, and a six-lane swimming pool. Classrooms for instruction in health, physical education, and recreation are located in both facilities.

• Morrill Hall — Arthur Morrill Hall houses general classrooms and laboratories. The Departments of Geography, Environmental and Science Education, and Computer Science as well as laboratories and two lecture halls occupy the first floor. The second floor provides offices, special laboratories and classrooms for geology, meteorology, oceanography, astronomy and environmental and earth science. In addition, the
General Information

building houses a planetarium and an astrodome observatory.

• Orlando Public Health Building — The Rocco Orlando Public Health Building houses the Public Health department faculty offices.

• Michael J. Adanti University Student Center — The Michael J. Adanti Student Center is a 125,000 square foot, modern multi-purpose facility that stands at it's new location on the corner of Crescent and Fitch streets. The Student Center provides educational, cultural, social, and recreational programs that complement education outside the classroom. The new Center houses a state of the art fitness center, fireplace lounge, ballroom, copy center, hair salon, Barnes and Noble college bookstore, coffee house and three dining establishments. The Center has multiple lounges, meeting rooms, a gameroom, a 200-seat movie theatre, campus police office, computer labs, as well as club and organization office space. In addition, the Adanti Student Center offers a resource/information center as well as access to e-mail terminals, wireless services, and a computer loan program to commuter students. For more information please call (203) 392-5500.

• Wintergreen Building — The Wintergreen Building houses student enrollment services, including the Registrar, Bursar, Financial Aid, Extended Learning, and Academic Advisement. It also houses many of the University's administrative offices.

STUDENT SERVICES / SPECIAL FACILITIES

• Academic Computer Center — The Academic Computer Center supports all computing related to SCSU course work. Offices are located in Buley Library, with the primary computer labs operating in both Buley and Jennings Hall. The equipment consists of up-to-date PCs and Macintosh computers loaded with current versions of popular software. In Jennings Hall, Room 130, there are 101 networked Dell PCs running Windows 2000, three Hewlett Packard LaserJet printers, four Hewlett Packard ScanJet scanners, and one Hewlett Packard Color Laserjet printer. The hours of operation during the fall and spring semesters are Monday through Saturday from 8:10 a.m. until 10:05 p.m. and on Sunday from 12:10 p.m. until 8:45 p.m.

Buley Library, Room 309, houses 49 networked Macintosh computers, running MacOS-10, one Dell PC, two Hewlett Packard LaserJet printers, and two Hewlett Packard ScanJet Scanners. Buley Library, Room 314, has 17 networked PowerMac G4s running MacOS-10, 26 networked Dell PCs running Windows 2000, two Hewlett Packard LaserJet printers, two Hewlett Packard ScanJet scanners, one Hewlett Packard Color LaserJet printer, and one UNIX workstation. Hours of operation for both Buley 309 and Buley 314 are Monday through Thursday, 8:00 a.m. to 11:00 p.m.; Friday, 8:00 a.m. to 4:30 p.m.; Saturday, 9:00 a.m. to 5:00 p.m.; and Sunday, 1:00 p.m. to 9:00 p.m. Support staff is available in each facility during operating hours. All currently registered students are permitted to use these facilities upon presentation of a valid SCSU identification card. Director: Joseph M. Brignola, Buley Library, room 301. Telephone: (203) 392-6444.

• Center for Adaptive Technology — The Center for Adaptive Technology (CAT) helps students with disabilities gain access to the same technology other students use to achieve their educational goals. The CAT assesses students' technology needs and trains them to use adaptive hardware and software. Students may then use this technology at the CAT or in other locations on campus. The CAT also arranges for accommodations when access is needed for courses requiring the use of technology in the classroom. The CAT, located in Engleman Hall, room B-17, is open Monday through Friday. CAT Coordinator: Bogdan Zamfir. Telephone: (203) 392-5799.

• Day Care Services — Students may apply for a partial subsidy for child day care costs during the fall and spring academic semesters if their 3-to-5 year old child is enrolled
General Information

at A Step Ahead Preschool, located at 357 Pine Rock Avenue in Hamden, which is within walking distance of the campus. For information regarding services, rates, and registration forms, call (203) 389-5609; for an application for a partial day care subsidy, call the SCSU Women's Center, (203) 392-6946. Day care services are also available at the Early Learning Center, Gateway Community & Technical College, Long Wharf Drive in New Haven. SCSU students pay the same discounted rate as GCTC students. For information, call (203) 285-2131. For children under 3 years of age, call the Connecticut Care Infoline at 1-800-203-1234.

• Center for Career Services — The Center for Career Services offers comprehensive career resources for all students and alumni. Innovative programs are offered that enable students to explore, define, prepare for, and realize their career objectives. Job opportunities are available to students for full-time and part-time positions during their college tenure. All on-campus student employment is coordinated through the Center for Career Services. National and regional employers representing all fields actively recruit students through the Center's On/Off Campus Interview Program. Career development programs include career counseling, individual consultation regarding career options, resume writing, cover letters, and job search strategies with professional staff; workshops on all career related topics; and Speakers Bureau with speakers from various businesses and organizations discussing their career fields, occupations, industries, and career opportunities. Career fairs are held in the fall and spring and attract more than 140 employers from all fields seeking students and graduates for full-time, part-time, and internship positions.

The Career Resource Computer Lab offers comprehensive technical resources to all students for resume creation, career exploration, company information, and job search via the Internet. For additional information, visit the Career Services website at www.careers.southernct.edu. Director: Marguerite Fadden, Schwartz Hall, Room 102. Telephone: (203) 392-6536.

• Center for Communication Disorders — The Center, located in the lower level of Davis Hall, provides extensive facilities for clinical experience in audiology and speech-language pathology. It contains sound-treated rooms and electro-acoustic equipment for the testing of hearing, fitting of hearing aids, auditory training, and experimental phonetics; a variety of speech and voice instrumentation; and specially equipped rooms for providing services to people with communication disorders. A major aspect of the clinic is its work with children, infancy through adolescence, and adults who have communication problems. The Center is staffed by faculty and clinical supervisors from the Department of Communication Disorders. All are certified by the American Speech-Language-Hearing Association in speech-language pathology or audiology. Faculty and clinical supervisors are responsible for the supervision of evaluation and treatment services that are provided by graduate students in the department. Director: Kevin McNamara, Davis Hall, Room 012A. Telephone: (203) 392-5955.

• Counseling Services — This center is available to provide personal, academic, and career counseling for students enrolled at the University. The professionally trained counselors are experienced in working with a wide variety of student concerns through individual and group counseling, testing, programs, workshops, and referral to additional services on and off campus. All activities of the center are conducted in accordance with professional ethics, and all communications made to a counselor are confidential except as limited by law. Director: David J. Denino, Engleman Hall B-219. Telephone: (203) 392-5475.

• Disability Resource Center — SCSU is committed to the full inclusion and equal educational opportunity for all students with disabilities. The Disability Resource
Center (DRC) is located in EN B222 and provides services and support that promote educational equity for students with disabilities. Assistance includes arranging accommodations and auxiliary aids necessary for students with disabilities to pursue their academic careers, both in and outside of the classroom.

The DRC serves all students with documented disabilities that substantially impact them in educational settings. Students with documented disabilities, visible or hidden, qualify for services. Categories of disability include, but are not limited to the following: mobility/orthopedic disabilities; learning disabilities; attention deficit disorders; vision and hearing impairments; acquired head injuries; psychological disabilities; and chronic health-related disabilities.

DRC services include: arranging for course and testing accommodations; accessibility information; arranging for sign language interpreters, readers and/or note-takers; help with recruitment of personal assistants; development of compensatory skills, such as time management, organization and study skills; access to assistive technology, distance learning and alternate formats; self-advocacy and self determination information and training; and short term loan of equipment.

Students interested in obtaining more information should contact the DRC by stopping by or calling (203) 392-6828, 392-6131 TTY, 392-6829 FAX or visit our website at: www.southernct.edu/departments/drc.

Please note that only one classroom on-campus is inaccessible to persons with mobility limitations. If a course is scheduled in Davis Hall, room 102, students are urged to inform the DRC as soon as possible to ensure relocating the class to an accessible location by the start of the semester.

Coordinator: Suzanne Tucker, Engleman Hall, room B-222A. Telephone: (203) 392-6828 (Voice), (203) 392-6131 (TTY).

• Granoff Student Health Center — The Granoff Student Health Center is located in Granoff Hall on Wintergreen Avenue in a building that it shares with University Police. A physician, nurse practitioners, and nurses are available Monday through Friday according to schedules available at the Health Services Office. The Health Services telephone number is (203) 392-6300. In the event of an emergency, anyone unable to reach Health Services at this number should call University Police at (203) 392-5375. Changes in staffing and hours may occur without notice.

Full-time graduate students must have properly completed health forms (questionnaire and physical examination) on file at Granoff Student Health Services to be eligible for campus health services. The SCSU Immunization form must be signed by a healthcare provider confirming the student's record of immunizations and then submitted to the University Health Services Office before a student registers for class. Verification of immunizations may also be available from the high school attended or from the Board of Education. The University also urges all non-matriculating students to provide proof of immunization against measles (rubeola) and German measles (rubella) before registering for courses.

All matriculated graduate students (full and part-time) must show proof of adequate immunization* against measles (rubeola) and German measles (rubella). Such proof must be signed by a healthcare provider. The only exceptions are the following:

1. those born prior to January 1, 1957 (where applicable);
2. those with a valid medical exemption signed by a physician;
3. those who provide documented laboratory proof of immunity to both measles and German measles;
4. those who provide a statement from a member of the clergy that immunization is
contrary to their religious belief;

5. those graduated from a Connecticut high school in 1999 or later;

6. those who are enrolled exclusively in a program for which students do not congregate on campus for classes or to participate in institutional-sponsored events, such as students enrolled in distance learning programs or programs conducted entirely through electronic media in a setting without other students present.

*Adequate immunization: Measles (rubeola) — one injection at 12 months of age or older and on or after January 1, 1969, and a second injection after January 1, 1980. German measles (rubella) — one injection after 12 months of age.

Connecticut state statutes also require that all students living in campus housing must be vaccinated against meningitis. On-campus students must submit documentation from their healthcare provider of the meningitis immunization to University Health Services prior to moving into campus residence facilities.

The University reserves the right to deny registration and campus housing to any student not in compliance with the stated health requirements.

Accident insurance protection is part of the General Fee paid by all full-time students. In addition to the accident coverage, the University also requires a sickness insurance plan to cover some surgical expenses and hospitalization costs. Full-time students will be automatically enrolled in and billed for the sickness insurance plan unless they waive the insurance on-line at www.chickering.com for additional information. Details of both plans are in a brochure distributed by the University to each student or on-line at www.chickering.com. In the event of accident or sickness, students can obtain a medical claim form from Student Health Services or on-line at www.chickering.com. Students are advised to consult the health insurance brochure available from Student Health Services or www.chickering.com for additional information.

• International Students — The International Student Adviser’s Office serves as a center for promoting international friendship and understanding by welcoming and assisting students from all countries. It deals with questions pertaining to visas, employment, immigration, and related matters. International students are encouraged to call this office for other information, for answers to questions relating to their studies or everyday living, or for sociability. They are referred to other academic and personnel offices as necessary. Interaction with American students is greatly encouraged for mutual benefit and student organizations welcome international members.

International students are required to provide, upon arrival at the campus, passport and other information to the International Student Adviser. Adviser: Aliya Amin, International Student Services, Engleman Hall, Room B 116. Telephone: (203) 392-6821, FAX: 203-392-8846.

• Language Laboratory — The Language Laboratory is a resource center operated by the foreign language department. Audio-visual materials and computers supporting the teaching of seven languages are available for use by students and faculty. Engleman Hall D162 and D164. Telephone: (203) 392-6772.

• Learning Resources Center — Located in Buley Library, the Learning Resource Center is composed of two instructional components that serve as a unified educational reference and resource service for the University community.

The University Media Center houses circulating collections of audio and video tapes, transparencies, CDs, DVDs, and other forms of media owned by the University. The various pieces of equipment needed for this media can be found in the center. Other
services include slide, transparency, color poster production, lamination, audio and video tape, CD and DVD duplication, and video to DVD transfers. There is a small charge for some of these services. A computer instructional classroom with a down link satellite feed is available to both faculty and students upon request.

The Curriculum Laboratory contains elementary and secondary textbooks, curriculum guides, and teaching aids to assist students and faculty in the field of education. Lesson planning and activity guides, along with thematic unit booklets, are available in the laboratory. A limited number of Curriculum CD-ROMs are also available for use within the lab. Director: Peter Boppert, Buley Library 313. Telephone: (203) 392-5713. Web site http://www.southernct.edu/departments/lrc.

• Library Services — The Hilton C. Buley Library, Southern Connecticut State University’s center of research, plays an indispensable part in the academic experience of every student. Buley Library provides more than 610,000 print and media volumes and access to more than 100 electronic databases to serve study, teaching, and research needs. An online catalog shared with the Eastern, Central, and Western CSU libraries and the Connecticut State Library, expands available print and media resources to more than two million volumes. Interlibrary loan services and other consortial arrangements further supplement these holdings.

A broad range of library services support and enhance the access and use of information resources in all formats. The main floor of Buley Library features a professionally staffed Reference Desk where librarians provide research assistance in utilizing the Connecticut State University Library System online catalog (CONSULS), online research databases, the Internet, and the 40,000-volume reference collection. The Periodicals Information Desk on the lower level provides help locating and using 2,000 current print periodical titles, 60,000 bound periodicals, and nearly 100,000 microform volumes. Instructional services meet a range of needs — basic orientations, library tours, and course-integrated instruction sessions arranged by teaching faculty. Presentations are offered on search strategies and selection of appropriate research information using both print and online resources. General orientation tours of Buley Library are offered at the beginning of each semester. Individual research appointments with a librarian can also be arranged. Individualized Instruction/Research Consultation Request Forms are available at the Reference Desk.

Several areas of the library are devoted to specialized study. The Connecticut Room has a collection of books, maps, photographs, and articles that bring to life the state’s history. A special collection of children’s historical literature and early American textbooks is housed in the Rare Book Room on the second floor.

The Learning Resource Center on the third floor supports a circulating media collection, viewing/listening equipment and the Curriculum Laboratory, a resource center containing instructional materials primarily supporting the School of Education.

A valid Southern student identification card (Hoot Loot card) serves as a library card. Students who are enrolled in courses or conducting research for a thesis at the University are eligible to borrow library materials. Students are responsible for all materials checked out on their cards. All library fees for lost or overdue books must be paid as they occur or a block will be placed on registration and transcripts.

The library staff is readily available to help students use information resources. Consult the student handbook for additional information regarding library use and regulations. For information and hours, call (203) 392-5750. The library’s homepage is: http://library.southernct.edu/. Interim Director of Library Services, Dr. Edward Harris. Telephone: (203) 392-5703.

• Marital and Family Therapy Clinic — The Marriage and Family Therapy Department
provides individual, group, couple, and family therapy as part of its training program. The clinic also operates a supervised visitation program and an anger management program. Clients may be referred by clinicians, state or municipal agencies, or they may be self-referred. An elaborate viewing and sound system preserves privacy while affording graduate students the opportunity to view ongoing therapy and profit from the supervisory experience of others. Director: Dr. Barbara Lynch, Davis Hall 020. Clinic Coordinator's Telephone: (203) 392-6415.

• Multicultural Center — The Multicultural Center under the Office of Multicultural Affairs serves as a resource for the University and the community in promoting an awareness and appreciation of cultural diversity. It offers educational programs and services to assist in the recruitment and retention of students. The Center also sponsors outreach programs with area schools, conducts art exhibitions, film programs, lectures, and conferences and houses a book and video library. The Multicultural Center is located in the Michael J. Adanti Student Center.

• Reading Center — The Reading Center in Davis Hall houses an extensive collection of specialized reading material, software, and equipment. In addition to serving as a laboratory for students in all reading courses, it contributes to the life of the community by offering diagnostic and remedial services for area elementary and secondary students who have difficulties in reading and writing. It also acts as a resource center for area teachers, reading consultants, and administrators. Director: Dr. Lois Dreyer, Davis Hall 204. Telephone (203) 392-6406.

• Residence Life — The Department of Residence Life Services provides on-campus living accommodations for full-time and part-time students enrolled in 6 or more credits per semester.

The North Campus Residence Complex, designated for graduate student housing, provides full apartment living with the convenience of being on campus. Each four-person apartment offers two bedrooms, two bathrooms, a fully equipped kitchen, living room and individual entrance. Additionally all apartments are fully carpeted, air conditioned, and come equipped with local phone service, digital cable, and ResNet, a high-speed internet access service. The Department of Residence Life Services offers townhouses for use by graduate students to ensure a living environment conducive to academic studies.

The Department of Residence Life Services encourages the academic, cultural and social growth of students by sponsoring nightly educational programs, lectures, workshops, and entertainment events throughout the residence halls. Four computer labs, in Chase Hall, in the North Campus Complex, and the West Campus Residence Complex, are available for all residents. Additionally, the Student Technology Resource Center, located in Schwartz Hall, offers free personal tutoring on modern computer applications. Two on-campus convenience stores, one in Connecticut Hall and the other in the North Campus Midrise, provide the convenience of minor shopping needs without leaving campus. The Residence Life Fitness Center, located in Farnham Hall, offers classes in weight management, aerobics, health and nutrition and a full range of exercise equipment for a low membership charge per semester. Finally, the establishment of "Quiet Hours", a portion of each day set aside in the residence halls for study purposes, creates an environment that enhances the students' overall academic performance.

Applications for on-campus housing are available in the Department of Residence Life Services located in Schwartz Hall, or by calling (203) 392-5870 or (203) 392-5869, Monday through Friday, from 8:30 to 4:30. New students should apply for on-campus housing at the time they apply for admission to the University. Director of Housing: Mark Ceneviva, Schwartz Hall. Telephone: (203) 392-5870.
• Speech-Language-Hearing Center — The Center for Communication Disorders offers free evaluation and treatment of voice, language, speech, and hearing problems to any student enrolled at Southern. To make an appointment, students may call (203) 392-5955, write, or come in person to the lower level of Davis Hall. The services are provided by faculty and clinical staff licensed by the Connecticut Department of Health and certified by the American Speech-Language-Hearing Association and by graduate student clinicians. Treatment is provided by staff and graduate student clinicians. Director: Kevin McNamara, Davis Hall, Room 012A. Telephone: (203) 392-5955.

• University Bookstore — The University Barnes and Noble Bookstore, is located on the first level of the Michael J. Adanti Student Center. The bookstore carries a full line of books and academic supplies. Here students may purchase required texts, general books for leisure reading, study aids and reference books. Textbook reservations may be made through the website: http://southern-ct.bkstore.com. In addition, students may access the bookstore through the Southern web page. Also available are emblematic clothing, health & beauty aids, gift items, and beverages and snacks. For information call (203) 392-5270.

• Veterans’ Affairs — The Office of Veterans Affairs offers academic and personal counseling to veterans attending the University, including advisement of current benefits, information on changes in legislative regulations and procedures, and liaison referrals with other offices on campus. Personnel in the Veterans Affairs Office provide information concerning certification of enrollment for V.A. financial benefits. Coordinator: Jack Mordente, Engleman Hall, Room B 018. Telephone: (203) 392-6822.

• Women’s Center — The Women’s Center is a place for women and men of every race, ethnicity, age, ability, class, sexual orientation, and religion to gather together and to explore and celebrate the richness and diversity of our lives. The center offers information, support groups, and services to facilitate education on issues related to feminism, women, men, and gender. The center also maintains a resource room with information on health, sexual assault, AIDS, gay, lesbian, and bisexual issues and more. The Women’s Center is located in Schwartz Hall. Telephone: (203) 392-6946. Coordinator: Catherine Christy. Telephone. (203) 392-6946.

ALUMNI ASSOCIATION AND ALUMNI AFFAIRS OFFICE
Founded in 1925, the Alumni Association provides programs for the 65,000 alumni of Southern Connecticut State University. Its mission is to establish and maintain a mutually beneficial relationship between the University and its alumni, to encourage a spirit of loyalty and support among the alumni, and to foster the academic mission of the University.

From its office in the Wintergreen Building, the association conducts a variety of programs and activities. The largest single effort is the association’s scholarship program, which, in collaboration with the SCSU Foundation, awards academic scholarships to outstanding Southern students annually. The association also plays a role in coordinating class reunions, regional receptions, and Homecoming weekend. Outstanding alumni are honored at the Annual Awards Banquet. Award recipients are selected in recognition of their exemplary achievements and significant contributions on local, state, and national issues. In addition, the association presents an annual Distinguished Alumnus Award at commencement.

Southern Magazine, sent semi-annually to alumni and friends of Southern Connecticut
State University, reflects the progressive and dynamic nature of the university, its alumni and students. The Alumni Association works in partnership with the staff of the Alumni Relations Office to provide programs to alumni and friends. Interim Director: Patricia J. Rooney, Wintergreen Building, Room 174. Telephone: (203) 392-6500.

SCSU FOUNDATION AND INSTITUTIONAL ADVANCEMENT OFFICE
The Foundation chartered in 1972 as a Connecticut non-stock corporation for charitable purposes, is recognized as a tax-exempt organization under Section 501(c)(3) of the Internal Revenue Code. The Foundation operates exclusively to promote the educational, cultural, recreational, and research facilities and activities of the University. The Foundation supports the University's pursuit of excellence in teaching, research, and public service primarily through raising and managing funds which benefit the campus and programs of the University. The Offices of Development, Alumni Relations and Public Affairs work in partnership with the SCSU Foundation in support of its endeavors. Vice President for Institutional Advancement: Megan A. Rock, Engleman Hall, Room A 215. Telephone: (203) 392-6192.

GRADUATE STUDENT AFFAIRS COMMITTEE
The Graduate Student Affairs Committee (GSAC) is responsible for developing and maintaining procedures for the use of all student activity funds collected from full-time graduate students. Through its activities, GSAC supports educational, social, and cultural activities directed toward enriching the experiences of graduate students. GSAC is actively engaged in developing and supporting services for graduate students in the critical areas of research, professional development, and community service. The following services are offered for graduate students: lectures, workshops, research awards, conference funding, speaker honoraria for graduate courses, graduate club funding, and special projects. Adviser: Dr. Cynthia L. DiSano, Coordinator: Arlene Lucibello, John Lyman Center. Telephone: (203) 392-6165.

IDENTIFICATION CARDS
The SCSU Hoot Loot ID card is the primary university identification card, mandatory for all students. In addition, the card provides access to residence halls, meal plans, computer labs and also functions as a library card. The card also contains each student's unique eight digit university identification number.

Students currently registered (or paying the continuous enrollment fee) may obtain the SCSU Hoot Loot ID card by visiting the University Card Office, located in the Wintergreen building. Students should bring proof of registration or enrollment (a current bill) and another form of picture ID for verification. The normal hours of operation are Monday from 8 a.m. to 7 p.m., Tuesday through Thursday from 8 a.m. to 4:30 p.m., and Friday from 8 a.m. to 4 p.m.

The SCSU Hoot Loot ID card can also function as an optional campus debit card, allowing additional privileges and services at SCSU. With use of this campus debit account, students can deposit money into a Hoot Loot account to make purchases at various locations on and off campus. Students may also enjoy the convenience of purchasing from the SCSU Barnes and Noble University Bookstore, on campus snack and soda machines, laundry services for residents, bus trips and other campus activities, and participating local stores and restaurants.

For additional information about Hoot Loot or to add money to the card from the University's secure website, visit: http://hootloot.southernct.edu/. Report lost or stolen cards to the University Card Office during normal business hours by calling...
(203) 392-7077. After business hours, please report lost or stolen cards to the SCSU Campus Police at (203) 392-5375.

UNIVERSITY POLICE
The University Police Department is located in the Granoff Student Health Center. Police officers are responsible for the safety and protection of the campus and its personnel as well as for enforcing parking regulations and conducting investigations. Students should promptly report thefts or other incidents on campus directly to the University Police Department, which is open 24 hours a day.

Individuals can report a medical or fire emergency by dialing 911. All other types of emergencies, hazardous conditions, or everyday incidents may be reported to University Police by dialing 888 from any in-house telephone or call extension 25375. Individuals who want to contact campus police and provide information regarding a crime or a police case but want to remain anonymous can do so online by visiting the SCSU website at www.SouthernCT.edu. Once on the SCSU website, just click on Faculty/Staff/, then click on police department, then silent witness. Type in the information that you want to relay and it will remain anonymous.

Blue light emergency telephones are strategically located at various campus sites and may be activated by simply pushing the red button. The dispatcher will take the necessary information and quickly dispatch a police officer or other emergency services personnel to the caller's exact location.

The University Police Department provides a 24-hour student escort service to accompany students, faculty, and staff to parking lots, residence halls, and other on-campus locations. Individuals may call (203) 392-5375 for this service. In addition, the University Police provides lost and found services for the entire campus.

In accordance with Public Act 90-259, Southern Connecticut State University publishes reports annually on campus crime and security. These reports are available upon request from the Police Department.

PARKING
Cars regularly parked on campus must display a current SCSU Parking Permit. Visitors to the campus must obtain a visitor's pass at the University Police Department prior to parking. Visitors to residence halls must obtain a visitor's pass from the appropriate residence hall.

CLOSING OF THE UNIVERSITY
When a decision is made to delay opening the University, to cancel classes, or to close the University due to inclement weather or other campus emergencies, the first and most accurate information is posted on Southern's WeatherCheck message line, (203) 392-SNOW. The University also uses local radio and television stations to convey this information.

SMOKE-FREE CAMPUS
In the interest of providing a healthful, comfortable, and productive study and work environment for students, employees, and visitors, Southern Connecticut State University is a smoke-free campus. Accordingly, smoking is prohibited inside all buildings. The only exception to this smoke-free policy is student rooms and apartments in residence halls. Thus, smoking is banned in all classrooms, offices, building entrances, hallways, stairwells, reception areas, restrooms, work and eating areas, elevators, meeting rooms, lounges, and all common areas. The thoughtfulness, consideration, and cooperation of all members of the University community is needed.
Application and Admission

DEGREE AND NON-DEGREE STUDENTS
Students may register for graduate classes as degree seeking students or as non-degree seeking students. All students registering for graduate courses must hold a baccalaureate degree or the equivalent from a college or university accredited by the appropriate regional accrediting agency and show promise of ability to pursue graduate study in the area.

Non-matriculated graduate students must apply to a program before completing nine credits. Graduate programs have the right to exclude non-degree students from courses offered for degree seeking students in their degree program.

No applicant is accepted or rejected because of race, color, sex, age, creed, national origin, or disability, and it is expected that the student body will reflect a wide range of cultural values and backgrounds.

MINIMUM ACCEPTANCE STANDARDS

Master's Degree Program
For applicants to a master's degree program, minimum standards for acceptance to Graduate School include a bachelor's degree from a regionally accredited college or university with an undergraduate cumulative grade point average of at least 2.5 (scale A = 4.0) and the recommendation of the graduate program coordinator. Initial teacher certification programs require an overall undergraduate grade point average of 2.7. Students who have done previous graduate work that did not culminate in a degree must have a minimum graduate grade point average of 3.0 to be considered for admission to a graduate program.

Sixth Year Program
For applicants to a sixth year program, minimum standards include a master's degree from a regionally accredited college or university, a grade point average of at least 3.0, and the recommendation of the graduate program coordinator. Most graduate programs have requirements that go beyond minimum School of Graduate Studies requirements. Students who have done previous graduate work that did not culminate in a degree must have a minimum graduate grade point average of 3.0 to be considered for admission to a graduate program.

Doctoral Program
For applicants to the doctoral program in Educational Leadership, minimum standards
for admission are outlined in the section entitled "Educational Leadership" under "Programs, Courses and Faculty" in this catalog.

RECORDS RETENTION AND DISPOSAL
All application materials become part of the permanent records of Southern Connecticut State University and will not be returned. Access to this material is limited under the Family Rights and Privacy Act of 1974. Applicants who are not admitted, or who are admitted and do not register, do not have access to their application files. Materials received from applicants who do not complete their application or are not admitted are held for one year before being destroyed.

APPLICATION PROCEDURES
Application materials may be requested from the School of Graduate Studies, Southern Connecticut State University, 501 Crescent Street, New Haven, Connecticut 06515-1355. Those who seek admission to a graduate degree program must submit a formal written application for admission or apply on-line at the School of Graduate Studies Web site: www.southernct.edu/grad/. On-line applications are not processed until the signature verification page and application fee have been received.

Applicants should read the introductory portions of this catalog and the pages describing the program in which they are interested. Questions about general admissions procedures should be directed to the School of Graduate Studies. Questions about specific program content or requirements should be directed to the Graduate Program Coordinator or Department Chairperson identified in the catalog. Students who are planning to apply for financial aid should pay particular attention to deadlines for submission of financial aid forms and deadlines for matriculation.

Applicants are urged to submit the completed application and credentials well in advance of the semester for which they seek admission. There is no guarantee that any application received after August 1 for the fall term and January 1 for the spring term will be processed in time for the term for which the applicant seeks admission, even though the file may be complete. Although the School of Graduate Studies has a rolling admissions process for the fall and spring terms, a number of departments have established application deadlines. (Refer to section on Programs, Courses, and Faculty.)

Some programs require departmental applications in addition to the Graduate School application. Those who are applying for programs that include teacher certification should allow a minimum of six months from receipt of application to admission. All applicants for admission must:

1. Complete and submit to the School of Graduate Studies an official application form or on-line application form. The written form should be typed neatly or printed in ink. If any of the requested information is omitted, the form will be returned or held until the information is submitted.

2. Submit a $50 non-refundable application fee with the official application form. Make check or money order payable to SCSU. An On-line Application Verification Letter and the $50 non-refundable application fee must be mailed to the Graduate Studies Office to complete the on-line application process.

3. Request (in writing) that official transcripts from each college or university attended be sent to the School of Graduate Studies. (SCSU graduates must request that the SCSU Registrar's Office forward official transcript to the Graduate Studies Office). Transcripts received from the student will not be considered official. Transcripts must be re-
submitted when an applicant applies for subsequent graduate programs. Transcripts received in application to previously earned degrees at SCSU are not kept on file indefinitely. Official transcripts from each college or university attended are required.

Transcripts from outside the United States must be evaluated (course by course) by an accredited evaluating agency at the student's expense. A list of acceptable, certified evaluating agencies is available in the Graduate Studies Office and on its web site: www.southernct.edu/grad/ and at www.naces.org/members.

4. Request an appointment with the Graduate Program Coordinator of the graduate program to which you have applied after you have been notified that your application and transcripts have been received.

5. Letters of recommendation should be sent directly to the academic department requesting the letters.

6. Resident aliens must provide a copy of their alien registration cards to the Graduate Studies Office.

After fulfilling all Graduate School, Graduate Program, and other requirements for admission, meet with the Graduate Program Coordinator to develop and sign your Planned Program of Graduate Studies.

Although many graduate programs send departmental letters of acceptance to applicants, no student is officially accepted into the School of Graduate Studies until he or she receives a letter of acceptance and a signed planned program of study from the Dean or the Associate Dean of the School of Graduate Studies.

Admission requirements for any particular graduate degree program may exceed the minimum admission standards of the School of Graduate Studies. Requirements for admission to each program are listed in the program section of this catalog. Applicants may apply to only one specific program at a time. Submit any additional material required by individual graduate programs to the office or person indicated in the specific program description. Only the application, official transcripts, test scores, and the $50 application fee should be sent to the Graduate Studies Office.

The applicant is responsible for ensuring that all materials and documentation for the application file are complete. Applicants may view the status of their applications by accessing the SCSU website: www.southernct.edu and logging into "Web Services". Application files that are incomplete at the end of the first week of classes will be considered for the following semester. Applicants who, by the end of the first week of the fall or spring semester, are not formally admitted but are still considered pending by the academic department will be considered for the upcoming semester.

Students who are admitted to the School of Graduate Studies and who do not register for courses within one year of acceptance are automatically withdrawn from the University. Students who wish to maintain matriculated status for more than one year while not registering for courses must petition the Graduate Studies Dean in writing and pay the Continuous Enrollment Fee of $40.

Students who seek financial aid must be considered matriculated by the end of the first week of classes in the semester for which they are applying to qualify for financial aid.

Immunization Requirements
Matriculated students in Connecticut universities who were born after January 1, 1957,
must provide proof of immunization against measles and rubella (German measles) before they will be permitted to register. Proper measles immunization requires two (2) injections: the first must have been given after 12 months of age and after January 1, 1969, and the second must have been given after January 1, 1980. Proper rubella immunization consists of one injection given after 12 months of age. The only exceptions are those students who provide laboratory documentation of immunity to measles and rubella, those who provide a physician’s statement that immunization should not be done, or those who provide a statement that the immunization is against their religious beliefs, or those graduated from a Connecticut high school in 1999 or later. Documentation of immunization must be submitted to the Granoff Student Health Center prior to registration.

ADMISSION OF INTERNATIONAL STUDENTS

International students are subject to all requirements for admission to the School of Graduate Studies and all program requirements. In addition, to be considered for admission, each international applicant must submit a completed "Application for Admission to Graduate Study" form and the "International Student Profile" form and meet the following requirements:

1. Hold the foreign equivalent of a United States bachelor’s degree from an internationally recognized institution of higher education with an undergraduate grade point average of at least “B.” (On various grading scales this would be at least 3.0 on a 4.0 scale, 14 on a 20 point scale, 80.0 from Chinese institutions, 1st Class or Division from Indian institutions, and upper 2nd Class Honors from British systems. Other grading systems will be evaluated on receipt of transcripts and certified evaluation of those transcripts.)

2. Present certified copies and certified English translations of all academic achievements in each college or university attended. A diploma is not sufficient. The complete record of courses and marks earned and/or record of subjects and examination results must be received. Documents presented by applicants must detail the award of either a bachelor’s degree or equivalent or a graduate degree.

3. Provide a certified evaluation of foreign transcripts and credentials (course by course with grades) from an independent evaluation service recognized by the National Association of Credential Evaluation Services (NACES). Applicants are responsible for payment of fees charged by the evaluation service. A list of these agencies is available from the School of Graduate Studies Web site: www.southernct.edu/grad/ and at www.naces.org/members.

4. File documentation (official bank statement) verifying that financial resources are available or guaranteed for the first calendar year at SCSU.

5. Applicants whose native language is not English must present a score of at least 550 written/213 computer on the Test of English as a Foreign Language (TOEFL). Each student should request that his or her score be sent directly to the SCSU School of Graduate Studies (Code 3662). TOEFL scores are valid only for two years. In place of the TOEFL score, English as a Second Language Certificate ELS 109 may be used. All students whose native language is not English must take an English proficiency examination after arrival at SCSU.

6. Submit official Graduate Record Examination (GRE), GMAT, or any other test scores required by the department to which application is made.
7. F-1 visa students transferring from a college or university in the United States must submit copies of all previous I-20 forms and transfer form from the student's current international adviser.

8. Applicants who wish to begin graduate studies must submit all credentials required by the International Student Office by June 15 for the fall semester and November 15 for the spring semester.

9. Resident aliens must provide a copy of their alien registration cards.

10. The Internal Revenue Service requires the University to apply U.S. withholding and reporting rules consistent with the U.S. tax status of resident and non-resident aliens. Resident aliens are taxed as U.S. citizens, while non-resident aliens are taxed under different withholding and reporting rules. Therefore, as part of the application process, the University requires additional information from international students. Once an application has been submitted, the School of Graduate Studies will email each international applicant with a website, login, and password to complete the additional information required by the United States federal government. Please provide a valid email address on your application. Your application cannot be processed until you have completed this requirement.

To hold an "F-1 Student" visa, prospective graduate students must first be accepted for full-time study and present documentary proof that sufficient funds are available for tuition. A minimum of nine credits or equivalent each semester is a government requirement to maintain full-time status. "F-1" students must obtain Immigration's permission before working off campus. (This is never granted during the first year of study in the U.S.).

ADMISSION TO TEACHER CERTIFICATION PROGRAMS

The School of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). The School offers programs that lead to teacher and administrator certification in the state of Connecticut. Students who are applying for programs that include Connecticut teacher certification should allow a minimum of six months from receipt of application to admission.

Students planning to enter any professional teacher education program must meet the following requirements established by the School of Education, which are consistent with certification requirements of the State of Connecticut. No student may be admitted to the School of Graduate Studies without first meeting these requirements:

1. Pass the state-mandated skills examination (PRAXIS I) in mathematics, reading, and writing, or present a PRAXIS I Waiver from Educational Testing Services. Applications for Praxis I Waivers can be obtained from the School of Education in Davis Hall, room 103. To be eligible for the waiver, the applicant must have earned a combined score of 1000 on the SAT with at least a score of 400 on both the verbal and the mathematics sections respectively from any test administration prior to March 31, 1995; or, present a combined score of 1,100 on the SAT with at least a score of 450 on both the verbal and the mathematics sections respectively from any test administration on or after April 1, 1995; or, present a composite score of 24 or more on the American College Testing Program Assessment (ACT), with no less than 22 on the English subtest and no less than 19 on the mathematics subtest from test administrations on or after October 1989;

2. Achieve a minimum of 2.7 QPR for all undergraduate courses; if the preponderance of work toward the certification area was not completed at SCSU and within the past...
six years, a passing score on the appropriate PRAXIS II examination is required for admission to the certification program.

3. Complete all or the majority of an undergraduate program, which includes an educational background in the arts and humanities, mathematics, science, social and behavioral sciences, health, physical education, and world language;

4. Submit an essay demonstrating a proficiency in English, setting forth the reasons for wanting to enroll in a teacher preparation program, and emphasizing experiences relevant to teaching;

5. Submit a letter of recommendation from each of two persons able to testify to the student’s suitability as a teacher;

6. Be interviewed by a departmental admissions committee, which will assess the student’s personal attributes that will affect the student’s performance as a teacher. This should include the presentation of a student portfolio. Refer to department guidelines for the development of the student portfolio.

Any of the requirements 2-6 above may be waived by the Dean of the School of Education if justified by unusual circumstances and recommended by the respective academic department. These requirements apply to all students seeking admission to teacher certification programs in counseling and school psychology, communication disorders, early childhood, elementary, middle school, any secondary education program (English, history/social sciences, mathematics, biology, chemistry, physics, earth science, foreign languages), art education, school health, physical education, special education, and library science media specialist. Since undergraduate courses required for certification may vary depending upon the area in which the student seeks endorsement, applicants to certification programs must satisfy any deficiencies found upon review of official transcripts as designated by the graduate program adviser.

No student is accepted into a certification program until requirements 1-6 are met or waived. Failure to meet all of the requirements in a timely manner will preclude registration for course work. Applicants to certification programs should allow a minimum of six months from receipt of application to admission.

Passing PRAXIS II is a critical part of the certification process. The PRAXIS II examination is designed to ensure that prospective teachers are knowledgeable in their field of study prior to initiating professional teaching. A passing score on PRAXIS II (or ACTFL if receiving certification in foreign languages) is required for completion of the program at Southern. Passing the ACTFL OPI and WPT with a minimum score of Intermediate High is required prior to the admission of student teaching. Every attempt to pass PRAXIS II before initiating student teaching should be made. In any case, students must pass PRAXIS II prior to the completion of student teaching. In the case of those applying for a Durational Shortage Area Permit (DSAP), PRAXIS II must be completed before the DSAP can be issued. Under no circumstances will anyone be recommended for certification until they pass PRAXIS II.

A passing score on PRAXIS II is required for approval of a waiver of student teaching for students working under a DSAP.

Students applying for certification programs may not register for more than two courses in professional education before they have met all requirements specified in
the six standards established by the Connecticut Board of Education and have received official notification of admission to the certification program by the School of Education and the School of Graduate Studies.

The School of Education requires graduate certification students to maintain a 3.0 (B) grade point average or higher in all graduate/undergraduate work. A student who, after acceptance to a teacher education program, obtains a grade point average of less than 3.0 will be placed on probation by both the School of Education and the School of Graduate Studies and will be ineligible for student teaching. The student will have one semester to raise the grade point average to 3.0 or higher. Failure to do so will result in dismissal from the certification program.

Students must maintain good standing the program in order to qualify for student teaching and a recommendation from SCSU for State of Connecticut certification.

Students in any School of Education program including all certification programs must pass through four program specific gates related to the School of Education Conceptual Framework—SAILS (Scholarship, Attitudes and Dispositions, Integrity, Leadership, Service). To pass each gate, students complete specific tasks as designated by the program which are directly related to SAILS. Students in the certification programs must provide evidence of meeting their Specialty Program Area Standards, School of Education expectations (SAILS) and State of Connecticut requirements.

Graduate students are responsible for familiarizing themselves with Connecticut's teacher certification regulations and keeping abreast of changes to those regulations.

As of July 2006, students will be required to take an additional 3 credits in Literacy and English Language Learners. Please consult with your academic department for course specifics.

If state regulations change before completion of a certification program, students must meet the new requirements for recommendation to the State Department of Education by SCSU.

Secondary Education
Dr. Martin Hartog, Coordinator. Telephone (203) 392-5595

In addition to the School of Graduate Studies application form, prospective certification students must submit a separate application to the School of Education. This application is available from the School of Education Office, Davis Hall, Room 103.

The successful completion of a certification program fulfills the course requirements for the Initial Teaching Certificate in Connecticut for the individual to teach in a subject area in grades 7-12. The subject area may be in the fields of biology, chemistry, physics, earth science, general science, English, French, German, Italian, Spanish, mathematics, and history/social sciences (economics, geography, history, political science, or sociology).

The minimum professional course requirements as mandated by the State Department of Education can be met by taking the following professional courses:

PSY 370 — Educational Psychology
HIS 110 or 112 — United States History
SED 482 — Teaching Exceptional Students in Secondary Education
EDF 520-526 — Educational Foundations (Choose one course.)
EDU 452 — Secondary School Student Teaching
EDU 453 — Student Teaching Seminar
SHE 203 — School Health
and one of the following:
EDU 490 — English (Secondary School)
EDU 491 — Foreign Language (Secondary School)
EDU 492 — Mathematics (Secondary School)
EDU 493 — Science (Secondary School)
EDU 494 — Social Science (Secondary School)

Additional requirements may be specified by the individual departments. Questions about specific program content or requirements should be directed to the graduate program adviser in the department or to the Director of Student Teaching.

As noted above, applicants for secondary certification who have taken the preponderance of subject matter course work at another institution or have taken that course work more than six years ago must pass PRAXIS II in their content area prior to acceptance. Students who complete subject matter course work at Southern Connecticut State University must pass PRAXIS II in their content area prior to the completion of student teaching.

To enroll in student teaching for any subject area, a student must first be accepted into a certification program by the academic department. Deadlines for enrolling in student teaching are as follow: fall semester deadline: previous March 1; spring semester deadline: previous October 1.

A statutory requirement for teacher preparation programs mandates training of personnel on the effects of alcohol, nicotine, or tobacco and drugs. This requirement may be met by completing SHE 203.

Cross Endorsements
Cross endorsement is an additional certification for individuals who already hold initial or professional certification to teach in Connecticut's public schools. Although faculty in academic departments may informally advise students, it is the responsibility of the student to determine the requirements of the Connecticut State Department of Education for a cross endorsement and to follow the state prescribed requirements. In some programs, students have the option of pursuing these courses as non-matriculated students. Those seeking cross endorsement must apply directly to the Connecticut State Department of Education in Hartford.

Those already certified who are applying for endorsements in the areas of school psychology, school counseling, speech pathology, reading, collaborative early childhood, intermediate administrator, and superintendency must be admitted to formal programs offered by the School of Graduate Studies, since certification in these areas is considered an initial certification and must be recommended by Southern Connecticut State University to the Connecticut State Department of Education. If state regulations change before completion of a certification or cross endorsement program, students must meet the new requirements. Upon completion of course work
for certification, the student must obtain a recommendation from Southern's Certification Officer to receive initial certification from the state.

Performance Assessment
Students must maintain good standing in the program in order to qualify for student teaching and a recommendation from Southern Connecticut State University for State of Connecticut teacher certification. They also must demonstrate the following:

— personal attitudes and attributes that affect her or his performance as a teacher;
— professional behavior appropriate to the context which shows realization that actions reflect directly upon the status and substance of the profession;
— confidentiality of all information concerning colleagues and students obtained in the educational process; and
— integrity and honesty in written and verbal communication, documentations, and coursework related to the professional program for teacher certification.

Revocation of Admission to the Professional Program
Students may be dismissed from the professional program for the following:

— demonstrated unprofessional behavior or an inability to respond appropriately in various contexts which affects her or his performance as a teacher;
— falsified or misrepresented any documentation or information provided for programmatic, academic, or professional qualification/competency purposes;
— does not achieve an acceptable standard on the performance assessments required by the School of Education;
— been convicted in a court of law of a crime involving moral turpitude or of any crime of such nature that in the opinion of the University would impair the standing of the School of Education professional program; or
— other due and sufficient cause.

Title II Report
A copy of the University's Title II report with data on state assessments, standards for teacher certification and licensure, and the performance of teacher preparation programs is available in the School of Education Office in Davis Hall, Room 103 and on the School of Education's website: www.education.southernct.edu.

CATEGORIES OF GRADUATE STUDENTS
Students pursuing work in the School of Graduate Studies are classified as Matriculated, Conditionally Matriculated, Granted Early Acceptance, or Non-Matriculated.

Matriculated Students
Matriculated students have met all requirements of the School of Graduate Studies and the academic program and have received a letter of acceptance from the Dean or Associate Dean of Graduate Studies with a copy of their planned program attached.

Conditionally Matriculated Students
A conditionally matriculated student is one who is recommended by a Graduate Program Coordinator for conditional admission under the provisions of the Graduate Council’s “Policy and Procedure for Recommending Conditional Acceptance” and has been granted conditional admission. The conditions of admission and the time frame for meeting the conditions are stated in the letter of acceptance sent to the student. Conditional acceptance is not granted for teacher certification programs unless approved by the Dean of the School of Education.

A student who fails to meet any or all terms of conditional acceptance will be dismissed. Following dismissal, the student may continue to register for up to nine credits as a part-time, non-matriculant. After completing these additional nine credits as a non-matriculant, the student may reapply to the School of Graduate Studies if an overall grade point average of 3.0 or higher has been achieved with no individual grade lower than "B" (3.0). Readmission is not guaranteed. A readmitted student must achieve a minimum grade point average of 3.5 in the next 12 credits of coursework taken. Should the student fail to achieve the required 3.5 grade point average, he or she will be dismissed from the School of Graduate Studies with no option for readmission.

Students Granted Early Acceptance
A limited number of graduating seniors may be granted early acceptance to the School of Graduate Studies. Early acceptance requires an overall quality point ratio of 3.0 (B) or higher, the written recommendation of the faculty adviser in the department to which the student is applying, and a completed application file, including the planned program of study. Early admission is conditional. A final transcript noting the degree and date awarded must be received by the School of Graduate Studies prior to the beginning of the first semester of graduate enrollment.

Non-Matriculated Students
Students who take graduate courses at SCSU and are not in one of the categories above are classified as non-matriculated students. Non-matriculated students should have verification of having been awarded a bachelor’s degree on file and must meet any program and course requirements to register. Non-matriculated students may earn no more than nine credits toward a degree program.

PLANNED PROGRAM OF GRADUATE STUDIES
Every matriculated graduate student will have an official Planned Program of Graduate Studies on file in the Registrar's Office. The student and the graduate adviser will also have a copy of the official planned program. To be official, a planned program must have at least the signatures of the student, the graduate program adviser, and the Dean or the Associate Dean of Graduate Studies.

To graduate, a student must fulfill the requirements specified on the planned program. At times it is necessary or desirable to make a revision in a planned program. This must be accomplished through a Change in Planned Program Form. A change in planned program requires the signatures of the student and the graduate program adviser. It will become a codicil to the planned program unless it is returned by the Dean of Graduate Studies.

If a program is being revised from one academic department to another, the student
must file a new application and pay the $50 application fee. If a program is being revised within the same department, a new application is not required. Transcripts may also need to be resubmitted if required by the department to which the student is transferring.

GRADUATE COURSE SCHEDULING
Graduate courses and programs at Southern Connecticut State University are almost exclusively evening offerings. Courses, laboratory sessions, and other pertinent activities are scheduled in the late afternoon and evening during the fall and spring semesters. During summer sessions, graduate courses are offered in the morning and in the evening. A growing number of courses are offered on-line. Undergraduate courses are numbered 100 through 400. Graduate level courses are numbered 500 and higher.

In many graduate programs it is possible for those who wish to enroll on a full-time basis to plan a program of studies that can be completed in one academic year and two summer sessions. However, most graduate programs are planned for part-time study over two, three, or four years.

Matriculated graduate students are encouraged to register from early April through May for the fall term and early November through December for the spring term for optimal course selection.

The University reserves the right to cancel courses having insufficient registration and to make changes in the schedule of classes when necessary. The University also reserves the right to change instructors when necessary.

NEW GRADUATE STUDENT ORIENTATION
The School of Graduate Studies hosts an annual orientation session for newly admitted graduate students the week before classes begin for the fall semester. New students are invited to learn about the various university services available to them. Each student also has the opportunity to have a photo taken for the university identification card, obtain a parking permit, and purchase textbooks. A welcoming reception is held after the program so that new students can meet with members of the graduate faculty as well as other new graduate students.
Tuition, Fees, and Financial Aid

Tuition and fees published in this catalog are subject to change by order of The Board of Trustees for the Connecticut State University and The Board of Governors for Higher Education. The fees listed on the following pages were anticipated at the time of this publication. There is a separate fee schedule for full-time students who are Connecticut residents, full-time students who are not Connecticut residents, and for all part-time students.

FULL-TIME AND PART-TIME STATUS
Only those students who have been admitted to a graduate program through the School of Graduate Studies may be classified as full-time graduate students. To maintain full-time status, a graduate student must be registered for at least 9 credit hours. Part-time graduate students are those registered for less than 9 credit hours per semester.

A student is registered as full-time or as part-time for tuition purposes. Up to the end of the Add/Drop period, a qualified student may, by submitting the appropriate forms, change from full-time to part-time or from part-time to full-time. After the last day for Add/Drop, there will be no change in status for tuition purposes.

RESIDENCE STATUS
Students admitted to the University are classified as Connecticut residents or out-of-state residents according to Connecticut statute and the policies of the Board of Trustees for the Connecticut State University. International students on visas are considered out-of-state residents.

Whenever the University deems it necessary, the student may be requested to submit an affidavit to certify residence status in accordance with regulations established by the Board of Trustees for the Connecticut State University. The failure of a student to disclose fully and accurately all facts relating to residence status shall be grounds for dismissal from the School of Graduate Studies.

A student classified as an out-of-state resident who feels that he or she qualifies as a bona fide resident of Connecticut may request a change of classification from the Registrar by completing a Residency Reclassification Affidavit and supplying supporting documentation. Forms can be obtained in the Registrar's Office, Wintergreen Building.
FULL-TIME STUDENT ANNUAL TUITION AND FEES

Connecticut Resident Out-of State Resident

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<th>University Fee</th>
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<tr>
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<th>Technology Fee</th>
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<th>Health Insurance</th>
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<tr>
<td>$508.00*</td>
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<td>$508.00*</td>
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Total $7,360.00  $15,645.00

*estimate based on 2005-06 rates

Full-time, in-state students in the Master of Business Administration program and the Master of Library Science program are charged $3,887.00 per semester and out-of-state students are charged $7,994.00 per semester in addition to sickness insurance if not waived.

PART-TIME STUDENT COURSE FEES

Part-time graduate students are charged graduate rates for both graduate and undergraduate courses. Tuition and fees are based on student type or level (graduate/undergraduate), not course level. Graduate students are charged $406.00 per credit as well as a $55.00 non-refundable registration fee once per semester. An $8.00 per credit hour Information Technology Fee is included in the part-time rate. Students in the Master of Business Administration program and Master of Library Science program are charged $457.00 per credit. Those enrolled in the doctoral program in Educational Leadership are charged $525.00 per credit. Students are responsible for any tuition or fee increases that occur before the first day of classes.

A student who has earned a bachelor's degree and is formally admitted to a second bachelor's degree program is charged the undergraduate tuition and fees whether enrolled full-time or part-time.

PAYMENT OF TUITION AND FEES

Students admitted to the School of Graduate Studies for the first time on a full-time basis must pay a $200.00 non-refundable Binder Fee. This fee is applied to the tuition charge. Matriculated graduate students who register for the fall semester before May 20 or before November 18 for the spring semester will receive an invoice. Full payment is due by July 14 for the fall semester and December 15 for the spring semester. If payment is not received by these dates, registration and residence hall assignments are subject to cancellation. Matriculated students who register on or after July 14 and December 15 must pay the full amount due at the time of registration. Non-matriculated student fees are due at the time of registration. Lack of tuition payment by the stipulated deadline may result in the cancellation of a student's schedule of classes.

MISCELLANEOUS FEES AND COSTS

<table>
<thead>
<tr>
<th>Application Fee</th>
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<tr>
<td>$50.00</td>
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A non-refundable fee of $50 must be submitted with the completed Application for Admission to Graduate Study.

<table>
<thead>
<tr>
<th>Continuous Enrollment Fee</th>
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<td>$40.00</td>
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<table>
<thead>
<tr>
<th>New Full-Time Student Binder Fee</th>
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<tbody>
<tr>
<td>$200.00 (non-refundable)</td>
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</table>
Late Payment Fee ________________________________ $50.00

All students who do not completely pay all tuition and fees by the due date must pay a late payment fee of $50. Additionally, the University may assess a 1.5% per month charge on any unpaid balances after the due date. These charges will be added to the outstanding balance.

Graduate Re-entry Fee ____________________________ $50.00 per occurrence
Lost ID Card ____________________________ $10.00 first occurrence, $20.00 per occurrence after first

Transcript Fee ____________________________ Free

Transcripts of course work taken at SCSU may be forwarded from the Registrar's Office to any official source upon written request of the student at no charge. There is also no charge for forwarding a SCSU transcript to an SCSU office or department.

Transcript Fee (emergency) ____________________________ $15.00

Return Payment Fee ____________________________ $50.00

A fee of $50.00 is charged for any check or credit card payment returned from a banking institution for insufficient funds, stop payment order or other reasons.

Re-registration Fee ____________________________ $100.00

If a student is dropped for non-payment and registers for the same semester.

Over Registration Fee ____________________________ $406.00 per credit

If a graduate student is registered for more than 15 credits.

Fitness Center (per semester) ____________________________ $60.00

Graduate Nursing Fee ____________________________ $300.00 full time per semester

Graduate Nursing Fee ____________________________ $25.00 part-time/credit

Art Studio Fee ____________________________ $60.00 per course

Biology Lab Fee ____________________________ $35.00 per course

Chemistry Lab Fee ____________________________ $35.00 per course

Earth Science Lab Fee ____________________________ $35.00 per course

Music Lab Fee ____________________________ $50.00 per course

Physics Lab Fee ____________________________ $50.00 per course

ON-LINE SCSU COSTS

Graduate In-State ____________________________ $410.00 per credit
Graduate Out-of-State ____________________________ $504.00 per credit

Master of Library Science ____________________________ $457.00 per credit

Incomplete/Access Fee ____________________________ $25.00

ACCIDENT AND HEALTH INSURANCE

All full-time students are covered by accident insurance for accidents occurring on or off campus during the twelve-month period August 1 through July 31. Accident insurance is included in the General Fee.

Health insurance is mandatory for all full-time and international students. Coverage
applies to illness that occurs on or off campus during a twelve-month period. If a student already has comparable insurance coverage, information to waive the health insurance offered by the University may be found at www.chickering.com. The deadline for waiver of the health insurance is September 18 for the Fall 2006 term and February 10, 2007 for the Spring 2007 term. International students cannot waive the health insurance. Students may contact the Bursar's Office at (203) 392-6140 for questions regarding insurance.

REFUNDS
Regulations established by the Board of Trustees for the Connecticut State University govern the refund of tuition and other fees at Southern Connecticut State University. The application fee and the part-time registration fee are non-refundable. Requests for refundable tuition and fees must be submitted before the beginning of the final examination week of the semester in which the student is enrolled.

Refund Schedule
Full-time students who wish to receive a refund must withdraw formally from the University. Full-time students are not entitled to a refund for courses individually dropped. Part-time students who want a refund must withdraw formally from the course(s) in which they are enrolled. The amount of refund is based on the date of withdrawal, not on whether classes were attended or the date of the last class attendance.

The part-time refund schedule is listed below:

<table>
<thead>
<tr>
<th>Time of Withdrawal</th>
<th>Percent Refunded</th>
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<tbody>
<tr>
<td>Through the first week of classes as defined by the University calendar</td>
<td>100%</td>
</tr>
<tr>
<td>During the second and third weeks of classes</td>
<td>50%</td>
</tr>
<tr>
<td>After the third week of classes</td>
<td>No Refund</td>
</tr>
</tbody>
</table>

Check the semester schedule of classes for specific dates on refunds for full and part-time students. Please allow 2 to 3 weeks for the processing of refund checks. All refund checks will be mailed to the home address.

FINANCIAL OBLIGATIONS
Students are responsible for payment of all costs associated with attending the University in accordance with Board of Trustees guidelines. Students who fail to meet their financial obligations to the University will be suspended and denied permission to register in succeeding semesters until the obligations have been satisfied. Furthermore, students will be charged all attorney's fees and other reasonable collection costs and charges necessary for the collection of any amount not paid when due. In addition, transcripts will not be provided to any student or former student having financial obligations to the University.

Students who register for a course and neither complete the course nor officially withdraw according to published procedures will receive a grade of “F” in the course and are responsible for all financial obligations associated with the course.

For further information on costs, refunds, payment deadline dates, to review frequently asked financial questions or to ask an email question to the Bursar's Office, please visit the Bursar's Office website at www.southernct.edu/departments/bursar/.

NEW ENGLAND REGIONAL STUDENT PROGRAM
The New England Regional Student Program (RSP) enables New England residents to enroll in out-of-state public colleges and universities in the six state region at reduced tuition rates for certain degree programs that are not offered by their home state public institutions.

Students in this program pay 50 percent above in-state tuition rather than the full out-of-state tuition. Students must submit to the Registrar's Office a new completed application each semester in order to remain eligible for RSP.

Detailed information about the RSP can be obtained through the Registrar's Office or from the Regional Student Program, New England Board of Higher Education, 45 Temple Place, Boston, MA 02111.

VETERANS BENEFITS
The Connecticut State Board of Education has approved Southern’s programs for the training of veterans. Educational assistance is provided by the Veterans Administration under Chapter 31 (vocational rehabilitation act for disabled veterans), Chapter 35 (dependents educational assistance act: children of deceased veterans and of totally disabled veterans and wives and widows of deceased and totally disabled veterans), Chapter 32 (post-Vietnam G.I. Education Bill), Chapter 30 (New GI Bill, effective July 1, 1985), and Chapter 106 (Reserve & National Guard Educational Assistance).

Veterans, children of veterans, and wives and widows of veterans seeking approval for training under these chapters should apply to the Veteran’s Office, Wintergreen Building, for application procedures and qualifications.

TUITION WAIVER FOR VETERANS
For the purpose of granting a tuition waiver, a veteran is anyone who served on active duty in the United States Army, Navy, Marine Corps, Coast Guard, or Air Force, and has been released from active duty under honorable conditions. Eligibility for the G.I. Bill is not a determining factor in granting a tuition waiver to a veteran in Connecticut.

In accordance with Subsection (b) (2) and (d) (2) of Section 10A-99 of the Connecticut General Statutes, any veteran who served as stated below who has been accepted for admission and is a resident of Connecticut at the time of admission is eligible.

• Active duty for at least 90 days during: World War II (12/7/41 - 12/31/46); Korean Hostilities (6/27/50 - 1/31/55); Vietnam Era (12/22/61 - 7/1/75) any child of a Vietnam-era veteran who has been declared a MIA/POW also is eligible, provided the parent entered the service after 1/1/60; Operations Desert Shield, Desert Storm, Enduring Freedom, Noble Eagle, and Iraqi Freedom (8/2/90 to present)
• Engaged in combat or in a combat-support role, having received an Expeditionary Medal or other proof of involvement in such actions for: Peacekeeping Mission in Lebanon (9/29/82 - 3/30/84); Grenada Invasion (10/25/83 - 12/15/83); Operation Earnest Will (escort of Kuwaiti oil tankers — 2/1/87 - 7/23/87); Panama Invasion (12/20/89 - 1/31/90).

Persons who served under any other period are not eligible for a tuition waiver. To qualify, students must bring their DD214 to the Veteran's Office, Engleman Hall, Room B018.

For full-time students who qualify, tuition is waived. The State University Fee, General Fee, Class Dues, Student Activity Fee, and Health Insurance Fee (if student does not have insurance) must be paid. Fifty percent of tuition is waived for part-time students who are eligible for benefits.
TUITION WAIVER FOR SENIOR CITIZENS
Connecticut senior citizens, age 62 and over, are eligible for tuition-free, part-time or full-time study at the University. To take advantage of this tuition waiver, a senior citizen must provide proof of age at the time of registration. The University then waives the State Tuition and the State University Fee. No other University fees are waived.

STATE UNIVERSITY STUDENT EXCHANGE
With the approval of the appropriate University dean, a full-time matriculated student may enroll at another Connecticut State University for a course or courses not available at Southern Connecticut State University. The student continues to be registered at SCSU and continues to pay tuition and fees to SCSU. Grades earned under the State University Exchange become part of the student’s regular transcript at SCSU.

GRADUATE ASSISTANTSHIPS
Each year the University is allocated a fixed amount of funding for graduate assistantships. This is a limited resource and demand far exceeds supply. Requests for assistantships must be made through the departmental Graduate Program Coordinator.

To be eligible for a graduate assistantship at Southern Connecticut State University, a student must have received a letter of acceptance from the School of Graduate Studies and be classified as a full-time graduate student during the period of appointment as a graduate assistant. Reclassification as a part-time student will result in termination of the assistantship.

Any full-time, matriculated, graduate student in good standing may be recommended for a graduate assistantship. Graduate assistants will be paid stipends not to exceed $300.00 for each equivalent of one semester load hour of research, instruction, or laboratory work. The maximum award is eight load hours per semester ($2,400.00) and the minimum award is three load hours per semester ($900.00). As a general rule, one load hour of credit is equal to three hours per week of service during the academic semester.

Graduate assistants are required to pay full-time tuition and the cost of student accident insurance, and students are also required to purchase sickness insurance that provides coverage from August through the end of July. All other fees are waived.

FINANCIAL AID
Graduate students of all income levels are eligible to apply for federal student loans and federal work study (part-time employment). To qualify, all applicants must file the Free Application for Federal Student Aid (FAFSA) by the established priority date of March 10, 2006 to receive their financial aid for the payment of the University bill (tuition and fees). To file the FAFSA, students may complete the application via the Web at www.fafsa.ed.gov or obtain a paper FAFSA, complete the form, and mail it to the federal processor. The school code for Southern Connecticut State University is 001406.

Only graduate students who are admitted as matriculated students are eligible for federal financial aid. Non-matriculated students are not eligible for federal loans and employment. Part-time students (6-8 credits) and full-time students (9 credits or more) are eligible for federal aid and must maintain satisfactory academic progress (SAP) each semester to continue to receive financial aid. The enrollment status of a graduate student will be determined by those "graduate level" courses as defined by the Registrar. Audited courses and undergraduate courses do not count toward attempted credits for financial aid purposes. Graduate students matriculated in teacher certification programs which include undergraduate courses may be eligible for aid for up to one
year as determined by the Office of Financial Aid and Scholarships.

Non-matriculated students seeking financial aid for the summer term must be formally admitted to the Graduate School before the first day of the first summer session. The Office of Financial Aid and Scholarships reviews and processes all eligible students for summer financial aid up to the first day of classes for Summer Session A.

For full-time graduate students, satisfactory academic progress is defined as successful completion of a minimum of 18 semester hours per academic year or two consecutive semesters of enrollment. For part-time graduate students, satisfactory progress is defined as the successful completion of all credits attempted. Graduate students must maintain a cumulative grade point average of 3.0 at all times to remain eligible for financial aid.

There is no financial aid of any kind available for international students at Southern Connecticut State University.

Federal Stafford Student Loan Program (Subsidized and Unsubsidized)
The Federal Stafford Loan Program enables students to borrow money to help supplement their education. Students must demonstrate financial need to be eligible for the subsidized federal Stafford Loan. The federal unsubsidized loan is available to all students regardless of need. Students cannot borrow more than the cost of education minus any other financial aid received from external sources. The interest rate is a variable rate. Repayment begins approximately six months after the student graduates, leaves school, or drops below half time.

Student Employment
There are need-based federal work-study funds available to graduate students who seek part-time employment on campus. If eligible, graduate students could be assigned in their respective academic area of study. All interested applicants should complete the FAFSA before the priority date to be considered for on-campus employment. Employment applications are available in the Office of Financial Aid and Scholarships in the Wintergreen Building.

GRADUATE RESEARCH FELLOWSHIPS
The School of Graduate Studies holds a Graduate Research Fellowship Competition each year for full-time graduate students working toward the master’s degree or sixth year diploma program. Each fellowship award is in the amount of approximately $8,000.00.

Applications require departmental nomination and sponsorship by a member of the graduate faculty who will serve as a research adviser. They must also be associated with scholarly research of a quality that can be submitted for refereed publication or in a refereed creative activity appropriate to the academic discipline.

Consideration for a Graduate Research Fellowship is contingent upon 1) acceptance to a master’s degree or sixth year program, 2) enrollment as a full-time student, 3) a complete fellowship application, 4) sponsorship by a member of the graduate faculty, and 5) nomination by a graduate degree program at SCSU. Applicants should have a minimum cumulative grade point average of 3.4 or higher.

Awards are made by the Dean of the School of Graduate Studies. It is understood that students will not hold other university-supported positions (such as graduate assistant, teaching assistant, or adjunct faculty) while holding the award of Graduate Research Fellow. At the conclusion of each year, fellows deliver oral presentations summarizing their research at the Annual Graduate Research Symposium held the first Thursday in May. Fellows also provide the Dean with a written report that is placed in Buley Library and made available to the university community.
Academic Standards and Regulations

It is the responsibility of the student to become familiar with and keep informed about the policies and regulations of the University and the School of Graduate Studies as well as with the special requirements of his or her own academic program area. While the faculty and administration of Southern will assist a student whenever possible, regulations will not be waived nor exceptions granted because a student is ignorant of regulations or claims that information was not provided by an adviser. Southern Connecticut State University, through its offices and/or appropriate committees, may suspend or dismiss any student from the University for reasons of scholarship, aptitude, conduct, or health. It is also the responsibility of the student to determine requirements of state and federal government agencies for professional certifications.

ACADEMIC HONESTY POLICY
The integrity of scholarship is the cornerstone of the academic and social structure of the University. It is the expressed policy of the University that every aspect of graduate academic life, related in whatever fashion to the University, shall be conducted in an absolutely and uncompromisingly honest manner. Violations of academic honesty are grounds for a failing grade and may result in dismissal from the School of Graduate Studies.

MASTER'S DEGREE REQUIREMENTS
Minimum requirements for a master's degree for students who come to the program with appropriate and complete undergraduate preparation are given below. Students must consult the individual program descriptions for requirements that go beyond those of the School of Graduate Studies.

1. All master's degree programs at SCSU require the successful completion of one or more of the following individual capstone experiences: A thesis, a comprehensive examination, or a special project. The student, with the approval of the graduate program adviser, may change from one option to another until the thesis proposal is accepted by the Dean of Graduate Studies or until the first comprehensive examination is taken.

• THESIS. Students choose to complete a master's thesis to demonstrate ability to make independent use of information and training and to furnish objective evidence of their aptitude in their chosen fields of study. A thesis in the major field is recommended and may be required at the discretion of the graduate program. For specific instructions on the preparation and form of a thesis, the student must obtain: (1) Thesis Proposal Requirements and Guidelines, and (2) Requirements and Guidelines for Graduate Theses from the Graduate Studies Office. A thesis proposal must be approved by the thesis adviser and
the Graduate Studies Dean prior to the preparation of a final thesis. All theses must meet the form, style, and other requirements outlined in the Requirements and Guidelines for Graduate Theses. The thesis, an individual capstone experience, must be directed by a member of the graduate faculty. Final theses must be submitted to the School of Graduate Studies by July 14, 2006 for August graduation; November 3, 2006 for December graduation; and April 13, 2007 for May graduation. The theses are published through ProQuest Information and Learning. The master’s degree is conferred after successful completion of a minimum of 30 credits including the thesis.

• COMPREHENSIVE EXAMINATION. The comprehensive examination in the major field is set by the graduate program concerned and may be scheduled any time after at least two-thirds of the planned program has been completed. A candidate who fails the comprehensive examination may petition the graduate program adviser for a second examination if there are extenuating circumstances. If the petition is not granted, the student will be dismissed from the program. Failure in the second examination results in dismissal from the program and exclusion from further candidacy. The master’s degree is conferred after successful completion of a minimum of 30 credits.

• SPECIAL PROJECT. The special project requires the application or drawing together of knowledge and skills acquired in the graduate program. Projects are typically completed under a particular course designation and result in a written report or other product, such as an audio tape of a performance or photographs of an art exhibit, which will be kept on file for review by students, faculty, and accrediting agencies. The master’s degree is conferred after successful completion of a minimum of 36 credits including the special project.

2. Complete satisfactorily the number of graduate credit hours required on the planned program of graduate studies with a “B” (3.0) or higher quality point average. All courses completed for graduate credit must be passed with a minimum grade of “C” (2.0). No graduate program may include fewer than 30 credits.

3. Complete satisfactorily all additional program degree requirements as defined in the particular graduate program.

4. Complete and submit an application for graduation within the time limits established in the Academic Calendar in the semester Schedule of Classes. Graduation is not automatic upon completion of degree requirements. Students who do not apply for graduation will not graduate. Graduate students who wish to participate in the Graduate Commencement hooding ceremony in May must notify the School of Graduate Studies in writing no later than February.

5. Pay all accounts owed the University. Records and diplomas of students owing money to the University will be held until the account is cleared.

NOTE: Well in advance of graduation, students who will graduate with a master’s degree that includes teacher certification must check with the appropriate teacher certification liaison in the School of Education about the Connecticut State requirement for subject knowledge testing called PRAXIS II.

SIXTH YEAR DIPLOMA REQUIREMENTS

Programs leading to the Sixth Year Professional Diploma of Advanced Study provide opportunities for experienced and qualified candidates to pursue a planned program of advanced graduate work beyond the master’s degree and to develop additional competency in an area of specialization.
Requirements two through five above, which govern the master’s degrees, apply also to the Sixth Year Professional Diploma. Applicants to sixth year programs must hold a master’s degree from a regionally accredited college or university with a grade point average of at least 3.0. Requirement one is optional at the discretion of the Sixth Year Program Director.

All requirements, including any transfer credit, must be completed within a period of six years immediately preceding the awarding of the Sixth Year Diploma. Credits accepted in transfer must have been completed with a “B” (3.0) or higher grade and must be approved by the graduate program adviser. Transfer credit for the Sixth Year must have been taken after the master’s degree was earned and within the past six years. The sixth year planned program of studies requires at least 30 graduate credits with a minimum of 15 credits in 600-level courses as approved by the department in which the student is enrolled.

DOCTORAL PROGRAM REQUIREMENTS
Minimum requirements for completion of the doctoral program are outlined in the section entitled "Educational Leadership" under "Programs, Courses and Faculty" in this catalog.

TIME LIMITATION TO COMPLETE PROGRAMS
All requirements for a graduate degree at SCSU must be completed within a period of six years prior to the granting of the master's degree or sixth year diploma. The six year period begins with the semester in which the first graduate course is completed and applied to the program and not with the date of acceptance. Graduate courses more than six years old at the time of graduation do not count toward meeting degree requirements. This includes transferred courses. If time for completion of courses on a planned program extends beyond six years, the student assumes the risk of having to meet new requirements. This means that both courses and planned programs have, at best, a six year validity.

Students enrolled in the doctoral program have seven years to complete the degree. An extension of the time to complete degree requirements may be granted if there are compelling extenuating circumstances. To obtain an extension, a student must petition his or her graduate program adviser prior to the expiration of the course or program. The graduate program adviser then forwards the petition, with a recommendation, to the Dean of Graduate Studies. The student and the adviser will be notified in writing of the approval or disapproval of the petition. An extension of more than one year is rarely granted.

When an approved program expires, the student must reapply to the School of Graduate Studies and plan a new program of study, if readmitted by the academic department. Courses that do not meet the six year validity period cannot be applied to a new program of study unless revalidated by examination. Some graduate programs permit revalidation, others do not. If the academic department has a revalidation process, the student’s current state of knowledge and proficiency in the content, methodology, and skills of each course must be determined and certified by the graduate coordinator. School of Graduate Studies policy does not permit revalidation of more than half of the expired coursework on a planned program. Revalidations must be approved and sent to the School of Graduate Studies before the student is readmitted.

JOINT DEGREE PROGRAMS
Students who apply for a joint degree must meet the admission and graduation
requirements of each program. Students are also required to be matriculated concurrently in each program. Joint degrees are awarded only when all requirements for each program are met.

ENGLISH PROFICIENCY
Any student whose native language is not English must present a TOEFL score of at least 550 paper based and 213 computer based or the ESL 109 certificate unless he or she has received a bachelor’s or master’s degree from an accredited institution in the United States. The student may also be required to pass an English proficiency examination prior to initial registration. Those students whose scores indicate that they are not prepared for graduate study that is conducted in English will not be permitted to register for graduate work until proficiency in English is demonstrated.

SEMESTER COURSE LOAD
The maximum load for a graduate student during the fall or spring term is 15 hours, and 9 to 12 credits is considered a full load. Courses audited do not count toward minimum graduate hours required for classification as a full-time student. Registration for more than 15 hours during any semester may be granted to students who have achieved an average of 3.25 or better in at least nine hours of graduate work. The student must present the School Dean with a completed “Petition for an Irregular Schedule” that has been signed by his or her adviser. There is an over-registration fee of $406 per credit for registration of more than 15 credits.

CONTINUOUS ENROLLMENT
Continuous enrollment requires that every graduate student maintain at least six credits toward his or her degree program every calendar year (a minimum of three credits in the fall and spring terms respectively) from the time of acceptance by the School of Graduate Studies until completion of all requirements for the graduate degree. Students enrolled for thesis may take fewer than six credits per calendar year but must pay the continuous enrollment fee.

Graduate students who have completed all course requirements must remain continuing students until all degree requirements have been met. Students must register for a course each semester or pay the $40.00 fee to maintain continuous enrollment. Payment of the $40.00 fee each semester for this status permits use of the library and computer facilities and access to faculty advisers. Students who fail to maintain continuous enrollment status will be charged $40.00 for each semester not registered.

Graduate students who are not enrolled in courses by the end of the first week of classes will be billed the continuous enrollment fee. Students who pay the continuous enrollment fee but are not enrolled in a course(s) are not eligible for financial aid.

In extenuating circumstances, a student may petition for exception to the continuous enrollment policy. The petition must be made in writing by the student to the Dean of Graduate Studies.

If the petition is approved by the Dean of Graduate Studies, a letter to that effect will be sent to the student with a copy to the adviser, and the approved petition will be placed in the student’s permanent file.

NOTE: The period of exception is counted as a part of the six-year period allowed for completion of degree requirements.

Students who are admitted to the School of Graduate Studies and who do not register
for courses within one year of acceptance are automatically withdrawn from the University. Students who wish to maintain matriculated status for more than one year while not registering for courses must petition the Dean of Graduate Studies in writing and pay the continuous enrollment fee of $40.00 for each semester. Any student who fails to pay the continuous enrollment fee for two consecutive semesters will lose matriculation status.

UNDERGRADUATE COURSES FOR GRADUATE STUDENTS
Graduate program advisers may approve up to six undergraduate credits in courses at the 300 and 400 level completed at SCSU to fulfill the requirements for the master's degree. Such coursework must be taken after a student is accepted to a graduate program and must not be of a remedial nature. This is typically done when a comparable graduate course will not be offered in the near future. Advanced undergraduate courses may be applied to master’s degree programs only, not to sixth year programs. Undergraduate courses are numbered 100 through 400. Graduate level courses are numbered 500 and higher. Graduate students enrolled in undergraduate courses are billed at the graduate rates.

GRADUATE COURSES FOR UNDERGRADUATE STUDENTS
A senior in good standing, with at least a 3.0 QPR, may take graduate courses for graduate credit to meet undergraduate requirements with the presentation of a completed “Petition for Irregular Schedule.” The petition must have the signature of the student’s adviser before it is presented to the Dean of the School of Graduate Studies for approval. The petition must also be consistent with departmental stipulations regarding course eligibility. No more than nine semester hours in graduate courses may be earned by an undergraduate student toward a graduate degree at Southern. Graduate courses taken to meet undergraduate requirements may not be used as part of a future graduate program. Undergraduate students are limited to one graduate course per semester. Part-time undergraduate students enrolled in a graduate course are billed at the graduate rates.

GRADING SYSTEM
The Graduate School uses a system of letter grades that have been assigned numerical “quality points”.

<table>
<thead>
<tr>
<th>LETTER GRADE</th>
<th>QUALITY POINT EQUIVALENT</th>
<th>RELATION TO PERFORMANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.0</td>
<td>Superior Performance</td>
</tr>
<tr>
<td>A</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
<td>Expected Performance</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td>Passing but below</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
<td>Graduate Standards</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
<td>Unacceptable</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
<td></td>
</tr>
</tbody>
</table>
38 Academic Standards and Regulations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>None Pass in pass/fail courses</td>
</tr>
<tr>
<td>S</td>
<td>None Pass in course taken under pass/fail option</td>
</tr>
<tr>
<td>Z</td>
<td>None Audit</td>
</tr>
</tbody>
</table>

In addition, the following codes are used to indicate unusual situations.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>None Student never attended.</td>
</tr>
<tr>
<td>Q</td>
<td>None Student must register again.</td>
</tr>
<tr>
<td>R</td>
<td>None No grade reported.</td>
</tr>
<tr>
<td>W</td>
<td>None Officially withdrawn.</td>
</tr>
<tr>
<td>WF</td>
<td>None Officially withdrawn with failing grade.</td>
</tr>
<tr>
<td>WP</td>
<td>None Officially withdrawn with passing grade.</td>
</tr>
<tr>
<td>X</td>
<td>None Grades withheld for non-payment</td>
</tr>
</tbody>
</table>

GRADES/TRANSCRIPTS
Semester grades are available to students through SCSU Web Services. All students can log into the system with their PIN and view their final grades. Semester grades are available for a time prescribed in the semester Schedule of Classes calendar. For official documentation of grades, requests must be made for University transcripts in writing on forms available in the Registrar's Office or a letter may be sent to: Registrar's Office, Wintergreen Building, SCSU, 501 Crescent Street, New Haven, CT 06515-1355. Requests for transcripts should include the following information: full name; address; social security number; dates of attendance at SCSU; complete name and address of recipient including zip code, institution, and department. At the student's request, transcripts may be held for completion of courses in progress until final grades are posted for the current semester.

QUALITY POINT RATIO
The quality points for each grade are multiplied by the number of credits for the course. Total quality points for all courses are added and the sum is divided by the total number of course credits attempted. The result is the student’s quality point ratio (QPR). The grades of “I,” “P,” “Q,” “S,” “W,” “WF,” “WP,” and “Z” carry no quality points and the credits for these courses are not considered in the total credits attempted. These grades, therefore, have no effect on the QPR.

GRADE APPEALS
In all cases, the awarding of grades is the responsibility of the instructor. A student who believes that an instructor has made an error concerning a grade for a course must initiate a complaint by the end of the semester following the period in which the grade was awarded. The student should first contact the instructor involved and attempt to resolve the matter. If it is impossible for the student to contact the instructor or if a resolution cannot be reached, the student will need to discuss the complaint with the department chairperson. If the student, chairperson, and instructor are unable to reach an agreement, the department chairperson may then decide to convene an elected committee of at least three department members. This committee shall, in consultation with the instructor, student, and appropriate counselor (consulted only in cases where a withdrawal is an issue), decide the merits of the complaint. If the department chairperson decides not to convene the committee, the student may appeal this decision to the appropriate academic dean.

For additional information, students are advised to confer with the appropriate academic dean.

PASS-FAIL OPTION
With the approval of their graduate program advisor, matriculated students who have completed at least nine credits of graduate work with a “B” (3.0) or higher average are
eligible to register for certain categories of courses on a pass-fail basis. The application form, which is available in the Office of Graduate Studies, must be accepted by the Registrar prior to the beginning of the fourth week of the semester.

REPEATING A COURSE
A course may be taken more than once but, unless specifically noted otherwise, credit may be offered only once toward degree requirements. If a course is repeated, both grades will appear on the permanent record and will be used in determining the cumulative QPR.

INCOMPLETE COURSES
The grade of “I” (Incomplete) is given for work that was passing but which could not be completed due to circumstances beyond the student’s control. An “Incomplete” may not be given to enable a student to do additional work to raise a deficient grade. If the instructor deems the reason the student has requested an “Incomplete” is valid, the instructor will determine whether requirements for completing work will be accomplished by:

A. Completing the work in a manner satisfactory to the instructor not more than 30 days into the next semester, in which case a grade of “I” is assigned.

B. Reregistering for the course in the next semester, in which case the student is assigned a “Q.”

Option A or B must be selected at the time the instructor agrees that circumstances warrant an “Incomplete.” Once an option is selected it may not be changed. The instructor will record an “I” or a “Q” on the grade sheet. If a student fails in his responsibility to complete the work within the time period the grade will automatically be changed to an “F.” A “Q” may not be changed at a later date. No credits are awarded for a grade of “Q.” It is counted as an audit.

INDEPENDENT STUDY
Only matriculated students who have completed at least nine credits of graduate work and have attained at least a “B” (3.0) average are eligible for independent study. The application form, which outlines policies and guidelines, is available in the Office of Graduate Studies. A completed form must be presented to the Registrar’s Office for scheduling before a student can register for independent study.

TRANSFER CREDIT
The amount of graduate work transferable to a graduate degree program from other colleges or universities is limited to a maximum of nine credits or 25 percent of the total credits required for the graduate degree, not including prerequisites. Many graduate programs have more restrictive policies. Courses applied to a previously earned degree, diploma, or certificate are not transferable. In order to be transferred, a course or courses must meet the following criteria:

A. graduate level from a regionally accredited institution authorized to grant graduate degrees

B. passed with a grade of “B” (3.0) or higher; (pass/fail courses may not be transferred)

C. within the six year limit at the time of graduation

D. recorded on an official transcript from the granting institution

E. included on the planned program by the graduate program adviser
F. not used toward another degree

Students must submit an official transcript showing proof of completion of the course(s) to be transferred. Credit hours only, not grades, may be transferred. No transfer credit will be posted until the student has been accepted into a graduate program and has successfully completed at least one semester at SCSU. The QPR is computed for grades earned at SCSU only.

Transferred courses cannot be revalidated if beyond the six year limit for inclusion in a graduate program.

WAIVER OF REGULATIONS

Students who wish to deviate from School of Graduate Studies regulations and procedures must present a written petition to the graduate program adviser. He or she will review the petition and forward it, with a written endorsement, through appropriate department and academic school procedures, to the Dean of Graduate Studies who will make the final decision.

SUSPENSION AND PROBATION

Any matriculated student who attempts nine or more credits that results in a cumulative quality point ratio of less than 3.0 in an academic program is automatically on probation. If, after attempting an additional nine credits, the QPR is still below 3.0, the student will be suspended.

A student whose QPR falls below 3.0 during the last semester of course work will be placed on probation and given one semester to raise the QPR to the 3.0 level required for graduation. If, after completing an additional semester of work, the QPR is still below 3.0, the student will be suspended.

A student who is suspended may apply for readmission to the same program after the lapse of one semester. To be readmitted, the student must submit a petition to the graduate program coordinator describing why he or she will be successful if readmitted. The Graduate Program Coordinator will return the petition to the student with reasons for disapproval or will forward it to the Dean of Graduate Studies with a recommendation for approval.

The petition with the endorsement will be filed in the Office of Graduate Studies. If it is approved by the Dean of Graduate Studies, a copy will be sent to the graduate program adviser and the student. A petition that is not approved will be returned to the graduate program adviser with a letter stating the reasons for not approving the petition.

A readmitted student must achieve a minimum grade point ratio of 3.5 in the next 12 credits of coursework taken. Should the student fail to achieve 3.5, he or she will be dismissed from the School of Graduate Studies with no option for readmission.

Some academic programs set higher standards than those of the School of Graduate Studies for academic performance. Students matriculated in those programs are subject to the higher standards required in their programs.

The School of Education requires graduate certification students to maintain a 3.0 (B) grade point average. A student who, after acceptance to a teacher education program, obtains a grade point average of less than 3.0 will be placed on probation by both the School of Education and the School of Graduate Studies and will be ineligible for student teaching. The student will have one semester to raise the grade point average to 3.0 or higher. Failure to do so will result in dismissal from the certification program.
ACADEMIC DISQUALIFICATION
Graduate education requires continuous evaluation of the student. This evaluation includes not only periodic objective evaluations such as grades, performance on comprehensive examinations, and acceptance of thesis or projects, but also subjective appraisal by the faculty of the student’s progress and potential.

Continuation in a graduate program is contingent upon positive, ongoing faculty evaluation of the graduate student’s grades, professional or scholarly attributes, and performance in real or simulated professional situations. A student may be suspended or dismissed from a graduate program for deficiencies in any of the foregoing.

In the event of alleged academic misconduct, the incident will be handled as outlined in the Southern Connecticut State University Student Handbook.

DISCIPLINARY DISQUALIFICATION
Southern Connecticut State University defines student misconduct as behavior that is in violation of regulations established by the Board of Trustees for the Connecticut State University, of University regulations, and of rules governing residence on University property. Graduate students, as citizens, are subject to all federal and state laws, in addition to all University regulations governing student conduct and responsibility. A student may be suspended or dismissed from the School of Graduate Studies for violating laws, rules, or regulations.

APPEAL OF DISMISSAL/STUDENT GRIEVANCES
Upon dismissal from an academic program and the recommendation of the School Dean, students also may be subject to dismissal from the University, from admission to matriculation in other academic programs, and from further course registration. Students should refer to the Southern Connecticut State University Student Handbook for detailed information on University policies and procedures regarding grievances.

APPLICATION FOR DEGREE/DIPLOMA
A student must apply for graduation by completing the application on the web at www.southernct.edu/services/registrar/index.php?file=GradDegreeApp.php. The degree application must be completed according to deadline dates that are published for each degree cycle which are prior to the beginning of the last semester of course work. (Check deadline dates with the Registrar's Office or in the calendar in the Schedule of Classes.) Any student who does not apply for graduation will not graduate. The transcript will show the courses and requirements completed but will not include the notation “DEGREE AWARDED” and the date of graduation. Students who fail to file by the prescribed time must file for the next application period.

Students must maintain an overall 3.0 QPR for courses in the planned program in order to be eligible to graduate.

GRADUATION
Degrees and diplomas are issued three times a year, in January, May, and August. There is no formal commencement exercise in January or August. Students completing requirements at the end of the fall or summer term may elect to participate in the next spring commencement ceremony. All diplomas are mailed to addresses indicated on the diploma application. A graduate commencement with hooding ceremony is held in late May. Students must apply to participate in the commencement with hooding ceremony.

The awarding of a master's degree or a sixth year diploma is not an automatic process. Students must apply for graduation by obtaining a "Graduate Degree Application"
form from the Registrar's Office and return it by the established deadline. The Registrar's Office processes all applications for graduation and notifies students of their eligibility to graduate. Any student who does not submit a "Graduate Degree Application" to the Registrar's Office by the established deadline will not graduate.

Students who have been cleared for graduation by the Registrar's Office are eligible to participate in the graduate commencement ceremony. Students who wish to participate in the ceremony must notify the School of Graduate Studies in writing by February. Academic regalia for commencement are available through the University Bookstore.

COURSE WITHDRAWAL

Full-time and part-time students may withdraw from a full semester course prior to the 10th week of classes; for an eight-week course prior to the fourth week of classes. Such a withdrawal is recorded as a “W” on the transcript record. Each faculty member should provide formal evaluation so that each student will know his or her class standing prior to the end of the period for course withdrawals.

A student can withdraw from a course in the Registrar's Office, Wintergreen Building, prior to the end of the withdrawal period. It is understood that every student should confer with his or her instructor and academic adviser to ensure proper faculty advisement before withdrawing from a course. Deadlines for students to change their status are listed in the Schedule of Classes.

 Withdrawals after the nine-week period (or five-week period for eight-week courses) must be done with the consent of the instructor. Late course withdrawals are to be viewed as exceptions to the general policy. In a case where the instructor feels a late withdrawal is justified, the instructor should obtain and complete a Late Course Withdrawal Form available in the Registrar's Office. At this time the instructor will assign a grade of either “WP” (Withdrawn Passing) or “WF” (Withdrawn Failing). The Late Course Withdrawal Form must be approved and signed by both the instructor and the department chairperson. In the event that the instructor teaching the course is the department chairman, then the Dean of Graduate Studies must also sign the original form. The entire form will be submitted to the Registrar's Office.

If a student is denied a late course withdrawal, he or she may grieve that decision as the assignment of an allegedly improper grade in accordance with the procedures outlined in the Student Handbook.

No late course withdrawals will be allowed after the last scheduled class. No late course withdrawals will be allowed during the final exam period.

WITHDRAWAL FROM GRADUATE SCHOOL

Part-time or full-time matriculated graduate students who wish to withdraw completely from the graduate program must complete a “Graduate Student Withdrawal Form,” which can be obtained from the Registrar's Office in the Wintergreen Building. The student's status is then changed to that of a non-matriculated student immediately or at the end of the semester, as requested by the student. If a student who has withdrawn wishes to resume graduate study, re-application to the School of Graduate Studies is required. This process is separate from withdrawal from courses in a given semester.
Programs, Courses, and Faculty

ART
BILLIS, MITCHELL, Chairperson, Associate Professor; B.A., The Pennsylvania State University; M.F.A., Tyler School of Art of Temple University. Tel. (203) 392-6649, FAX (203) 392-6658. E-mail: billism1@southernct.edu
WHITEHEAD, JESSIE L., Graduate Coordinator, Assistant Professor; B.F.A., M.F.A., Mississippi University for Women, Ph.D., Florida State University. Tel. (203) 392-8913. E-mail: whiteheadj3@southernct.edu
BROWNELL, MIA, Associate Professor; B.F.A., Carnegie Mellon University; M.F.A., State University of New York at Buffalo
CARR, T. WILEY, Professor; B.F.A., Indiana University; M.F.A., Yale University
CONNORS, KATHLEEN E., Professor; B.F.A., Massachusetts College of Art; M.Ed., Ph.D., Pennsylvania State University
GUAGLIUMI, ARTHUR R., Professor; B.S., M.S., Southern Connecticut State University, Ed.D., Columbia University
HATCHER, KEITH, Professor; B.F.A., Indiana University; M.F.A., Tulane University
INGUANTI, JOSEPH, Professor; B.A., State University of New York at Binghamton; M.A., Ph.D., Yale University
LAVIN, TERRENCE, Associate Professor; B.S., Skidmore College; M.F.A., Bowling Green University
LEVINE, DAVID, Professor; B.A., Oberlin College; M.F.A., Ph.D., Princeton University
SERCHUK, CAMILLE, Professor; B.A., University of Pennsylvania; M.A., M.Phil, Ph.D., Yale University
SIERPINSKI, CORT, Professor; B.A., Central Connecticut State University; M.F.A., University of Massachusetts Dartmouth
VU, THUAN, Associate Professor; B.A., Centre College; M.F.A., Louisiana State University
WIEDER, CHARLES, Assistant Professor; B.F.A., University of Arizona; M.S., Queens College; Ph.D., Stanford University

APPLICATION DEADLINE:
May 1 for Fall semester
December 1 for Spring semester

ADMISSION REQUIREMENTS
The Art Department offers a program of graduate study leading to the Master of
Science degree in Art Education (minimum 36 credits), and a non-degree program for K-12 certification (minimum 30 credits).

Candidates who have official transcripts and the application form on file in the School of Graduate Studies Office, and two letters of recommendation and a typed 500 word essay addressing why they want admission to the program on file in the Art Department, may call the Graduate Coordinator, Dr. Jessie Whitehead, at (203) 392-8913, e-mail Dr. Whitehead at whiteheadj3@southernct.edu, or call the Art Department at (203) 392-6653 for an appointment. Letters of recommendation and essays should be sent directly to the Art Department.

Applications must be received by May 1 for the fall semester and by December 1 for the spring semester for admission for the following term. Prospective students may register as part-time non-matriculated students in graduate courses. Up to nine credits of non-matriculated course work may be applied toward a degree or certification program.

**MASTER OF SCIENCE DEGREE IN ART EDUCATION**

**Minimum 36 credits**

The Master of Science degree in Art Education is designed for the candidate who is a certified art teacher seeking to enhance his or her teaching and knowledge of the field of art education, or to pursue related fields of study such as arts administration or art museum education.

Program Requirements:

- **ART 570** — Seminar in Elementary School Art Education — 3 credits
- **ART 572** — Seminar in Secondary School Art Education — 3 credits
- **ART 503** — Philosophies of Art — 3 credits
- Studio Art electives — 12 credits
- Art History elective — 3 credits
- Free electives — 9 credits

In addition, students are required to choose one of two options for a culminating program experience: a master's thesis or a special project.

**MASTER'S THESIS:**

Thesis Seminar (ART 590) and Thesis — 6 credits (replaces two free electives)

**SPECIAL PROJECT:**

In lieu of a thesis, candidates may elect a program of 36 credits that includes a special project (ART 600) with departmental advisement and approval.

**ART TEACHER CERTIFICATION (K—12) ONLY**

**MINIMUM 30 CREDITS**

This program is for the graduate of a fine arts program (which included a minimum of 36 credits in studio arts and 6 credits in art history) who seeks certification to teach art in the public schools. This is an individualized program that provides specific courses and student teaching experience to meet the certification requirements of the Connecticut State Board of Education. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.
Program Requirements:
ART 270 — Introduction to Art Education. Prerequisite: any one of the following courses: ART 112, 113 or 150. 3 credits
ART 370 — Art Education (Elementary School). Prerequisite: ART 270 and passing scores or waiver of Praxis I examination. 3 credits
ART 371 — Art Education (Secondary School). Prerequisite: ART 270, 370 and passing score or waiver of the Praxis I examination. 3 credits
HIS 110 or HIS 112 — U.S. History — 3 credits (elect one)
PSY 215 — Adolescent Psychology — 3 credits
SED 481 or SED 482 — Teaching Exceptional Students — 3 credits
SHE 203 — School Health — 3 credits
EDF 520 - EDF 524 — Educational Foundations — 3 credits (choose one course)
EDU 300 — Student Teaching I — 6 credits
EDU 400 — Student Teaching II — 6 credits
IDS 470 — Literacy in the Content Areas — 1.5 credits
IDS 471 — English Language Learners in the Classroom — 1.5 credits

ART COURSES
ART 500 — Contemporary Movements in Art
Overview of the fine arts since 1945, with an accent on the changes in aesthetics that influence major trends. Prerequisite: 3 credits in art history. Scheduled every third semester. 3 credits.
ART 503 — Philosophies of Art
The major shift from traditional Western aesthetics to the ideas and philosophies of contemporary art. Prerequisite: 3 credits in art history or philosophy. Scheduled every spring semester. 3 credits.
ART 520 — Painting I
Advanced oil and water color painting. Subjects may include the human figure. Prerequisite: At least 6 credits in painting. Scheduled irregularly. 3 credits.
ART 521 — Painting II
Advanced painting, reflecting contemporary thinking and based on a thorough knowledge of design techniques. Prerequisite: ART 520. Scheduled irregularly. 3 credits.
ART 540 — Pottery
Advanced wheel-throwing, techniques and treatment of surface areas. Prerequisite: 3 credits in pottery. Scheduled every third semester. 3 credits.
ART 541 — Ceramic Sculpture
Basic sculptural principles and techniques applied to diverse problems of sculptural form, mass, and space in terms of low and high relief, and sculpture in the round. Carving, modeling, and construction techniques. Prerequisite: 3 credits in ceramics. Scheduled every third semester. 3 credits.
ART 550 — Crafts
An advanced course in media, appropriate to the needs and interests of the group. Prerequisites: 3 credits in design and 3 credits in crafts. Scheduled summer semesters.
3 credits.

ART 551-552 — Advanced Drawing I-II
A variety of media, subjects, and approaches to drawing. Periodic critiques and selected readings. Scheduled irregularly. 3 credits each.

ART 553 — Advanced Crafts
A continuous investigation of a particular craft in which the student has already developed basic skills. Prerequisites: ART 550 and 3 credits in a related graduate crafts area. Scheduled summer semesters. 3 credits.

ART 556 — Etching, Woodcut, Collagraphy
Individual work in etching, woodcut, and collagraphy based upon student experience. Prerequisite: undergraduate advanced drawing. Scheduled irregularly. 3 credits.

ART 561 — Lithography, Silkscreen
Individual work in lithography and silkscreen based on student experience. Prerequisite: undergraduate advanced drawing. Scheduled irregularly. 3 credits.

ART 562 — Advanced Etching, Woodcut, Collagraphy
A continuation of ART 560. Prerequisite: ART 560. Scheduled irregularly. 3 credits.

ART 563 — Advanced Lithography, Silkscreen
A continuation of ART 561. Prerequisite: ART 561. Scheduled irregularly. 3 credits.

ART 566 — Introduction to Photography
Covers camera and darkroom techniques necessary for the exploration of vision. Emphasizes the psychological and philosophical aspects of the medium. Scheduled summer semesters. 3 credits.

ART 569 — Advanced Photography
A concentration on the advanced level of the photo-series and other thematic forms. Elements of image making stressed. Prerequisites: 6 credits undergraduate photography or departmental permission. Scheduled summer semesters. 3 credits.

ART 570 — Seminar in Elementary Art Education
Elementary art education issues, current research, and related studio and aesthetic experiences; teaching strategies, resources, subject-content, developing artistic intelligence, creativity, aesthetics and perceptual awareness, and the role of the elementary art teacher in contemporary society. Scheduled fall semesters. 3 credits.

ART 572 — Seminar in Secondary Art Education
Issues and related studio and aesthetic experiences in teaching adolescent art including teaching strategies, current research, resources, subject-content, perception, creativity, aesthetics, and the role of the secondary art teacher in society. Scheduled spring semesters. 3 credits.

ART 573 — Women, Art, and Education
A seminar and cooperative learning course which addresses issues of sexism, racism, cultural bias, elitism, historical and contemporary perspectives of women’s contributions to the arts as artists, educators, philosophers, historians, patrons, and collectors. Scheduled irregularly. Cross-listed as WMS 573. 3 credits.

ART 576 — Photography and Visual Awareness
A non-darkroom study of how camera and lens structure and shape visual experience. Emphasis is on increasing and expanding visual awareness. 35 mm camera required. Scheduled summer semesters. 3 credits.
ART 579 — Digital Photography
Creative photo-imaging using the Macintosh platform and electronic darkroom software. Related ethical issues are covered. Camera required. Prerequisites: ART 566. Scheduled irregularly. 3 credits.

ART 582 — Advanced Digital Photography
Creative photo-imaging using advanced techniques of image transformation and manipulation. Camera required. Prerequisite: ART 579. Scheduled irregularly. 3 credits.

ART 585 — Biological Illustration
Emphasis on the basics of biological illustration and focus on five techniques: pen and ink, carbon dust, colored pencil, transparent watercolors, and watercolor airbrush. Use of mechanical and optical drawing aids (e.g., cameral lucida and microprojector) will be presented along with detailed discussion of the technical aspects of biological illustration. Students will complete projects using the techniques presented. Scheduled spring or summer semesters. Also listed as BIO 582. 3 credits.

ART 590 — Thesis Seminar
Prerequisite: departmental permission. Scheduled fall and spring semesters. 6 credits.

ART 598 — Advanced Problems I
Independent work in a studio art area in which the student has taken all available courses. Prerequisite: departmental permission. Scheduled fall and spring semesters. May be repeated for credit. 3 credits.

ART 599 — Advanced Problems II
Independent work in a studio art area in which the student has taken all available courses. Prerequisite: departmental permission. Scheduled fall and spring semesters. May be repeated for credit. 3 credits.

ART 600 — Directed Study and Research
Identification and investigation of a problem in the field of art or art education under the direction of a faculty member and a presentation of a scholarly document summarizing the study or research. Designated course for the special project. Prerequisite: departmental permission. Scheduled fall and spring semesters. 1-6 credits.
BIOLOGY

SMITH, DWIGHT G., Chairperson, Professor; B.S., Elizabethtown College, M.S., Ph.D., Brigham Young University. Tel. (203) 392-6222, E-mail: smithd1@southernct.edu

LERUD, REBECCA F., Graduate Coordinator, Professor; B.A., St. Olaf College; M.S., Ph.D., Indiana University. Tel. (203) 392-6214, E-mail: lerudr1@southernct.edu

AVERY, DAVID F., Professor; B.S., M.S., Ph.D., Brigham Young University

BURIAN, STEVEN K., Professor; B.S., Springfield College; M.S. Tennessee Technological University; Ph.D., University of Maine

CRAWFORD, SARAH C., Associate Professor; B.S., Marymount Manhattan College; M.S., Princeton University; M. Phil., Ph.D., Columbia University

EDGINGTON, NICHOLAS P., Assistant Professor; B.A., University of Northern Iowa; M.A., Drake University; Ph.D., Iowa State University

FENG, JANE J., Professor; Ph.D., University of Connecticut

GRACE, SEAN P., Assistant Professor; B.A., University of Maryland; M.S., Ph.D., University of Rhode Island

APPLICATION DEADLINE:
Rolling admissions

MASTER OF SCIENCE DEGREE IN BIOLOGY

The Master of Science degree in biology is primarily for students with a strong undergraduate preparation in biology who desire to prepare for advanced study, to teach at the college level, or to pursue a career in research. Students entering this program are encouraged to undertake thesis research as a means of satisfying the degree requirements.

A student desiring admission must offer an undergraduate major in biology consisting of a minimum of 50 credits in science, including a minimum of 30 credits in biology, 6 credits of chemistry, and one semester of college mathematics. Upon acceptance by the department, the student is assigned an interim adviser who assists him in arranging a program of study.

Thesis
Requires completion of an approved program consisting of a minimum of 30 credits including 2 credits of seminar; 6 credits in thesis research (BIO 590). Thesis approval requires satisfactory oral defense of the thesis.

Comprehensive Examination
Requires completion of an approved program consisting of a minimum of 30 credits including 2 credits of seminar. Students in this program must pass a final written comprehensive examination administered by the department.

Special Project
Requires completion of an approved program consisting of a minimum of 36 credits, including a special project, 2 credits of seminar and 3 credits of BIO 600, Independent Study and Research, or BIO 601, Independent Study for Nurse Anesthetist.

MASTER OF SCIENCE DEGREE IN BIOLOGY — FOR NURSE ANESTHETISTS

Jane J. Feng, Professor and Program Coordinator. Telephone: (203) 392-6213.

Dennis Buonafede, M.D., Medical Director

Nancy Moriber, Program Director, SCSU-Bridgeport Hospital Nurse Anesthesia
Program. Telephone: (203) 384-3054.

The Master of Science Degree in Biology for nurse anesthetists is for registered nurses who have graduated from an accredited nursing program and hold a bachelor's degree in nursing or in a related science (biology, chemistry, physics). This program is based on joint acceptance by Southern Connecticut State University's School of Graduate Studies and the Bridgeport Hospital School of Nurse Anesthesia. A student in this program must complete 36 credits of graduate course work including 2 credits of seminar and 3 credits of BIO 601, Independent Study for Nurse Anesthetists. The student will also complete 16 credit hours in anesthesia course work and at least 550 anesthetic cases in a clinical practicum at Bridgeport Hospital. Successful graduates are awarded a Master of Science degree in Biology, a certificate in nurse anesthesia practice, and are eligible for the national certification examination for nurse anesthetists.

Admission requirements include a minimum undergraduate grade point average of 3.0 with a strong grade performance in all science courses, a minimum of two semesters of biology, two semesters of chemistry (inorganic and organic) and one semester of microbiology. A general physics course is highly recommended. At least one year of acute care experience as a registered nurse is required during which time the applicant must have had the opportunity to manage the nursing care of critically ill patients, display independent decision making ability, demonstrate psychomotor skills, gain expertise in the use and interpretation of advanced physiologic monitoring devices and establish competence in the administration of vasoactive drugs based on physiologic and pharmacologic principles.

Initial application to the program must be made directly to the SCSU-Bridgeport Hospital Nurse Anesthesia Program located at Bridgeport Hospital. An application may be obtained via the program website at www.bhnap.org or by contacting the program directly at (203) 384-3054.

It should be noted that students in this program have available to them all the rights and privileges of any SCSU student including the right of due process as outlined in the student handbook.

MASTER OF SCIENCE DEGREE AND CERTIFICATION

Dr. Sean Grace, Assistant Professor. Telephone: (203) 392-6216.

The Master of Science degree is for elementary and secondary school teachers, who desire to increase their competency in this area of specialization. The entrance requirements and planned programs are flexible to accommodate the wide range of backgrounds and special needs of teachers.

A student seeking admission to this program must offer an undergraduate background including a minimum of 24 credits in biology, 6 credits in chemistry, and one semester of college mathematics. Upon acceptance by the department into the program, the student is assigned an adviser who assists the student in arranging a program of study appropriate to the individual. Successful completion of a certification program fulfills the requirements for the Initial Teaching Certificate in Connecticut.

In addition to meeting the requirements for the master of science degree in biology, the following core courses are required for certification:

EDF 520-526 — Educational Foundations
EDU 452 — Secondary School Student Teaching
EDU 453 — Student Teaching Seminar
EDU 493 — Science (Secondary School)
HIS 110 — U. S. History
PSY 370 — Educational Psychology
SED 482 — Teaching Exceptional Students in Secondary Education Classroom
SHE 203 — School Health

Refer to the section titled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.

BIOLOGY COURSES

BIO 501 — Conservation Ecology
Conservation ecology, populations, and environmental systems. Demographic techniques, land use, pollution topics and demography. Scheduled fall and summer semesters. 3 credits.

BIO 502 — Population and Community Ecology
Structure, dynamics, theory, sampling methods, statistical analyses, and use of models for the study of populations and communities. Prerequisites: undergraduate ecology or departmental permission. Scheduled fall semesters. 3 credits.

BIO 504 — Evolution
Principles of modern evolutionary theory and methods of analysis. In depth study of events and processes that affect the structure of populations, species and ecosystems. Prerequisite: one year of biology including genetics. Scheduled summer semesters. 3 credits.

BIO 512 — Marine Invertebrate Ecology
Natural history and ecology of marine invertebrates. Ecological analysis of the dominant marine invertebrate communities. Limiting factors that affect the distribution of invertebrates. Students must provide their own transportation for required field trips. Prerequisite: BIO 229. Scheduled fall semesters. 3 credits.

BIO 513 — Coastal Ecosystem Management
Hydrography, microbiota, plankton, benthos, nekton, physiology, biological production and environmental degradation of estuarine habitats. Scheduled spring semesters of even years. 3 credits.

BIO 518 — Advanced Microbiology
In-depth treatment of bacterial structure and function including metabolism, genetics, control mechanisms, chemotaxis. Prerequisites: microbiology, genetics, and biochemistry or cell biology. Scheduled spring semesters. 3 credits.

BIO 519 — Public Health Microbiology
A study of currently emerging infectious diseases, the organisms that cause them, and the environmental, demographic, and economic conditions that influence their emergence. Prerequisite: general microbiology. Scheduled fall semesters. 3 credits.

BIO 525 — Ichthyology
Biology, systematics, and ecology of freshwater and marine fishes. Laboratory studies stress taxonomic competence with common species native to eastern North America. Scheduled fall semesters. 3 credits.

BIO 526 — Herpetology
The morphology, systematics, and natural history of amphibians and reptiles.
Background for conducting research in related fields, such as vertebrate paleontology, ecology, genetics, evolution, embryology, comparative anatomy, physiology, and field natural history. Scheduled summer semesters. 3 credits.

BIO 528 — Mammalogy
Classification, life history, ecology, evolution, and economic relationships of mammals. Identification and familiarity with North American species. Scheduled spring semesters. 3 credits.

BIO 529 — Endocrinology
An advanced physiology course with focus on the cellular mechanisms underlying hormone action. Topics covered include the biosynthesis of hormones, their interaction with receptors, the subsequent signal transduction pathway, their physiological effects and the regulation of their secretion. Prerequisites: one year of chemistry and three semesters of biology including animal, human, or cell physiology. Scheduled fall semesters. 3 credits.

BIO 531 — Plant Diversity
Collection and preservation of plants. Field trips to selected natural communities of Connecticut. Equipment, methods, classification, and museum preparation techniques are emphasized, as well as techniques for field identification of plants. Prerequisite: one year of biology. Scheduled wintersession and summer semesters. 3 credits.

BIO 532 — Human Anatomy
The anatomy of selected areas of the human body most important to anesthetists. Discussion of embryology, skeletal, muscular, respiratory, circulatory, endocrine, excretory and nervous systems, as they pertain to the actions of respiration. Laboratory consists of dissection of the cat or monkey with demonstrations on human organs and models. Prerequisites: acceptance in the nurse anesthetist program and Bridgeport Hospital School of Nurse Anesthesia or permission of biology chairperson. Scheduled summer semesters. 3 credits.

BIO 533 — Aquatic Insect Ecology and Systematics
Current concepts in ecology, systematics, biology, and biogeography of aquatic insects are discussed in detail. Aquatic insect ecology and stream ecology are used as unifying subject areas. The Nearctic and Palearctic faunas will be stressed, but examples may be taken from the other major zoogeographic realms. Prerequisites: BIO 229, 429, or 438 or departmental permission. 3 credits.

BIO 534 — Limnology
Physical and biological aspects of lakes and streams are presented in the context of modern ecological theory. Extensive use is made of real data sets to examine ecological relationships. Scheduled fall semesters. 3 credits.

BIO 535 — Principles of Systematics
The philosophy and procedures of taxonomy and phylogenetics. An introduction and overview of modern systematics from the perspective of a phylogenetic approach. Included are discussions of character analysis, homology, concepts of species and supraspecific taxa, and rules of nomenclature. Scheduled spring semesters. 3 credits.

BIO 536 — Marine Algae
Taxonomy, physiology, life cycles, and economic importance of algae with emphasis on marine algae. 3 credits.
BIO 541 — Tissue Culture Workshop
Laboratory course with research based focus on experimental projects in mammalian cell culture emphasizing recombinant DNA approaches. Areas of study include tumor cell biology, cell death induction (apoptosis) by cytotoxic agents, DNA transfections and genomic DNA analysis. Prerequisites: a course in each of the following: genetics, cell biology, and biochemistry. 3 credits.

BIO 542 — Human Physiology
In-depth study of the function of cells and selected organ systems suitable for students of health sciences. Cell physiology, nervous system, muscular system, respiratory system, cardiovascular system and excretory system are considered including relevant clinical application. Prerequisites: acceptance in the nurse anesthetist program and Bridgeport Hospital School of Nurse Anesthesia or permission of biology chairperson. Scheduled summer semesters. 3 credits.

BIO 543 — Pathophysiology
Normal physiology and pathophysiology are essential to the nurse anesthetist. Included in the course is pathophysiology of the neuromuscular, cardiovascular, respiratory, excretory, endocrine, nervous, digestive and special senses systems studied in relationship to anesthetic management of patients. Prerequisites: acceptance in the nurse anesthetist program and Bridgeport Hospital School of Nurse Anesthesia, BIO 532, BIO 542, CHE 554, CHE 556. Scheduled spring semesters. 3 credits.

BIO 545 — Immunology
Study of cellular and humoral immune response, the nature of antigens and antibodies, genetics and control of immune response, immunopathologies. Prerequisites: 3 semesters of chemistry, 3 semesters of biology including microbiology. Scheduled spring semesters. 3 credits.

BIO 547 — Virology
The basic concepts of general virology, biochemistry, molecular biology and cellular aspects of replication of viruses of different groups; also, viruses that are pathogenic for man; emerging viruses; the nature and symptoms of the diseases they cause and methods of treatment and prevention. Prerequisite: one year of microbiology or consent of instructor. Rotated each semester with BIO 552 and BIO 556. 3 credits.

BIO 549 — Cellular Physiology
Current physiological explanations of all cellular reactions based on protein mechanisms at the cellular and subcellular levels, including metabolism, membrane and filamentous processes. Prerequisites: three semesters of biology including either one undergraduate course in cell/molecular biology, or two semesters of biochemistry. Scheduled spring semesters. 3 credits.

BIO 550 — Research Methods in Biology
Design and execution of experimental approaches to biological problems. Emphasis is on use of scientific literature, preparation of the research proposal, modern techniques, operation of modern instrumentation, and collection and evaluation of experimental data. 3 credit hours. 2 hours lecture per week; 2 hours lab per week. Prerequisite: acceptance in the nurse anesthetist program and Bridgeport Hospital School of Nurse Anesthesia. Scheduled summer semesters. 3 credits.

BIO 551 — Molecular and Developmental Genetics
Study of the molecular and genetic basis of development in metazoans including chromatin structure and function, RNA synthesis and processing, posttranslational
regulation of proteins, and conserved signal transduction cascades, as they relate to cell differentiation, migration, division, growth, and apoptosis during the development of selected model organisms. Prerequisites: BIO 435; and BIO 436 or BIO 549, or two semesters of biochemistry. Scheduled fall semesters. 3 credits.

BIO 552 — Human and Medical Genetics
Biochemical defects, chromosome abnormalities, mutagenic hazards, forensic and pharmacogenetics, human genome project, molecular analysis of genetic disorders, gene therapy. Prerequisites: a course in each of the following: biology, genetics, and chemistry. Rotated each semester with BIO 547 and BIO 556. 3 credits.

BIO 555 — Neurobiology
Discussion of the function and structure of the human nervous system at both cellular and system levels. Also included are recent research topics in developmental neurobiology, neuropharmacology and neurochemistry. Prerequisite: coursework in chemistry, physics and physiology. Scheduled fall semesters. 3 credits.

BIO 556 — Cancer Biology
Interdisciplinary approach to the study of cancer, emphasizing genetic and cellular aspects of loss of growth control. Also recombinant DNA technology approaches to the analysis of gene regulation and treatment modalities. Prerequisite: BIO 320. Rotated each semester with BIO 547 and BIO 552. 3 credits.

BIO 560 — General Topics Seminar
Presentation and discussion of current problems in various areas of biology. Always scheduled. 1 credit. (May be repeated.)

BIO 561 — Special Topics Seminar
Presentation and discussion of current material related to a selected area of biology. Always scheduled. 1 credit. (May be repeated on a different topic.)

BIO 564 — Clinical Correlation Conference for Nurse Anesthetists I
Presentation and discussion of current topics, equipment, techniques and practices involved in the nurse anesthetists’ profession. Scheduled spring semesters. 1 credit. (May be repeated on a different topic.)

BIO 565 — Clinical Correlation Conference for Nurse Anesthetists II
Presentation and discussion of current topics, equipment, techniques and practices involved in the nurse anesthetists’ profession. Scheduled fall semesters. 1 credit. (May be repeated on a different topic.)

BIO 582 — Biological Illustration
Emphasis on the basics of biological illustration and focus on five techniques: pen and ink, carbon dust, colored pencil, transparent watercolors, and watercolor airbrush. Use of mechanical and optical drawing aids (e.g., cameral lucida and microprojector) will be presented along with detailed discussion of the technical aspects of biological illustration. Students will complete projects using the techniques presented. Scheduled spring or summer semesters. Also listed as ART 585. Scheduled summer semesters. 3 credits.

BIO 590 — Thesis Research
Open by departmental permission to candidates for Master of Science degree in biology who are registered in a thesis program. Always scheduled. 6 credits.

BIO 600 — Independent Study and Research
Study of an area of theoretical or experimental biology under the direction of a faculty member. Admission by consent of department chairman. May not be used for credit towards thesis research. Always scheduled. 3 credits.
BIO 601 — Independent Study for Nurse Anesthetists
The study of an area of theoretical or experimental biology appropriate to the nurse
anesthetist profession under the direction of a faculty sponsor. Prerequisite: acceptance
in the nurse anesthetist program and Bridgeport Hospital School of Nurse Anesthesia
and department permission. Scheduled spring semesters. 3 credits.

The following course has been approved but is not scheduled for 2006-2007.
BIO 537 — Morphology and Anatomy of Land Plants
BIO 540 — Biogeography
BUSINESS ADMINISTRATION

NODOUSHANI, OMID, Professor and Director of M.B.A. Program; B.A., National University of Iran; M.A., Ph.D., The Wharton School-University of Pennsylvania. Telephone: (203) 392-7030, E-mail: nodoushanio1@southernct.edu

ABDELSAYED, WAIFEK, Professor; B.B.A., Hofstra University; M.B.A., M.S., Adelphi University; Ph.D., University of Connecticut; C.P.A., C.M.A., C.I.A., C.F.E., C.F. M., C.G.F.M.

ABUGRI, BENJAMIN A., Assistant Professor; B.A., University of Ghana; M.B.A., Ph.D., University of Texas-Pan American

ANDOH, SAMUEL K., Professor; B.A., University of Science and Technology, Ghana, West Africa; M.A., Virginia State College; Ph.D., New York University

BODO, PETER, Professor; B.A., M.A., University of Budapest; Ph.D., University of Connecticut

COTTRILL, MELVILLE T., Professor; B.A., Hamilton College; M.B.A., Renssalaer Polytechnic Institute; Ph.D., J.D., University of Connecticut

CRAKES, GARY M., Professor; B.A., Central Connecticut State University; M.A., Ph.D., University of Connecticut

ELDRIDGE, ROBERT M., Professor; B.S., United States Naval Academy; M.S., D.B.A., The George Washington University

EMENYONU, EMMANUEL, Associate Professor; B.Sc., M.B.A., University of Nigeria; M.Acc., Ph.D., University of Glasgow

FRANK, ELLEN J., Professor; B.A., Queens College, City University of New York; M.S., Ph.D., Purdue University.

GEBREMARIAM, YILMA, Professor; B.S., M.P.A., Arizona State University; M.A., Southern Methodist University; Ph.D., University of Southern California

HORN, BETTY C., Associate Professor; B.S., Oklahoma City University; Master’s of Professional Accountancy, Ph.D., Georgia State University; C.P.A.

HOPKINS, PAMELA, Professor; M.B.A., Clarion University; Ph.D., Temple University

KIRCH, ROBERT J., Professor; B.A., Duquesne University; M.A., M.B.A., Ph.D., University of South Carolina; C.P.A.

KUSTIN, RICHARD, Associate Professor; B.A., Queens College; M.B.A., Baruch College; D.B.A., Nova Southeastern University

LAIRD, KENNETH, R., Professor; B.A., University of Maryland; M.B.A., Baruch College; Sc.D., University of New Haven

LODHA, SHYAM S., Professor; B.Com., M.Com., LL.B., University of Rajasthan; M.B.A., Michigan State University; Ph.D., University of Jodhpur

MILLS, JUDITH WOERNER, Associate Professor; B.A., M.A., Ph.D., State University of New York at Stony Brook

MOSTAGHIMI, MEHDI, Professor; B.A., National University of Iran; M.S., Western Michigan University; Ph.D., University of Virginia

MULLEN, ROBERT L., Professor, B.S., Massachusetts Institute of Technology; M.S., Pennsylvania State University; M.B.A., University of Iowa; Sc.D., University of New Haven

NANGIA, MADAN N., Associate Professor, B.A., Punjab University, India; M.B.A., University of California, Los Angeles; Ph.D., New York University

NARUMANCHI, RADHA R., Associate Professor; B.A., Andhra University; M.B.A., Baruch College; C.P.A., C.I.S., R.F.P., I.C.W.A

OPPEDISANO, JEANNETTE, Professor; B.A., M.S., State University of New York;
APPLYING FOR ADMISSION

APPLICATION DEADLINE: Rolling admissions

MASTER OF BUSINESS ADMINISTRATION

The Master of Business Administration prepares individuals for leadership positions in business, nonprofit, or governmental organizations. The program is multidisciplinary and follows a systems approach to understanding the internal and external forces that influence the development of an organization. The structure of the program is based on particular themes divided across eight (8) foundation courses, six (6) advanced courses, and two (2) optional courses. Observance of order between foundation and advanced courses is required. All foundation courses must be taken before any advanced or optional courses. Enrollment in the program can be either full time or part time. The program is also designed for students with professional experience who are seeking to enhance their administrative skills and grow within their organizations without interruption to their career. The curriculum emphasizes a hands-on, practical approach to skill development and includes the following objectives:

- Assisting profit and not-for-profit organizations to compete more effectively in a changing environment
- Preparing personnel in organizations for additional managerial responsibility
- Preparing individuals seeking administrative positions
- Aiding existing employees in gaining needed skills and knowledge for future organizational success

ADMISSION REQUIREMENTS

Candidates for admission to the MBA program are required to hold a four-year baccalaureate degree (or equivalent) from an accredited institution. An undergraduate degree in business is not a requirement; qualified students from all backgrounds are encouraged to submit applications. Admission decisions are based on a combination of a student’s undergraduate academic performance, professional accomplishment, letters of recommendation and scores on the Graduate Management Admissions Test (GMAT). The GMAT requirement could be waived for any student with an undergraduate grade point average of 3.0 or higher. Applicants with a graduate degree may also be exempted from the GMAT. In addition, admission to the program requires an acceptable combination of an undergraduate grade point average and
GMAT score so that 200(GPA) + (GMAT score) is at least 950. Of these, the greatest weight is given to undergraduate academic performance. If applicants are unable to submit a GMAT score before their desired start date, they may be admitted provisionally (based on prior academic and professional performance) for a maximum of two terms. Receipt of a GMAT score is required for full acceptance and continuation in the program.

PROGRAM REQUIREMENTS
Students accepted in the MBA program will study full-time or part-time in a cohort environment. Those students not employed will be required or assisted in having an ongoing relationship with an employer who can provide a mentoring role. Additionally, the employer will provide access to educational and research opportunities within the organization. The MBA curriculum is a 48-hour program distributed over sixteen (16) courses.

THE STRUCTURE OF THE MBA PROGRAM
First Semester
- Management: Management Process, MBA 500
- Economics: Micro-Macro Economics, MBA 501
- Accounting: Financial and Managerial Accounting, MBA 506
- Statistics: Statistical Decision Making, MBA 502

Second Semester
- Organizational Behavior: Organizational Behavior, MBA 504
- Marketing: Marketing Management, MBA 505
- Business Law: Legal Issues in Business and Management, MBA 507
- Finance: Managerial Finance, MBA 503

Third Semester
- Option Course I
- Seminar I: Seminar in Business Planning, MBA 562
- Seminar II: Seminar in Global Business, MBA 542
- Option Course II

Fourth Semester
- Business and Society: Business & Society, MBA 565
- Seminar III: Seminar in Strategic Management, MBA 552
- Seminar IV: Research Project Seminar, MBA 595
- Option Course III

WAIVER POLICY
Any of the four required first year courses may be waived on the basis of appropriate undergraduate or graduate courses taken within the last six years at a regionally accredited institution. Waivers will be considered at the time of admission; waivers based on a “B” (3.0) or higher in the appropriate courses will be considered. Students who seek transfer credit must submit a written request (with a course syllabus or course description of the previously completed coursework) to the MBA Director during the first semester of attendance. Normally, waivers are decided within the first
semester of study. Only courses with grades of “B” or higher may be used in meeting waiver guidelines for the required courses. Only required foundation courses may be waived. Students can waive the first year courses through an equivalency examination on the same subject matter. A course that has been waived may not be taken or used for elective credits. No tuition refund or cancellation will be issued for courses taken and subsequently waived. Moreover, waiving of courses does not reduce the total minimum number of 36 credits to complete the program.

WAIVER GUIDELINES
The minimum course requirements, all taken within the last six years, for waivers are:

MBA 500: Two courses in principles of or general management
MBA 501: One course in macroeconomics and one course in microeconomics
MBA 502: Two courses in statistics
MBA 503: Two upper division courses in finance
MBA 504: Two upper division courses in organizational behavior or industrial psychology
MBA 505: Two upper division courses in marketing
MBA 507: Two courses in business law
MBA 506: One course in financial accounting and one course in managerial accounting

CLASS SCHEDULING
All courses are offered one night a week and held within a 5:00-7:30 or 7:35-10:05 time period. Students can pursue the program as intensively as they choose. There are also Saturday courses in addition to the regular course offerings.

MASTER OF BUSINESS ADMINISTRATION REQUIRED COURSES
MBA courses are open only to those students matriculated into the MBA program or by permission of the MBA Director.

I. Foundation Courses:

MBA 500 — Management Process
This course investigates essential managerial functions such as planning, organizing, leading, controlling and issues in organization theory. It also looks at current challenges in management, both in the profit and nonprofit sector, global economy, competitive advantage, diversity in the workplace and team building. 3 credits.

MBA 501 — Micro-Macro Economics
This course will discuss how a market-oriented economy operates and how we measure the performance of the economy. In addition, it will review how the various agents in the economy make decisions. 3 credits.

MBA 502 — Statistical Decision Making
This course will cover the descriptive and inferential statistical methods frequently used for business and economics decision making. Upon the completion of this course, a student should be able to select an appropriate statistical method for solving a given problem, to model the problem and produce desirable solutions using the computer, and to interpret and communicate the results in a non-technical language.
MBA 503 — Managerial Finance
This course addresses the financial management issues of an economic agent within the context of a free-market capitalistic economy, using a manufacturing corporation operating in both a “domestic” as well as an international market as a basic model. At the end of the course, the student will have an understanding of the issues involved and their general solution, with the objective of maximizing the wealth of the firm through maximizing common stock prices. 3 credits.

MBA 504 — Organizational Behavior
This course investigates the interrelationships between the individual, the group and the organization. This course bridges the gap between behavioral theory and application. Topics include individual differences, motivation, team and group development, power and influence, conflict resolution, leadership, organizational change, and communication. 3 credits.

MBA 505 — Marketing Management
This course will enable students to understand the processes involved in the planning, creation, valuation, distribution (both traditional and e-commerce) and sale of products and services. During this course, students will explore the tasks and decisions facing marketing managers. Particular areas of focus will include market and competitive analysis, customer behavior, and the design and implementation of marketing strategies (product, price, promotion and distribution) in domestic and international markets. 3 credits.

MBA 506 — Financial and Managerial Accounting
Emphasis is on financial accounting theory and practice oriented toward the use of financial statements for decision-making. Cost concepts and principles as a managerial tool in planning, controlling, and decision-making are also covered. 3 credits.

MBA 507 — Legal Issues in Business and Management
This Business Law course emphasizes the legal aspects of business decision making. It exposes students to the basic principles of law with regard to starting, expanding and operating a small or large business. It also includes the study of the judicial process, torts, contracts, agency, partnerships, corporations, intellectual property and certain aspects of UCC. 3 credits.

II. Advanced Courses:

MBA 542 — Seminar in Global Business
This seminar aims at an understanding of the new economy and global issues confronting international business. It also examines various patterns of international economic relations and analyzes some of the causes of these patterns. An emphasis on global perspectives will enable students to develop essential managerial skills for handling environmental factors (such as political, cultural, technological, and legal). Prerequisites: MBA 501, 502, 503, 504, 505, 506, 507, 508, or permission of the MBA Director. 3 credits.

MBA 552 — Seminar in Strategic Management
This seminar focuses on strategic issues and problems that managers, e.g., CEO’s, presidents, and SUB managers, face in a globally competitive environment. It also looks at the nature of competitive interactions among firms in the market through
design of efficient organizations. Furthermore, techniques for strategy formulation and implementation are discussed. Prerequisites: MBA 501, 502, 503, 504, 505, 506, 507, 508, or permission of the MBA Director. 3 credits.

MBA 562 — Seminar in Business Planning
This seminar examines entrepreneurship and management of innovation by emphasizing a systems approach toward business planning. It also looks at various approaches to management of innovation given the interaction between the enterprise and its larger containing environments. Prerequisites: MBA 501, 502, 503, 504, 505, 506, 507, 508, or permission of the MBA Director. 3 credits.

MBA 565 — Business & Society
While business needs to satisfy the profit claim of shareholders, it must also reconcile the legal, moral and discretionary claims of other stakeholders. Managers must be able to recognize and accommodate these competing claims as they arise across the organization and within various business disciplines. Prerequisites: MBA 501, 502, 503, 504, 505, 506, 507, 508, or permission of the MBA Director. 3 credits.

MBA 595 — Research Project Seminar
Students apply their knowledge and skills under faculty guidance within an approved framework. Students are allowed to individualize their culminating experiences by selecting one of the following areas: working within one's organization to achieve significant project goals, developing and researching a global project through university sponsored international opportunities, developing an entrepreneurial project and beginning implementation. Prerequisites: completion of all MBA course work. 3 credits.

III. Optional Courses:

MBA 508 — Operations Research
This course will cover several quantitative methods used frequently in managerial decision making. Upon the completion of this course, students should be able to select an appropriate method for solving a given problem, to model the problem and produce desirable solutions using the computer, and to interpret and communicate the results in a non-technical language. 3 credits.

MBA 510 — Information Technologies for Managers
An overview of currently available technologies for computing and communicating in business from the viewpoint of a manager, selecting the most appropriate technology to fit a particular business need. Various case studies will be used to provide examples as well as experiences from different workplaces. 3 credits.

MBA 512 — Strategic Factors in E-Marketing
At the heart of a coherent e-commerce strategy is the development of an e-marketing plan. This course will provide an overview of marketing online: the how and why of online research, the impact of an online strategy on the 4 Ps (product, price, place and promotion), and relationship marketing through online strategies. This hands-on course will culminate with the development of an original, team-based e-marketing plan. (Formerly BUE 512). Prerequisite: MBA 505. 3 credits.

MBA 519 — Leadership and Organizational Learning
The central theme is the conviction that character-based leadership is essential for developing systems that support the growth and development of employee potential in order to build a viable enterprise. This course examines the process of developing a personal style of leadership using a systems approach of business. Prerequisite: MBA 504. 3 credits.
MBA 521 — Business Analysis and Start-Up
Comprehensive study of managing entrepreneurial small businesses and family owned firms from conceptualization through start-up. Students will identify venture opportunities, link them with sustainable competitive advantage, select an appropriate organizational form, develop marketing, financial, operational and management programs for the new products/services, and formulate exit strategies. 3 credits.

MBA 522 — Organizational Change and Development
Comprehensive study of managing the change process (needs analysis, planning, implementation, measurement, evaluation and feedback) on the personal, team, inter-group, techno-structural and organizational levels of modern corporations. Prerequisites: MBA 504 or permission of the MBA Director. 3 credits.

MBA 525 — Business Ethics
This course includes discussion and evaluation of social and moral dimensions of managerial decision making. Focus of the course is an in-depth study of values, conflicts, resolutions and ramifications in a business context. (Formerly BUE 525). Prerequisites: MBA 504 and MBA 507. 3 credits.

MBA 528 — Real Estate Finance
The role of real estate in business. The course surveys the market for real estate, the financing of real estate, real estate investment decisions and the legal aspects of real estate. 3 credits.

MBA 532 — Human Resources Management
This course provides the knowledge to manage human resources effectively and legally. It reviews HRM practices/policies to enable the manager to coordinate better with the official HRM staff, and provide the level of support and understanding required by most employees. Prerequisite: MBA 504. 3 credits.

MBA 537 — Product Management
This course provides a comprehensive study of the techniques of product planning and development. It includes a team approach to product idea generation, concept testing and commercialization, including the development of a marketing plan. Prerequisite: MBA 505. 3 credits.

MBA 550 — Public Finance
This course focuses on the role of the public sector as it affects use of resources, distribution of income, and economic stability. This includes the nature and solution of problems of state and local governments as they provide education, fire and police protection, welfare assistance, highway construction and related activities. Formerly BUE 550. Prerequisite: MBA 503. 3 credits.

MBA 553 — Entrepreneurship and Small Business Development
Comprehensive study of entrepreneurship and the role of entrepreneurs in economy by focusing on two central issues of developing a business plan and engaging in competitive behavior. This course is an introduction to family-owned firms, franchised businesses, new start-ups, or the purchasing of new businesses. Students will also identify venture opportunities, link them with sustainable competitive advantage, and select an appropriate organizational form by studying cases regarding established entrepreneurs. Prerequisites: MBA 501, 502, 503, 504, 505, 506, 507, 508, and 552. 3 credits.

MBA 574 — Multinational Financial Management
Explores in depth the conceptual framework within which financial analysis and
decisions must be made by multinational corporations. The focus is on the financial
decision making process in a multinational context. Formerly BUE 574. Prerequisite:
MBA 503. 3 credits.

MBA 575 — Financial Statement Analysis
Applications of various financial analysis tools and techniques to financial statements
in order to execute rational business decisions. 3 credits.

MBA 579 — Advanced Auditing
In depth coverage of key aspects of financial auditing as performed by the external
auditor, including statistical and nonstatistical sampling, evaluation and testing of
Electronic Data Processing. Also included is operational auditing as performed by the
internal auditor. 3 credits.

MBA 581 — Contemporary Accounting Issues
In depth, cutting edge issues in financial and management accounting with greater
emphasis on the former. Students not only demonstrate content knowledge in topics
covered, but also do original work on one of the financial accounting topics, including
a paper and a presentation. 3 credits.

For selection of additional optional courses, contact the MBA program director.
CHEMISTRY

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BARRANTE, JAMES R., Professor; B.A., University of Connecticut; M.A., Ph.D., Harvard University

LESLEY, GERALD, Associate Professor; B.S., M.S., Ph.D., University of Waterloo

NICAISE, OLIVIER J., Assistant Professor; B.S., Universite Pierre et Marie Curie; Ph.D., University of Illinois at Urbana

PANG, JIONGDONG, Associate Professor; B.S., Fudan Univeristy, China; Ph.D., University of Rhode Island

APPLICATION DEADLINE:
Rolling admissions

MASTER OF SCIENCE DEGREE IN CHEMISTRY

The Master of Science program in chemistry offers students the opportunity to complete graduate studies in analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, or physical chemistry.

Course work in the program, except in unusual circumstances, cannot begin until the student has an undergraduate grade point average of 3.0 or higher, and until the student has completed the equivalent of CHE 370-371 — Physical Chemistry I, II, and CHE 372-373 — Physical Chemistry Laboratory I, II.

The Master of Science degree in chemistry requires completion of a total of 30 credits (or approximately 10 courses) with a “B” or better average.

All students in the program must complete a core consisting of the following six courses with a “B” or better average.

CHE 500 — Advanced Organic Chemistry I
CHE 520 — Advanced Physical Chemistry I
CHE 532 — Advanced Inorganic Chemistry I
CHE 540 — Advanced Analytical Chemistry
CHE 550 — Advanced Biochemistry I
CHE 560 — Advanced Environmental Chemistry

The remaining courses are elected from the list of approved cognate chemistry courses with the consent of the adviser.

Master’s Thesis

The thesis track requires 21 to 24 graduate credits and a thesis (CHE 590, 6 to 9 credits) based upon experimental research acceptable to the department. A student must apply to the department for the thesis defense during the first week of the semester in
which requirements are to be completed.

**Comprehensive Examination**

Students are required to complete 30 graduate credits and pass a comprehensive examination. The comprehensive examination is designed to test the student’s knowledge of the various areas of chemistry studied while pursuing the master’s program. The comprehensive examination is given once or twice a year depending on need.

**MASTER OF SCIENCE DEGREE (CERTIFICATION)**

The program leading to the master of science degree and certification in chemistry is designed for students with bachelor’s degrees in either education or liberal arts who plan to teach chemistry on the secondary level. In addition to meeting the requirements for the master of science degree, the following core courses are required for certification:

- EDF 520-526 — Educational Foundations
- EDU 452 — Secondary School Student Teaching
- EDU 453 — Student Teaching Seminar
- EDU 493 — Science (Secondary School)
- HIS 110 — U. S. History
- PSY 370 — Educational Psychology
- SED 482 — Teaching Exceptional Students in Secondary Education Classroom
- SHE 203 — School Health

Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.

Course work in the program, except in unusual circumstances, cannot begin until the student has an undergraduate grade point average of 3.0 or higher, and until the student has completed the equivalent of CHE 370-371 — Physical Chemistry I, II, and CHE 372-373 — Physical Chemistry Laboratory I, II.

All students in the program must complete a minimum of thirty credits and a core consisting of the following six courses with a “B” or better average.

- CHE 500 — Advanced Organic Chemistry I
- CHE 520 — Advanced Physical Chemistry I
- CHE 532 — Advanced Inorganic Chemistry I
- CHE 540 — Advanced Analytical Chemistry
- CHE 550 — Advanced Biochemistry I
- CHE 560 — Advanced Environmental Chemistry

The remaining courses include an area of specialization consisting of 9 credits approved by the adviser.

Other remaining courses are elected from the list of approved cognate chemistry courses with the consent of the adviser.

**Master’s Thesis**
The thesis track requires 21 to 24 graduate credits and a thesis (CHE 590, 6 to 9 credits) based upon experimental research acceptable to the department. A student must apply to the department for the thesis defense during the first week of the semester in which requirements are to be completed.

Comprehensive Examination
Students are required to complete 30 graduate credits and pass a comprehensive examination. The comprehensive examination is designed to test the student’s knowledge of the various areas of chemistry studied while pursuing the master’s program. The comprehensive examination is given once or twice a year depending on need.

CHEMISTRY COURSES
CHE 500-501 — Advanced Organic Chemistry I, II
The theoretical basis of the mechanistic pathways followed by the common organic reactions is given in the first part of this course. The second part organizes the variety of organic reactions into logical patterns and applies these to synthetic pathways and methods of synthesizing other organic compounds. Prerequisites: CHE 260-261 and CHE 370-371 or departmental permission. CHE 500 scheduled to be offered in spring 2007 and 2009 semesters. CHE 501 scheduled spring 2006. 3 credits each.

CHE 508 — Special Topics in Organic Chemistry
Selected topics of current importance in organic chemistry. Prerequisite: CHE 500 or departmental permission. Scheduled irregularly. 3 credits.

CHE 510 — Polymer Chemistry I

CHE 520 — Advanced Physical Chemistry
Elementary principles of quantum and statistical mechanics as applied to chemical systems. Applications of group theory to molecular symmetry and molecular spectroscopy. Prerequisites: CHE 260-261 and 370-371, and MAT 151. Scheduled to be offered fall 2007 and 2009. 3 credits.

CHE 526 — Introduction to X-Ray Crystallography
Basic principles of X-ray diffraction and its use in the determination of the structures of crystals. Prerequisite: CHE 371 or departmental permission. Scheduled spring 2009. 3 credits.

CHE 528 — Special Topics in Physical Chemistry
Selected topics of current importance in physical chemistry. Prerequisite: CHE 520. Scheduled irregularly. 3 credits.

CHE 532-533 — Advanced Inorganic Chemistry I,II
Presentation of the theoretical and descriptive aspects of the chemical elements given at an advanced level. Particular emphasis is placed on the theoretical cases for physical and chemical properties of the elements. Prerequisites: CHE 370-371. CHE 532 scheduled for spring 2008 and 2010. CHE 533 is scheduled irregularly. 3 credits each.

CHE 536 — Coordination Chemistry
The preparation, structure, chemical and physical properties of coordination compounds. Modern methods of determining structure and current theoretical principles. Prerequisites: CHE 520 and CHE 532. Scheduled irregularly. 3 credits.

CHE 537 — Special Topics in Inorganic Chemistry
Selected topics of current interest in inorganic chemistry. Prerequisite: CHE 532 or departmental permission. Scheduled irregularly. 3 credits.

CHE 540 — Advanced Analytical Chemistry
An advanced course in the use of modern instrumentation involving both spectroscopic and chromatographic techniques for the solution of chemical problems. The emphasis will be on the applications of each instrumental method. Prerequisites: CHE 371 and CHE 440 or departmental permission. Scheduled fall 2006 and 2008. 3 credits.

CHE 547 — Special Topics in Analytical Chemistry
Selected topics of current importance in analytical chemistry. Scheduled irregularly. 3 credits.

CHE 550-551 — Advanced Biochemistry I, II
Structure and functioning of organisms, tissues, and cells from a chemical point of view. The physical-chemical basis for modern understanding of the structure of nucleic acids, proteins, carbohydrates, and lipids, and the general metabolism of biological compounds. Prerequisite: graduate standing or departmental permission. CHE 550 scheduled fall 2008. 3 credits each.

CHE 554 — Inorganic, Organic and Biochemical Principles of Pharmaceutical Chemistry
Aspects of inorganic and biochemical principles as they relate to pharmaceutical chemistry. Prerequisite: acceptance in the M.S. degree in biology nurse anesthetist program or departmental permission. Scheduled irregularly. 4 credits.

CHE 556 — Pharmacology
Study of principles and applications of pharmacology especially as they pertain to clinical situations. Prerequisites: acceptance in the M.S. degree in biology nurse anesthetists program or departmental permission. Scheduled irregularly. 3 credits.

CHE 560 — Advanced Environmental Chemistry
Study of natural and anthropogenic sources of chemicals on the aquatic, atmospheric, and soil chemistry in the environment. Prerequisites: CHE 370 and 371. Scheduled fall 2006 and fall 2009. 3 credits.

CHE 590 — Research and Thesis
Laboratory investigation conducted under the supervision of a member of the chemistry department. This course may be taken more than once by the same student. Prerequisite: departmental permission. 3-9 credits.

CHE 600 — Independent Study in Chemistry
Independent research under faculty supervision. Prerequisite: departmental permission. 1-3 credits.

The following courses have been approved but are not scheduled for 2006-2007.
CHE 502 — Advanced Organic Synthesis
CHE 503 — Heterocyclic Chemistry
CHE 509 — Natural Products
CHE 511 — Polymer Chemistry II
COMMUNICATION DISORDERS

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CASCELLA, PAUL, Associate Professor; B.S., Marquette University; M.A., University of Buffalo; Ph.D., University of Connecticut

DE JARNETTE, GLENDA, Associate Professor; B.A., Allegheny College; M.A., Cleveland State University; Ph.D., Bowling Green State University

JIRSA, ROBERT E., Professor; B.S., Western Illinois University; M.A., Ohio University; Ph.D., University of Kansas

KENNEDY, MARIANNE, Professor; A.B., Trinity College; M.A., Ph.D., University of Connecticut

PAUL, RHEA, Professor; B.A., Brandeis University; Ed.M., Harvard University; Ph.D., University of Wisconsin

PURDY, MARY, Associate Professor; B.S., Northwestern University; M.S., Southern Connecticut State University; Ph.D., University of Connecticut

APPLICATION DEADLINE:
March 1st

The Department of Communication Disorders offers programs leading to the Master of Science degree in Audiology and Speech-Language Pathology. Students are admitted for the fall semester. To be considered for admittance, the application process must be completed by March 1st. As of Fall 2004, the Department of Communication Disorders is no longer accepting applications for admission to the Audiology program.

Students may be admitted to graduate study from a variety of undergraduate majors. Individual programs are designed for each candidate to meet the requirements for certification in speech-language pathology and audiology by the American Speech-Language-Hearing Association (ASHA), and Connecticut licensure and teacher certification. When necessary, graduate programs are developed to include prerequisite courses in normal speech and language development, speech and hearing science, anatomy and physiology of the speech and hearing mechanism, and introductory courses in communication disorders. A total of 375 hours of supervised clinical experience and 25 hours of observation are required for graduation with a minimum of 325 hours obtained at the graduate level. Registration for all departmental courses requires departmental permission.

The graduate academic programs of the Department of Communication Disorders are accredited in speech-language pathology and audiology by the Council on Academic Accreditation of the American Speech-Language-Hearing Association. The academic program is accredited through December 31st, 2010. Clinical services offered by the departmental Center for Communication Disorders rigorously adhere to quality standards recommended by the American Speech-Language-Hearing Association. For more detailed information regarding programs, please visit our departmental web
DEPARTMENTAL ADMISSION REQUIREMENTS
To be accepted into the Department of Communication Disorders, candidates must meet the following criteria in addition to the all University requirements. They must have a cumulative undergraduate quality point ratio of 3.0 or higher, and they must demonstrate professional promise and scholastic ability. If eligibility for a teaching certificate in speech pathology is desired, all teacher certification entrance and exit requirements must be met. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program and PRAXIS examinations.

In addition, the Communication Disorders Department requires that candidates submit:
- scores obtained on the GRE.
- a minimum of three recommendations attesting to their professional promise and academic ability.
- a 250-300 word essay on a personal challenge and how it was handled, or on a project initiated and maintained independent of parental or school assistance.

PREREQUISITE COURSES FOR ALL PROGRAMS
CMD 200 — Introduction to Developmental Communication Disorders
CMD 201 — Introduction to Communication Disorders in Medical Settings
CMD 203 — Phonetics and Phonological Systems (4 credits)
CMD 317 — Anatomy and Physiology of Speech Mechanism
CMD 319 — Language Development: Ages Birth to Five
CMD 320 — Introduction to Hearing Science
CMD 321 — Introduction to Audiology
CMD 418 — Neurological Bases of Communication
CMD 419 — Language Acquisition: School-Age — Adolescence
CMD 420 — Speech Science (4 credits)
CMD 461 — The Clinical Practice of Speech-Language Pathology & Audiology

AUDIOLOGY
James J. Dempsey, Ph.D., Program Coordinator, Tel. (203) 392-5962
The Master of Science degree in audiology prepares students to function in clinical settings, including hospitals and rehabilitation centers, and in schools as audiologists. As of Fall 2004, the Department of Communication Disorders is no longer accepting applications for admission to the audiology program.

Area of Specialization
All students enroll for 30 credits of required audiology core courses; a minimum of 6 credits of speech-language pathology; 30 credits of practicum; and either CMD 605—Special Projects for 3 credits, or CMD 590—Thesis Seminar for 6 credits, depending on track selected.

CMD 530 — Measurement and Diagnosis in Audiology
CMD 532 — Medical Audiology
Communication Disorders

CMD 533 — Audiological Assessment for the Difficult to Test: Pediatrics
CMD 553 — Amplification Systems
CMD 554 — Electrophysiological Measures of Auditory Function
CMD 555 — Audiology and Audiometry II
CMD 559 — Educational Audiology
CMD 574 — Environmental Audiology
CMD 575 — Central Auditory Processing Disorders in Children
CMD 630 — Adult Aural Rehabilitation

Practica
CMD 560 — Speech and Language Practicum A (3 credits only)
CMD 568 — Audiology Practicum

Master's Thesis
The student enrolls in CMD 590 and completes a thesis.

Special Project
The student enrolls in CMD 605 and is required to complete a special project.

ASHA National Examination
Successful passage of the American Speech-Language-Hearing Association National Examination in Audiology (Praxis II) is required for graduation.

SPEECH-LANGUAGE PATHOLOGY
Deborah Weiss, Ph.D., Program Coordinator, Tel. (203) 392-6615

The Master of Science degree with a major in Speech-Language Pathology prepares students to practice in public and private schools, hospitals, rehabilitation centers, and in private practice as speech-language pathologists.

Area of Specialization
All students enroll for 30 credits of required core courses; 30 credits of practicum; 3 credits or more of electives; and either CMD 605 — Special Projects for 3 credits, or CMD 590 — Thesis Seminar for 6 credits depending on track selected. An additional course, CMD 530 — Measurement and Diagnosis in Audiology, may be assigned if preparation in this area is required. Courses in health, special education and psychology may be required for teacher certification. (Credit enrollment for the degree is subject to modification according to previous academic and clinical work.)

The 30 credits of required courses are:
CMD 503 — Research Methods in Communication Disorders - 3 credits
CMD 527 — Neurogenic Speech and Language Disorders - 3 credits
CMD 531 — Disorders of Phonology - 3 credits
CMD 537 — Cognitively Based Communication Disorders in Adults - 3 credits
CMD 545 — Disorders of Fluency - 3 credits
CMD 550 — Language Acquisition Disorders: Birth to Five - 3 credits
CMD 551 — Language Disorders: School-Age - 3 credits
CMD 559 — Educational Audiology - 3 credits
CMD 583 — Voice and Velopharyngeal Disorders - 3 credits
CMD 627 — Dysphagia - 3 credits

In each course students study current literature and prepare projects. Different clinical approaches are presented with emphasis on the use of recent technology. Each course includes study of the impact of multicultural, linguistic and sociological factors in the design of assessment and intervention procedures. Information on augmentative communication methods is included in appropriate contexts.

The 30 credits of practica are:
CMD 560 — Speech and Language Practicum A — 5 credits
CMD 561 — Speech and Language Practicum B — 5 credits
CMD 562 — School Practicum — 6 credits
CMD 564 — Diagnostic Practicum in Speech and Language Pathology — 5 credits
CMD 568 — Audiology Practicum — 3 credits
CMD 569 — Neuropathologies Practicum — 6 credits

These practica combine both on-campus and off-campus experiences. The on-campus work is completed in the Department’s Center for Communication Disorders. The off-campus work is completed in Connecticut public schools, hospitals, and rehabilitation centers. In order to participate in a public school practicum, the Praxis I Pre-Professional Skills Test must be passed or waived. Students should complete this requirement prior to enrollment or during the first semester of graduate work.

Please note: Students enrolled in any of the above practica may be required to engage in both diagnostic and therapy activities with clients of all ages who present with a wide range of communication disorders.

Special Education courses are selected with adviser’s consent for teacher certification
School Health Education courses are selected with adviser’s consent for teacher certification

Master’s Thesis
The student enrolls in CMD 590 and completes a thesis.

Special Project
The student enrolls in CMD 605 and is required to complete a special project.

ASHA National Examination
Successful passage of the American Speech-Language-Hearing Association National Examination (Praxis II) is required for graduation.

COMMUNICATION DISORDERS COURSES
CMD 503 — Research Methods in Communication Disorders
Research techniques and experimental design schemes, critical reviewing of the current literature, oral technical reporting, and reporting by written technical papers. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits.

CMD 527 — Neurogenic Speech and Language Disorders
Survey of neurologically-based disorders of speech in adults and children. Differential diagnosis and treatment of cerebral palsy, the dysarthrias, apraxia of speech, and aphasia. Prerequisites: CMD 418 and departmental permission. Scheduled fall and spring semesters. 3 credits.

CMD 530 — Measurement and Diagnosis in Audiology
Measuring hearing by pure tones and speech audiometry, evaluating test results, types and causes of hearing problems. Prerequisite: CMD 320 and departmental
permission. Scheduled fall semesters. 3 credits.

CMD 531 — Disorders of Phonology
Etiology and nature of articulation/phonology disorders and theoretical considerations underlying successful assessment and clinical procedures. Prerequisite: departmental permission. Scheduled fall and summer semesters. 3 credits.

CMD 532 — Medical Audiology
Overview of disorders affecting hearing, their symptomology and audiologic signs. Concepts and underlying principles of basic and advanced audiometric techniques, calibration, interpretation of audiological results as they relate to identification of pathologies. Prerequisites: CMD 530 and departmental permission. Scheduled spring semesters. 3 credits.

CMD 533 — Audiological Assessment for the Difficult to Test: Pediatrics
A survey of audiological techniques employed in assessing hearing sensitivity in difficult to test populations, with an emphasis on pediatrics. Areas to be covered include embroyology, etiology and modifications of various standard tests as applied to a pediatric population. Prerequisites: CMD 530 and departmental permission. Scheduled fall semesters. 3 credits.

CMD 537 — Cognitively-Based Communication Disorders in Adults
Survey of cognitively-based communication disorders in adults including: right brain damage, traumatic brain injury and dementia. Emphasis on differential diagnosis with some discussion of treatment planning. Prerequisites: CMD 418 and departmental permission. Scheduled fall and summer semesters. 3 credits.

CMD 545 — Disorders of Fluency
Theories of the causes of disorders of fluency; methods of examination, diagnosis, therapy and research in fluency. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits.

CMD 550 — Language Acquisition Disorders: Birth to Five
This course provides instruction in developmentally appropriate practices for young children and individuals with severe disabilities. Both formal and naturalistic assessment methods will be introduced. Students will gain experience with child-centered, clinician-directed and hybrid methods of intervention. Family-centered and culturally sensitive practice will be emphasized. Use of alternate and augmentative communication strategies will be discussed. Prerequisites: CMD 319 and departmental permission. Scheduled fall and spring semesters. 3 credits.

CMD 551 — Language Disorders: School-Age
This course provides instruction in the assessment and treatment of language-learning disorders in school-aged children and adolescents. Assessment methods that evaluate conversation, narration, and written language will be introduced. Curriculum-based methods will be stressed. Intervention techniques that integrate oral and written language, develop learning strategies, and involve collaboration among professionals will be discussed. Student-centered and culturally sensitive practice will be emphasized. Prerequisites: CMD 319 and departmental permission. Scheduled fall and spring semesters. 3 credits.

CMD 553 — Amplification Systems
Principles underlying the measurement of electroacoustical characteristics of hearing aids; clinical selection of wearable amplification; assistive listening devices; group auditory training systems; and related client management issues. Prerequisites: CMD
CMD 554 — Electrophysiological Measures of Auditory Function
Principles underlying the electrophysiological assessment of the auditory system; emphasis on instrumentation, test protocols, research methodologies, and clinical implications and interpretations. Prerequisites: CMD 530 and departmental permission. Scheduled fall semesters. 3 credits.

CMD 555 — Audiology and Audimetry II
Introduction to advanced diagnostic techniques in audiology. Included are specialized behavioral and objective tests for retrocochlear and central evaluations. The use of these tests in the differential diagnosis of auditory pathology is stressed. Prerequisites: CMD 530 and departmental permission. Scheduled fall semesters. 3 credits.

CMD 559 — Educational Audiology
Methods of intervention in communication disorders related to loss of hearing and auditory deprivation for school-aged children. Prerequisites: CMD 530 and departmental permission. Scheduled fall semesters. 3 credits.

CMD 574 — Environmental Audiology
Study of the effects of noise on hearing; emphasis on government regulations and the development of hearing conservation programs in industry and the environment. Prerequisites: CMD 530 and departmental permission. Scheduled alternate summers. 3 credits.

CMD 575 — Central Auditory Processing Disorders in Children
Theory, diagnosis, and treatment underlying central auditory processing disorders in children as differentiated from language and learning disorders. Emphasis placed on both behavioral and electrophysiological assessment protocols and their relationship to therapeutic intervention. Prerequisites: CMD 530 and departmental permission. Scheduled summer terms. 3 credits.

CMD 583 — Voice and Velopharyngeal Disorders
Theory, diagnosis and treatment underlying the articulation, resonance, and phonatory problems associated with voice and velopharyngeal disorders. Consideration is given to current research in etiology, technology, and multicultural issues affecting appropriate intervention. Prerequisites: CMD 317, CMD 420 and departmental permission. Scheduled fall and summer semesters. 3 credits.

CMD 600 — Directed Study and Research
Directed study and research project under guidance of a faculty member. Regularly scheduled meetings, an examination upon the completion of the project. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits.

CMD 602 — Augmentative and Alternative Communication
Principles of assessment and intervention for persons requiring augmentative and alternative communication strategies. Topics will include low and high technology aids and adaptations, symbol systems, vocabulary selection, interdisciplinary team work, and procuring funding. Prerequisite: departmental permission. Scheduled spring and summer semesters. 3 credits.

CMD 605 — Special Project in Communication Disorders
Synthesis of research, theory, and practice in communication disorders. Prerequisites: 35 credits in Communication Disorders, departmental permission. Scheduled fall and
spring semesters. 3 credits.

**CMD 610 — Communication and Developmental Disabilities**
A survey course regarding the speech-language status of individuals with mental retardation, autism, and cerebral palsy. The course content will include developmental concerns, current research, assessment practices, and speech-language intervention. Prerequisites: departmental permission. Scheduled alternate fall semesters. 3 credits.

**CMD 627 — Dysphagia**
Anatomy and physiology of normal swallowing. Nature and causes of dysphagia. Assessment including: clinical examination and radiologic methods; treatment. Prerequisites: CMD 527 and departmental permission. Scheduled wintersession and summer terms. 3 credits.

**CMD 630 — Adult Aural Rehabilitation**
Management of adults with functional residual hearing. Emphasis is on development and maintenance of aural-oral communication through amplification, auditory training, speechreading and speech and language intervention and use of assistive listening devices. Current research and theory in aural-oral rehabilitation, education and counseling techniques are presented. Prerequisites: CMD 530 and departmental permission. Scheduled alternate summers. 3 credits.

**CMD 652 — Autistic Spectrum Disorders: Clinical and Educational Approaches**
Study of the social, cognitive, neurological, and communicative aspects of Autistic Spectrum Disorders. A range of assessment and intervention techniques for individuals at various levels of functioning will be stressed. Prerequisite: departmental permission. Scheduled summer term. Same as SED 652. 3 credits.

**CMD 665 — Counseling and Guidance Procedures in Speech and Hearing**
This course thoroughly acquaints the student with those counseling and guidance procedures necessary for the most efficient rehabilitation of the patient with a speech and/or hearing disorder. Interview techniques, parent-child relationships, and client and family adjustment problems will be discussed. Prerequisite: departmental permission. Scheduled summer semesters. 3 credits.

**PRACTICA**

**CMD 560-561 — Speech and Language Practicum A & B**
Supervised clinical practice at the Center for Communication Disorders with children and adults who have language, speech, and hearing disorders. Training in clinical procedures, including case history taking, examination and evaluation of communication disorders. Individual and group sessions are included. Each student is required to attend a staffing session each week. Prerequisite: departmental permission. Scheduled fall, spring and summer semesters. 3-5 credits each semester.

**CMD 562 — School Practicum**
An advanced practicum. Students are assigned to approved school settings. Students are expected to complete in hours the equivalent of full time employment at the setting for one semester. Scheduled fall, spring and summer semesters. Prerequisite: departmental permission. 6 credits.

**CMD 564 — Diagnostic Practicum in Speech-Language Pathology**
Clinical practicum and weekly lectures/meetings focusing on skill development necessary for planning and executing a diagnostic assessment of speech, language, and related communication disorders, interpreting and reporting clinical findings, and developing appropriate recommendations for intervention. Prerequisites: CMD
461 and departmental permission. Scheduled fall, spring, and summer semesters. 3-5 credits.

**CMD 568 — Audiology Practicum**
Supervised clinical practice in audiology at the Center for Communication Disorders and at approved public school, hospital, and rehabilitation settings with children and adults who have all degrees of hearing sensitivity. Training in clinical procedures, including case history taking and the evaluation and rehabilitation of hearing disorders. Individual and group sessions may be included. Each student is required to attend a staffing session each week. Prerequisites: CMD 530 and departmental permission. Scheduled fall, spring and summer semesters. 3-9 credits.

**CMD 569 — Neuropathologies Practicum**
An advanced practicum. Students are assigned to approved hospitals or rehabilitation centers. A minimum of 25 hours per week is required at the assigned site. Prerequisites: completion of all on-campus practica and departmental permission. Scheduled fall, spring and summer semesters. 6 credits.
COMPUTER SCIENCE

LANCOR, LISA, Graduate Coordinator, Associate Professor; B.S., Boston College; M.S., Ph.D., University of Connecticut. Tel. (203) 392-5890. E-mail: lancorl1@southernct.edu.

ABD EL-RAOUF, AMAL, Assistant Professor; B.S., M.S., Cairo University; Ph.D., University of Connecticut

ANTONIOS, IMAD, Assistant Professor; B.A., Western Connecticut State University; Ph.D., University of Connecticut

DAPONTE, JOHN S., Professor; B.E., State University of New York; M.S., Rochester Institute of Technology; Ph.D., University of Connecticut

ELAHI, ATAOLLAH, Professor; B.S., Iran College of Technology; M.S., Ph.D., Mississippi State University

PETERS, KLAUS, Associate Professor; B.A., M.S., Ph.D., University of Hamburg

PODNAR, HRVOJE, Assistant Professor; Ph.D., State University of New York at Stony Brook

SEYED, TARANEH, Professor; B.S., Aryamehr University of Technology; Ph.D., Oklahoma State University

APPLICATION DEADLINE:
Rolling admissions

The Master of Science degree in Computer Science prepares students for the challenges faced by professionals in the rapidly changing field of computer science, as well as for those planning to pursue advanced graduate study in the area. The program provides students with a comprehensive theoretical foundation in computer science, along with state-of-the-art skills needed for its three areas of concentration: Visualization and Intelligent Systems, Distributed Computing, and Computer Systems.

DEPARTMENTAL ADMITTANCE REQUIREMENTS

In addition to the admission requirements of the School of Graduate Studies found in the Application and Admissions section of this catalog, all applicants must submit the following documents directly to the Graduate Coordinator of the Computer Science Department:

• a one page statement indicating their academic background, area of interest and their career plans, and
• three letters of recommendation.

International applicants should refer to the Admission of International Students subsection of the Application and Admissions section of this catalog for additional application requirements.

Candidates seeking admission are expected to have a bachelor's degree in Computer Science, Computer Engineering, or a related field with a grade point average (GPA) of 3.0 (out of 4.0) or higher in courses in the major and a minimum cumulative GPA of 2.5. Students with a bachelor's degree in majors other than Computer Science or Computer Engineering who are seeking admission will receive conditional admission. Full admission will be granted upon completion or proof of equivalency of the following courses with a grade of "B" or higher:

Computer Science Requirements
Two semesters of programming (CSC 152 — Computer Programming I and CSC 153 — Computer Programming II)

CSC 212 — Data Structures
CSC 425 — Operating Systems
CSC 305 — Computer Organization

Mathematics Requirements
MAT 178 — Elementary Discrete Mathematics
MAT 221 — Intermediate Applied Statistics
MAT 372 — Linear Algebra

No more than 6 credits of graduate level Computer Science related courses may be transferred from other institutions. Once the University has a completed application file with all required documentation, the Graduate Coordinator of the Computer Science Department will arrange a personal interview with the applicant.

All students who satisfy the admission requirements of the program must draft a program of study in consultation with the Graduate Coordinator of the department. The planned program will outline all courses that must be completed before the master's degree is conferred. Students will select the concentration area of their interest, elective courses, and a thesis or comprehensive examination with scholarly paper option. Upon final approval of the application and planned program by the Dean of Graduate Studies, applicants will receive a letter of acceptance and a copy of the planned program verifying their status as a matriculated graduate student.

PROGRAM REQUIREMENTS

The Master of Science degree in Computer Science is a 36 credit program in which all students must complete 30 credits of course work in addition to a 6 credit capstone requirement. All courses completed for graduate credit must be passed with a minimum grade of "B" (3.0) or higher.

Required Core Requirements (9 credits):
CSC 521 — Algorithms
CSC 523 — Formal Languages
CSC 525 — Advanced Operating Systems

Concentration Requirements (12 credits):
All students must select one of the following three areas offered by the department as their area of concentration:

• Visualization and Intelligent Systems

  This concentration focuses on the development of visual and intelligent systems which include the recognition of objects and patterns, the methods for modeling the brain's ability to process information, computer vision, image processing, computer graphics, and computational intelligence. Courses include:
  
  CSC 531 — Computer Graphics
  CSC 541 — Image Processing
  CSC 551 — Pattern Recognition
  CSC 561 — Scientific Visualization
• Distributed Computing

This concentration focuses on systems that are distributed across a network. Areas include parallel computing, the development of distributed applications, Internet programming, web security, advanced architecture and the development of real time systems. Courses include:

CSC 533 — Real Time Systems
CSC 543 — Internet Programming
CSC 553 — Web Security
CSC 563 — Distributed Applications Development
CSC 573 — Advanced Computer Architecture
CSC 583 — Parallel & Distributed Computing

• Computer Systems

This concentration focuses on the hardware and software that allow computer systems to perform useful tasks. Topics include advanced database systems, computer security, data communication, computer networks, advanced software engineering, and the computational science of simulation. Courses include:

CSC 535 — Advanced Software Engineering
CSC 545 — Advanced Database Systems
CSC 555 — Computer Security
CSC 565 — Computer Networks
CSC 576 — Data Mining
CSC 587 — Computational Science of Simulation and Modeling

At least four courses in the selected area of concentration must be completed.

Breadth Requirements (9 credits):

Students are required to complete a total of three additional courses from the other two concentrations (at least one in each concentration) to broaden their knowledge.

Capstone Requirements (6 credits):

Toward the end of their coursework, students select one of the two following capstone options:

• Master's Thesis — The thesis track requires that students present an independent accomplishment in a research, development, or application area of computer science that is acceptable to the department. There is a final oral examination on the thesis research. For students with strong research interests and/or those who intend to pursue advanced graduate study, this option is recommended.

• Written Comprehensive Examination and Scholarly Paper — The written comprehensive examination provides opportunity to consider the scope of the entire field while the scholarly paper permits analysis of a substantial applied topic in the selected area of concentration.

COMPUTER SCIENCE COURSES
NOTE: Course rotation schedule subject to change.

**CSC 516 — Advanced Computer Programming for Behavioral Scientists**
A continuation of CSC 515, this course is designed for the applied researcher, encouraging the student to explore a database which is close to his/her research interests using applied statistical techniques. In addition, the course will provide experience in modern statistical packages on more than one type of computer, expose the student to the multivariate techniques offered by these packages and, combining these, give him/her the vehicle for eliciting meaningful research results. Prerequisites: CSC 515 or department permission. 3 credits.

**CSC 521 — Algorithms**
This course covers important algorithms used in data processing including mathematical, geometric, and graph algorithms. Prerequisite: CSC 212 or equivalent Scheduled every third semester beginning spring 2007. 3 credits.

**CSC 523 — Formal Languages**
An exposition of formal languages and automata theory and its practical application to algorithms for recognizers, analyzers and generators. Prerequisites: CSC 212 and MAT 178 or equivalent courses. Scheduled every third semester beginning fall 2007. 3 credits.

**CSC 525 — Advanced Operating Systems**
Advanced concepts in operating systems design and implementation. Topics include distributed and multiprocessor system architectures, distributed and multiprocessor process management, remote procedure calls, threads, distributed synchronization and deadlock detection, agreement protocols, distributed file systems, distributed shared memory, security and cryptography. Prerequisite: CSC 425 or equivalent. Scheduled every third semester beginning fall 2006. 3 credits.

**CSC 531 — Computer Graphics**
Mathematical basis and development of computer graphics software. A comprehensive study of two and three dimensional object representations. Topics include 2-D and 3-D modeling, viewing transformations, projections, rendering techniques, curves and surfaces, texture mapping, and shading. Prerequisites: CSC 212 and MAT 372. Scheduled irregularly. 3 credits.

**CSC 533 — Real-Time Systems**
An exposition of real-time application design, implementation and testing in communication systems, embedded systems, and online systems. Prerequisites: CSC 212 and MAT 178 or equivalents. Scheduled irregularly. 3 credits.

**CSC 535 — Advanced Software Engineering**
This course covers advanced topics of software engineering. Topics include the techniques, tools, quality metrics and challenges of the various phases of the software life-cycle. A team oriented term project is included. Prerequisite: CSC 212 or equivalent. Scheduled spring semesters every three years. 3 credits.

**CSC 541 — Image Processing**
Advanced image processing techniques, the mathematical rationale behind each technique with major applications and limitations. Exposure to various processing strategies for accessing and measuring information of image data. Computer lab work is required. Prerequisites: CSC 212 and MAT 372 or equivalents. Scheduled fall
semesters every three years beginning fall 2006. 3 credits.

CSC 543 — Internet Programming
An in-depth study of methodology and practice utilized in today's advanced web sites. A comprehensive analysis of current trends in software and programming techniques developed especially for Internet applications. Concentration on programming languages that include tools for high level of web site interaction. Managing the full software cycle from web site visual design to server-client programming. Scheduled fall semesters every three years beginning fall 2007. 3 credits.

CSC 545 — Advanced Database Systems
This course covers advanced topics of database management systems design and applications. Topics include query evaluation and optimization, transaction management and concurrency control, database tuning, security and authorization, parallel and distributed databases, object-database, data warehousing and decision support, data mining, information retrieval and XML data, and internet applications. Programming work required. Prerequisite: CSC 335 or equivalent. Scheduled fall semesters every three years beginning fall 2006. 3 credits.

CSC 551 — Pattern Recognition
Theory and applications of statistical, neural and syntactical pattern recognition. Topics include Bayesian decision theory, discriminant functions, parametric and non-parametric techniques, multilayer neural networks, decision trees, algorithm-independent machine learning and unsupervised learning and clustering. Prerequisite: MAT 221 or equivalent. Scheduled spring semesters every three years. 3 credits.

CSC 553 — Web Security
A study of principles and implementations of web security. Topics include client-side security, digital certificates, cryptography, server-side security, digital payments, and privacy issues associated with the world-wide-web. Prerequisite: CSC 425. Scheduled fall semesters every three years. 3 credits.

CSC 555 — Computer Security
An examination of security and threat models, risk analysis, authentication and authorization, auditing, operating systems security, access control mechanisms, protection mechanisms, distributed systems/network security, security architecture, electronic commerce security mechanisms, and security evaluation. Prerequisite: MAT 178 and CSC 425 or 525. Scheduled irregularly. 3 credits.

CSC 561 — Scientific Visualization
Techniques of data presentation by digital computers for information perception, mathematical and physiological rationale behind each technique, and its major applications and limitations. Prerequisites: CSC 212 and MAT 372. Scheduled spring semesters every three years beginning spring 2007. 3 credits.

CSC 563 — Distributed Applications Development
A study of techniques and methodologies for developing applications distributed across computer networks. A detailed analysis of distributed architectures such as client-server protocols, distributed databases, middleware, distributed objects and agents. Team projects are required. Prerequisite: CSC 525 or equivalent. Scheduled spring semesters every three years. 3 credits.

CSC 565 — Computer Networks
Study of computer networks and data communications technologies. Topics include Local and Wide Area Networks, wireless LAN technology, digital transmission, OSI model, Internet architecture and TCP/IP, transmissions system, modem technology,
data encryption, network security and multimedia information. Prerequisite: CSC 465 or equivalent. Scheduled spring semesters every three years. 3 credits.

CSC 571 — Neural Networks
A comprehensive study of methods and algorithms based on the artificial neuron concept. A detailed analysis of mathematical models inspired by the brain's ability to process information. An extensive research of neural network techniques such as perceptrons, multi-layered networks, radial basis function networks, support vector machines and principal component analysis. Computational applications of neural network concepts including feature detection, approximation, generalization, learning and memory. Prerequisite: MAT 221 or equivalent. Scheduled irregularly. 3 credits.

CSC 573 — Advanced Computer Architecture
This course covers computer architecture from the design of memory to CPU, selection of instructions sets for CPU, memory management, pipelining, multiprocessors, RISC and CISC processor, storage network architecture and arithmetic processor. Prerequisite: CSC 305 or equivalent. Scheduled irregularly. 3 credits.

CSC 576 — Data Mining
A study of techniques and methodology for analysis of large data sets to find unsuspected relationships and summarize the data in novel ways that are both understandable and useful to the data owner. Prerequisites: MAT 221 and MAT 372. Scheduled irregularly. 3 credits.

CSC 581 — Computational Intelligence
A study of methods and algorithms that mimic biological systems. A comprehensive foundation of life concepts such as evolution and survival of the fittest, and their computational equivalents. Computational application of evolutionary concepts in science, engineering, mathematics and other areas. Prerequisite: CSC 212 or equivalent. Scheduled fall semesters every three years. 3 credits.

CSC 583 — Parallel and Distributed Computing
A study of programming techniques and algorithms that utilize multiple processors. A comprehensive foundation of parallel programming paradigms such as message-passing interfaces, shared memory and threads. Computational applications of parallel programming techniques in searching, optimization, image processing, and other areas. Prerequisite: CSC 521. Scheduled spring semesters every three years beginning spring 2007. 3 credits.

CSC 587 — Computational Science of Simulation and Modeling
A study of the behavior of complex systems by simulation of mathematical models on digital computers. Modeling techniques for discrete-event and continuous systems, deterministic and stochastic, will be introduced through projects which involve student-written programs both in higher level programming languages and languages designed for the purpose of simulation. Particular emphasis is given to the application of these techniques to ongoing research in the field of computer science. Prerequisites: CSC 153, MAT 151, MAT 221, and MAT 372 or equivalent courses. Scheduled fall semesters every three years beginning fall 2007. 3 credits.

CSC 590 — Thesis I: Proposal Development
Development of the thesis proposal including: introduction, review of literature, statement of the problem, hypotheses and procedures. Prerequisite: departmental permission. 3 credits.

CSC 591 — Thesis II: Thesis Completion
Completion of thesis including: products, results, discussion, summary, conclusions and recommendations for future study. Prerequisites: CSC 590 and departmental permission. 3 credits.

CSC 595 — Special Project
Prerequisite: departmental permission. 6 credits.

The following course is approved but is not scheduled for 2006-2007.

CSC 515 — Computer Programming for Behavioral Scientists
COUNSELING AND SCHOOL PSYCHOLOGY

HAYNES, NORRIS, Chairperson and Director, Center for Community and School Action Research; Professor; B.A., M.S., C.A.G.S., State University of New York; M.B.A., Ph.D., Howard University; Post-Doctoral Fellow in Psychology, Yale University. Tel. (203) 392-6402. E-mail: haynesn1@southernct.edu

FOPIANO, JOY E., Coordinator, School Psychology; Associate Professor; B.A., M.Ed., Ed.D., University of Massachusetts. E-mail: fopianoj1@southernct.edu

NWACHUKU, UCHENNA T., Coordinator of Community Counseling, Associate Professor; B.S., Houghton College; M.Ed., Ed.D., University of Massachusetts. E-mail: nwachukuu1@southernct.edu

MARTIN, MICHAEL, Associate Professor; B.A., University of Connecticut; M.S., Southern Connecticut State University; Ph.D., University of Connecticut

Application Deadlines:
Community Counseling: February 1 for fall semester, October 1 for spring semester
School Counseling: February 1 for fall semester
School Psychology: February 1 for fall semester

The Department of Counseling and School Psychology offers programs leading to the master of science degree and/or a sixth year professional diploma in either Community Counseling, School Counseling or School Psychology. Programs in School Counseling and School Psychology lead to State of Connecticut certification.

Once admitted, continued matriculation in any Counseling and School Psychology program is contingent upon positive, on-going faculty evaluation of the graduate student in academic knowledge; practitioner competencies; and professional characteristics such as stability, effectiveness in interpersonal relationships, openness to feedback, the fulfillment of responsibilities in a cooperative and conscientious manner, and the active pursuit of the highest standards of the profession. Students are also required to complete at least twenty hours of approved community service as part of their program requirements for graduation.

COUNSELING PROGRAMS
Both the Community and the School Counseling programs are accredited by the Council on the Accreditation of Counseling and Related Educational Programs (CACREP) which is the accrediting body for the American Counseling Association. Students who complete the master of science in Community or School Counseling are prepared to take the National Certified Counselor’s examination. This examination is required by the National Board for Counselor Certification (NBCC). It is also required by the State of Connecticut for Licensed Professional Counselors (LPC).

MASTER OF SCIENCE DEGREE IN COUNSELING - SCHOOL COUNSELING TRACK
The school counselor master’s and certification program (51 credit hours) prepares the student to work as a school counselor at the elementary, intermediate and secondary levels. All school counseling students complete practicum and internship experiences.

The school counseling program prepares students to work within a comprehensive school counseling program model in the areas of academic, career, and personal/social development, and to design, coordinate, implement, manage and evaluate their programs for students' success.
MASTER OF SCIENCE DEGREE IN COUNSELING - COMMUNITY COUNSELING TRACK

The licensure track program is designed to meet the requirements for Connecticut State Licensed Professional Counselor (LPC). The program in community counseling (51 credit hours) prepares students to work in a variety of community counseling agencies, college counseling centers, and hospitals. Students develop skills and theoretical knowledge in doing individual, group and career counseling with diverse populations in either public and private community mental health agencies, or colleges and universities. All community counseling students complete practicum and internship experiences. Students specializing in counseling work in community mental health settings find practicum and internship placements in a variety of settings, including community counseling centers, child guidance centers, crisis stabilization programs, rape crisis and domestic violence programs, substance abuse programs, youth services programs and inpatient and residential treatment programs. Students specializing in counseling in higher education find placements in community colleges as well as public and private college and university counseling and career services centers.

Admission Requirements for School and Community Counseling

To obtain program information/application packets, applicants should contact the Counseling and School Psychology Department office (203) 392-5910, or write to the Department of Counseling and School Psychology, or it may be downloaded from our website: www.southernct.edu/departments/csp. Applicants must complete all admission material required by the School of Graduate Studies, and the Counseling program.

• Candidates must have a minimum undergraduate quality point ratio of 2.7.
• Candidates must submit a minimum of three recommendations on the approved form attesting to their professional promise and academic ability. The form may be downloaded from the Counseling and School Psychology Department's website. (Most of those providing recommendations also include a personal letter about the applicant.)
• Candidates must submit a 500 word essay describing the basis of their interest in the specific counseling program.
• Candidates must meet with the counseling faculty members for an admissions interview.
• Candidates for School Counseling must submit a resume.
• Candidates for School Counseling must pass the state-mandated skills examination (Praxis I) in mathematics, reading, and writing, or, present a formal Praxis I waiver from the Educational Testing Service by achieving a combined score of 1000 on the SAT with at least a score of 400 on both the verbal and the mathematics sections, respectively, from any test administration prior to March 31, 1995; or, present a combined score of 1100 on the SAT with at least a score of 450 on both the verbal and the mathematics sections, respectively, from any test administration on or after April 1, 1995; or, present a composite score of 24 or more on the American College Testing Program Assessment (ACT), with no less than 22 on the English subtest and no less than 19 on the math subtest from test administrations on or after October 1989. Candidates for community counseling are not required to take the Praxis I examination.

On the graduate school application and in the essay, applicants should indicate
whether their focus is community counseling or school counseling. Prior to being admitted to a program, students may take up to 9 credits on a non-matriculated basis. However, taking such courses does not give the applicant an advantage in the application process. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program and PRAXIS examinations.

Application Deadlines
To be considered for admission to the Community Counseling program, all applications must be completed and received by February 1 for fall admission and October 1 for spring admission. To be considered for admission to the School Counseling program, all applications must be completed and received by February 1 for fall admission.

Program Requirements for School and Community Counseling
The programs in Community Counseling and School Counseling will be planned according to the following general outline:

Prerequisites:
PSY 100/102 — Introduction to Psychology
PSY 228/526 — Personality
PSY 259/530 — Statistics in Psychology or equivalent
PSY 321/528 — Abnormal Psychology
SED 481 or 482 — Teaching Exceptional Children (required for school counseling students only)

Required core courses for both programs:
CSP 540 — Understanding Individual Psychological Testing
CSP 550 — Counseling Procedures
CSP 552/553 — Counseling Practicum/ Counseling Practicum Seminar
CSP 555 — Interpersonal Group Dynamics
CSP 568 — Counseling and Life Span Development
CSP 569 — Theories of Counseling
CSP 572 — Psychology of Career Development
CSP 578 — Counseling and Assessment of Culturally Diverse Populations
CSP 656 — Group Counseling
CSP 675-676 — Internship I and II in Counseling
CSP 691 — Research and Evaluation in Schools and Community Agencies

Additional School Counseling Course Requirements:
CSP 570 — Principles and Organization of School Counseling Services
CSP 573 — Counseling Students for College and University Education
CSP 605 — Introduction to Family Counseling
CSP 606 — Counseling Procedures with Children

Additional Community Counseling Course Requirements:
CSP 521 — Counseling the Substance Abuser and Other Addicted Populations
CSP 595 — Principles of Organizational Development and Change in Community Counseling
CSP 672 — Student Personnel Services — Organization and Administration (required only for students pursuing counseling in a college setting)
PSY 528 — Psychopathology

Comprehensive Examination
All students are required to pass the comprehensive examination upon completion of their course work. Examinations are scheduled each semester.

Sixth Year Professional Diploma in Counseling
The sixth year advanced graduate studies program in Counseling provides the opportunity for students holding a master’s degree in Counseling to further their counseling competence. Programs can be individually designed. Students may, for example, pursue School Counselor or Licensed Professional Counselor certification as part of the sixth year program. At least 30 credit hours beyond the master’s is required for the sixth year. Admission materials for the sixth year can be obtained by calling (203) 392-5910.

SCHOOLPSYCHOLOGYPROGRAMS

Master of Science in School Psychology
School psychologists are employed in educational settings. They use their psychological knowledge, insight, and skills to promote human welfare and educational success, and to improve the institutions and programs in which they are involved. Preparation includes training in educational and psychodiagnostic evaluations, written and oral communication of results, developing individual educational interventions, making recommendations for remedial action, participation in special education and research programs, consultation, counseling, and other related activities.

The School Psychology program is accredited by the National Association of School Psychologists.

Admission Requirements and Procedures for School Psychology
Applicants should contact the Counseling and School Psychology Department office (203) 392-5910 or write to the Department to obtain program application material. Applicants must complete all admission material required by the School of Graduate Studies, and the School Psychology program. All general state and university teacher education admission and certification requirements described earlier in this catalog also pertain to the school psychology program.

Admission to the program is based upon the following criteria:
• Candidates must have a minimum undergraduate quality point ratio of 2.7.
• A minimum of 15 credits in psychology, including coursework in the following areas: developmental psychology, theories of personality, statistics, abnormal child psychology or psychopathology, learning theory or educational psychology
• Candidates must pass the state-mandated skills examination (Praxis I) in mathematics, reading, and writing, or, present a formal Praxis I waiver from the Educational Testing Service by obtaining a combined score of 1000 on the SAT with at least a score of 400 on both the verbal and the mathematics sections respectively from any test administration prior to March 31, 1995; or, present a combined score of 1100 on the SAT with at least a score of 450 on both the verbal and the mathematics sections respectively from any test administration on or after April 1, 1995; or, present a composite score of 24 or more on the American College Testing Program Assessment
(ACT), with no less than 22 on the English subtest and no less than 19 on the math subtest from test administrations on or after October 1989;

• Candidates must have completed the state-mandated special education course requirement (SED 481 or SED 482 — Teaching Exceptional Children).

• Evidence of a strong desire to enter the profession

• Evidence of superior interpersonal skills (relationships and communication)

• Strong recommendations from at least three individuals who know the candidate in a professional setting. The recommendations must be on the approved form, which may be downloaded from the Counseling and School Psychology's website. (Most of those providing recommendations also include a personal letter about the applicant.)

• Evidence of superior writing skills

Those who do not have sufficient background in psychology may need to take additional courses before being accepted into the program. Admission is once a year, in the fall; all required application material must be received by February 1. Applicants must contact the department for an application packet, with the necessary forms, or download them from the department website.

Program Requirements

The school psychology program consists of courses in educational and psychological foundations, assessment, consultation, individual and group counseling, intervention techniques, professional and ethical issues in mental health services, research techniques, and appropriate practicum and internship. Students obtain the master’s degree after completion of 37 credits and the comprehensive examination. Students may select from either a part-time or full-time sequence of study. The master’s program includes:

CSP 532 — Physical Bases of Behavior and Personality or

PSY 583 — Seminar in Comparative Physiological Psychology

CSP 533 — Individual Assessment I and lab

CSP 540 — Understanding Psychological Testing and Evaluation

CSP 550 — Counseling Procedures

CSP 555 — Group Dynamics

CSP 569 — Theories of Counseling

CSP 574 — Applied Behavioral Interventions in Schools, Classrooms and Counseling Settings or

PSY 557 — Behavior Modification and Therapy

CSP 641 — Professional Issues in School Psychology

CSP 670 — Psychology in the Schools

CSP 568 — Counseling and Life Span Development

CSP 691 — Research and Evaluation in School and Community Agencies or

RSM 594 — Methods of Research in the Behavioral Sciences or

EDU 592 — Research in Education

PSY 527 — Abnormal Child Psychology or PSY 528 — Psychopathology
Comprehensive Examination
Students are required to pass the comprehensive examination.

Sixth Year Professional Diploma in School Psychology
The NASP accredited sixth year professional diploma program in school psychology provides advanced professional study and training in school psychological services and leads to certification as a school psychologist in the State of Connecticut. The program develops competence in psychological skills to enable its graduates to observe and evaluate human behavior, facilitate behavioral change, and assume consultative roles with teachers, administrators, other school personnel, and parents, in the areas of child development, special education, mental health, curriculum development, and educational research. Students who complete the sixth year degree are prepared to take the Nationally Certified School Psychologist examination, which is used in many states for certification status.

In addition to general admission requirements, an applicant to the sixth year professional program for school psychology is required to have completed and demonstrated superior achievement in a master's degree program in school psychology or equivalent. Practitioners with doctoral degrees seeking re-specialization in school psychology will be asked to submit *performance-based proof* of competencies to waive any program requirements.

One year of full-time continuous study is required. The sixth year program consists of:

- CSP 534 — Individual Assessment II and lab
- CSP 535 — Individual Assessment III and lab
- CSP 578 — Counseling and Assessment of Culturally Diverse Populations
- CSP 606 — Counseling Procedures with Children
- CSP 631 — Introduction to Projective Techniques
- CSP 638 — School Psychology Intervention Techniques
- CSP 674 — Consultation in Schools

Certification courses:

- CSP 537 — Practicum in School Psychological Services (A supervised, 400 hour, school-based experience, and a university seminar; practicum is distinct from and must occur prior to internship.)
- CSP 652 — Internship Seminar (Internship consists of no less than 1200 hours of supervised school-based experience, and a university seminar. Internship may be completed full-time in one year or part-time over two years.)

*Elective(s) — with adviser’s approval*

COUNSELING AND SCHOOL PSYCHOLOGY COURSES

CSP 521 — Counseling the Substance Abuser and Other Addicted Populations
An exploration of clinical issues in substance abuse cases and an examination of counseling techniques applicable to addicts and significant others affected by addiction problems. Scheduled fall and spring semesters. 3 credits.

CSP 532 — Physical Bases for Behavior and Personality
A survey course of the basic structures of the brain and nervous system and their functions in relation to behavior. The impact on personality and behavior of genetics, nutrition, sex differences, stress, environmental factors, and the major medications
used to treat neurological or psychological dysfunctions are reviewed. Scheduled
summer semesters. 3 credits.

CSP 533-534 — Individual Assessment I, II
Principles and methods of performing individual psychological evaluations of school-
age children and youth. Administering, scoring, and interpreting Wechsler Intelligence
Scales, Stanford Binet, and other assessment instruments. Prerequisites: CSP 540 or
RSM 595, matriculation in school psychology program, and departmental permission. Scheduled fall and spring semesters. 4 credits each.

CSP 535 — Individual Assessment III
Advanced administration, scoring, and interpretation of individual evaluation
instruments, rating and observational scales, projective testing theory and practice.
Interpretation and report writing. Prerequisite: CSP 534 or equivalent, matriculation
in school psychology program, and departmental permission. Scheduled fall and
spring semesters. 4 credits.

CSP 537 — School Psychology Practicum I
Implementation of psychological services in schools, or other appropriate settings,
under the supervision of a certified school psychologist and faculty member.
Prerequisite: matriculation in school psychology program, and departmental
permission. Scheduled fall and spring semesters. 3 credits (CSP 537 may be repeated
for up to six credits).

CSP 540 — Understanding Psychological Testing and Evaluation
Psychological testing theory, clinical and practical aspects of individual test
administration, educational and clinical diagnosis, interpretation, and non-
discriminatory and controversial issues in testing. Prerequisites: PSY 530, RSM 593, or
equivalent. Scheduled fall and spring semesters. 3 credits.

CSP 549 — Issues in Crisis Intervention (Theory and Method)
A course specifically designed to give the counselor/therapist a theoretical and
practical background in crisis intervention in both school and community settings.
Prerequisite: CSP 550 or equivalent and departmental permission. Scheduled summer
semesters. 3 to 4 credits.

CSP 550 — Counseling Procedures
Current theories and practices in individual and group counseling; relationships to
educational, vocational, social, and emotional development. Includes skill building
through audio and videotaping. Prerequisites: CSP 555, CSP 569 and departmental
permission. Scheduled fall, spring and summer semesters. 3 credits.

CSP 552 — Counseling Practicum
The practicum provides an opportunity for the student to perform some of the
professional counseling activities of a regularly employed staff member in a school or
human service setting. One hour, one to one weekly supervision by a program faculty
member is required. Prerequisites: CSP 540, 550, 568, 570 or 595 and departmental
permission. Scheduled fall and spring semesters. 3 credits.

CSP 553 — Counseling Practicum Seminar
The seminar provides an opportunity for practicum students to meet together weekly
to integrate field experiences and discuss topics of professional interest. Prerequisite:
departmental permission. Prerequisites: CSP 540, 550, 568, 570 or 595 and departmental
permission. Scheduled fall and spring semesters. 3 credits each.
CSP 555 — Interpersonal Group Dynamics
A didactic-experiential practicum for the study of individual behavior and interpersonal dynamics in groups. This experience involves group members as participant observers in the various aspects of group development. Scheduled fall, spring and summer semesters. 3 credits.

CSP 568 — Counseling and Life Span Development
A study of human development over the life span from conception to death and its implications for the theory and practice of counseling. Skill building in developmental history taking, goal setting and treatment planning is included. Scheduled fall, spring and summer semesters. 3 credits.

CSP 569 — Theories of Counseling
A survey of major theories of counseling and a study of their applications to various client populations. Scheduled fall, spring and summer semesters. 3 credits.

CSP 570 — Principles and Organization of School Counseling Services
An introduction to the roles and functions of school counselors who work with students in a K-12 setting. The course emphasizes a developmental counseling approach. Scheduled fall and spring semesters. 3 credits.

CSP 572 — Psychology of Career Development
Dynamics of career development affecting growth of individuals in school settings and in counseling contexts throughout the life span. Scheduled fall and spring semesters. 3 credits.

CSP 573 — Counseling Students for College and University Education
A study of methods, materials, and successful practices to motivate, prepare and counsel students for higher education. Scheduled fall and spring semesters. 3 credits.

CSP 574 — Applied Behavioral Intervention in Schools, Classrooms and Counseling Settings
This course is a study of human behavior and the formal behavioral assessment process. It emphasizes functional behavioral assessments and behavioral intervention strategies in schools, classrooms and counseling settings. Prerequisites: CSP 569, CSP 550 and departmental permission. 3 credits.

CSP 578 — Counseling and Assessment of Culturally Diverse Populations
Enhancement of awareness of and sensitivity to issues in multicultural and cross-gender interactions. Students are provided with philosophical, theoretical, and applied knowledge for effective cross-cultural counseling and assessment. Prerequisite: CSP 550. Scheduled fall and spring semesters. 3 credits.

CSP 595 — Professional Orientation and Ethical Issues in Community Counseling
An overview of the community counseling model as it applies to needs assessment, program planning, development, delivery and evaluation; the role of the counselor as change agent and consultant. Scheduled fall semesters. 3 credits.

CSP 600 — Independent Study or Research
Identification and investigation of a problem; preparation and presentation of a scholarly document summarizing the study or research. Departmental permission required. 3 credits.

CSP 605 — Introduction to Family Counseling
An introduction to family counseling. Emphasis on understanding differences between
individual and systems approaches to helping families, and the role and function of a family counselor. An integrative approach to family counseling will be stressed with particular application to student’s practice situations. Class will include both didactic and experiential learning components. Scheduled summer semester. 3 credits.

CSP 606 — Counseling Procedures with Children
Application of the major theories and procedures for counseling children. Emphasis on case studies and practical applications. Prerequisites: CSP 550 and departmental permission. Scheduled fall or spring semesters. 3 credits.

CSP 610 — Applied Behavioral Analysis in Educational Settings
Applied Behavioral Analysis (ABA) is an approach to teaching founded on the science of behavior. This course will focus on appropriate use of effective ABA strategies to help students achieve success in school settings. Same course as SED 610. Prerequisites: CSP 574 or SED 375 or equivalent and departmental permission. 3 credits.

CSP 631 — Projective Techniques
Clinical evaluation of personality dynamics through the use of projective techniques with an emphasis on story-telling techniques, sentence completion tasks, and interviews. Integration of clinical findings with other data; preparation of comprehensive psychological reports. Prerequisite: CSP 533 or equivalent and departmental permission. Scheduled fall semesters. 3 credits.

CSP 638 — School Psychological Intervention Techniques
The appraisal, planning, implementation and measuring effectiveness of intervention techniques for students with academic, social and behavioral difficulties. Prerequisites: matriculation in school psychology and departmental permission. Scheduled spring semesters. 3 credits.

CSP 641 — Professional Issues in School Psychology
An introduction to the field of school psychology, including its history, the roles and functions of school psychologists, professional issues, and ethics and law for school psychologists. Prerequisite: matriculation in School Psychology. Scheduled fall semesters. 3 credits.

CSP 651 — Advanced Counseling Procedures
Principles, techniques, and theory. Students will enhance their skills in working with adults, children and/or adolescents using audio-visual technology and intensive supervision. Prerequisites: CSP 550 and departmental permission. Scheduled irregularly. 3 credits.

CSP 652 — Internship and Seminar in School Psychology
A one year full or part-time supervised school psychology experience in a school, agency, or institution providing psychological services for children or adults. Emphasizes the practical application of psychological knowledge, counseling skills, and theories. Prerequisite: Departmental permission. Scheduled fall and spring semesters. 3 credits (may be repeated for up to 12 credits).

CSP 656 — Group Counseling
Students participate in and learn advanced theories and techniques of group counseling. Focus is on the integration of theory and practice. Experiential opportunities are provided for both personal and professional development. Prerequisites: CSP 550 and departmental permission. Scheduled fall and spring semesters. 3 credits.

CSP 670 — Psychology in the Schools
Review of application of psychological theory in educational settings including
human learning, instructional and remedial techniques, pre-school interventions, curriculum, curriculum-based assessment, and instructional organization of schools. Some classroom observation required. Scheduled fall semesters. 3 credits.

CSP 672 — Student Personnel Services — Organization and Administration
Admission, registration, advising, housing, student activities, counseling, placement, and the role of the administrative head of student personnel. Scheduled irregularly. 3 credits.

CSP 674 — Consultation in Schools
A study of effective consultation and its relevance to the helping professional. Students will understand and be able to apply the three primary consultation models, understand client, consultee, and organizational variables, and demonstrate the knowledge and skills necessary to deliver effective consultation services. Prerequisites: CSP 550 and CSP 652, placement within a school setting, and departmental permission. Scheduled spring semesters. 3 credits.

CSP 675-676 — Counseling Internship I, II and Seminar
A full or part-time supervised counseling internship experience in a school, community agency, or institution providing psychological and other human services for children, adolescents or adults. Emphasizes the practical application of counseling skills, theories, and knowledge. Includes weekly seminar. Prerequisite for CSP 675: CSP 552, 553 and departmental permission. Prerequisite for CSP 676: CSP 675 and departmental permission. Scheduled fall and spring semesters. (May be repeated for up to 12 credits.) 3-6 credits each.

CSP 691 — Research and Evaluation in Schools and Community Agencies
Methods of conducting research and evaluation, along with learning how to read, analyze, and evaluate research published in professional journals. Prerequisite: PSY 530 or the equivalent. Scheduled fall and spring semesters. 3 credits.

The following course has been approved but is not scheduled for 2006-2007.

CSP 551 — Art Psychotherapy
EDUCATION

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BUZZELL, JUDITH B., Professor; B.A., University of Wisconsin; M.A., Columbia University; Sixth Year Diploma, Southern Connecticut State University

DICKINSON, CHERYL C., Professor; B.S., California University of Pennsylvania; M.S., Lehigh University; Ed.D., University of Pennsylvania

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GREENGROSS, STEVEN, Professor; B.A., Ed.M., Ed.D., Boston University

MARANO, NANCY L., Assistant Professor; B.S., Southern Connecticut State University; M.A., West Virginia Graduate College; Ph.D., University of Michigan

MEISEL, JOEL H., Professor; B.S., Marietta College; M.S., Southern Connecticut State University; Ph.D., University of Connecticut

RONIS, DIANE, Associate Professor; B.A., M.A., Brooklyn College; City University of New York; Sixth Year Professional Diploma, University of Bridgeport; Ph.D., The Union Institute.

TORRE, CARLOS, Professor; B.A., Northeastern Illinois University; M.Ed., Ed.D., C.A.S., Harvard University

APPLICATION DEADLINE:
Rolling admissions

ELEMENTARY AND EARLY CHILDHOOD EDUCATION

The department offers certification programs and graduate degrees in early childhood education, elementary education, and cross endorsement courses for middle grades education. A sixth-year program in classroom teacher specialist is also offered.

All applicants to certification programs must meet the certification requirements of the State of Connecticut. Refer to the section entitled "Admission to Teacher Certification Programs" in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.
Programs are offered leading to certification in early childhood and elementary education for those holding a bachelor’s degree and who wish to become certified teachers in the State of Connecticut. Student teaching (undergraduate credit) is required for certification.

The Departments of Education and Special Education jointly offer the Collaborative Early Childhood teacher certification program at the graduate level. Students seeking teaching certification or cross endorsement in collaborative early childhood may specialize in either Birth to Kindergarten or Nursery to Grade 3. The graduate early childhood collaborative certification program may be pursued on a full-time or part-time basis. A Master’s degree in either Education or Special Education can be planned concurrently.

A master of science degree with a specialization for regular classroom teachers is offered to those who are already certified and who hold a bachelor’s degree.

Students may pursue certification and the master’s degree concurrently. Completion of a master’s degree program is contingent upon first completing the requirements for certification.

Additional undergraduate courses may be required of students whose preparation indicates deficiencies in areas mandated by the State or the department for certification.

Admission Requirements for M.S. with Certification
Applicants must submit the following materials:

• a completed Application for Admission to the School of Graduate Studies form with the application fee
• official transcripts of all college level work indicating a grade point average of 2.7 or higher (Note: Interested applicants who do not meet these requirements should contact the Graduate Coordinator).

• After the School of Graduate Studies has reviewed the application file and determined that it is complete, the applicant will receive a letter with instructions to contact the Graduate Coordinator of the Elementary Education department to make an appointment. At the meeting, the applicant will receive information on the following:
  1. Information on the Conceptual Framework (Scholarship, Attitudes and Dispositions, Integrity, Leadership and Service)
  2. Information on the GATES and sequence of courses
  3. grade point average requirements
  4. Praxis I
  5. state and departmental undergraduate minimum requirements
  6. letters of recommendation forms
  7. essay requirements
  8. interview process

Interviews with the Admissions Committee will not be scheduled until all of the above items have been received. Incomplete applications will be withdrawn six months after the initial application is received. Prospective students are strongly encouraged to submit all materials at the same time.

CERTIFICATION PROGRAMS
COLLABORATIVE EARLY CHILDHOOD
The Departments of Education and Special Education jointly offer the Collaborative Early Childhood teacher certification program at the graduate level. Students seeking teaching certification or cross endorsement in collaborative early childhood may specialize in either Birth to Kindergarten or Nursery to Grade 3. The graduate Early Childhood Collaborative Certification Program may be pursued on a full-time or part-time basis. A Master’s degree in either Education or Special Education can be planned concurrently.

Required Courses for Birth to Kindergarten Certification
Foundations of Education – 3 credits
EDF 520 — Child in the American Culture - 3 credits
EDF 523 — Social Foundations of Education - 3 credits
Curriculum and Methods of Teaching — 18-21 credits
EDU 506 — Language Arts and Children’s Literature - 3 credits
EDU 533 — Curriculum Design and Methods for Nursery - Grade 3 - 3 credits
EDU 537 — Day Care: Policies and Programs – 3 credits
EDU 573 — Language Arts: A Developmental Approach - 3 credits
SED 550 — Early Childhood Special Education - 3 credits
SED 552 — Birth to 3: Assessment and Curriculum - 3 credits
SED 553 — Preschool: Assessment and Curriculum - 3 credits
SED 600 — Independent Study - 3-6 credits
Working with Families — 3 credits
EDU 538 — Parenting Education: Programs & Approaches - 3 credits
SED 551 —Parent-Professional Relationships - 3 credits
Student Teaching — 12 credits
EDU 300, 400, 450 or 451 based on advisement — Two eight week student teaching experiences
Additional Background Requirements
Fifteen credits in human growth and development
SED 481 — Teaching Exceptional Children in the Elementary Classroom – 3 credits
SHE 203 — School Health – 3 credits

Required Courses for Nursery to Grade 3 Certification
Foundations of Education – 3 credits
EDF 520 — Child in the American Culture - 3 credits
EDF 523 — Social Foundations of Education - 3 credits
Curriculum and Methods of Teaching — 18-21 credits (6 credits in language arts)
EDU 504 — Mathematics in the Elementary School - 3 credits
EDU 506 — Language Arts and Children’s Literature - 3 credits
EDU 533 — Curriculum Design and Methods for Nursery - Grade 3 - 3 credits
EDU 534 — Curriculum Design and Methods for the Elementary Classroom - 3 credits
EDU 573 — Language Arts: A Developmental Approach - 3 credits
SED 550 — Early Childhood Special Education - 3 credits
SED 553 — Preschool: Assessment and Curriculum - 3 credits
SED 554— The At-Risk Child in the Early Elementary Grades: Instruction and Assessment - 3 credits
Working with Families — 3 credits
SED 551 — Parent-Professional Relationships - 3 credits
EDU 538 — Parenting in Education: Programs & Approaches - 3 credits
Student Teaching — 12 credits
EDU 300, 400, 450 or 451 based on advisement — Two eight week student teaching experiences
Additional Background Requirements
Fifteen credits in human growth and development
SED 481 — Teaching Exceptional Children in the Elementary Classroom – 3 credits
SHE 203 — School Health – 3 credits

ELEMENTARY WITH CERTIFICATION
Dr. Maria Diamantis, Graduate Co-Coordinator, Tel. (203) 392-6143
Required Courses
EDF 520 or 523 — Educational Foundations, choose one, – 3 credits
SED 481 — Teaching Exceptional Children in Elementary Classes – 3 credits
SHE 203 — School Health – 3 credits
EDU 533 — Curriculum Design and Methods for Nursery-Grade 3 – 3 credits
EDU 534 — Design Methods for the Elementary Classroom – 3 credits
EDU 539 — Child Development for Elementary Grade Teachers or PSY 511 — Advanced Developmental Psychology – 3 credits
EDU 301 — Reading – 3 credits
EDU 503 — Science in the Elementary School – 3 credits
EDU 504 — Mathematics in the Elementary School – 3 credits
EDU 505 — Social Studies in the Elementary School – 3 credits
EDU 506 — Language Arts and Children’s Literature – 3 credits
EDU 450/451— Student Teaching (2 eight-week periods) – 5 credits each
EDU 509 — Student Teaching Seminar – 1 credit

Secondary Education Certification
For secondary education certification information, please refer to the section on secondary education under “Application and Admission.”

MASTER OF SCIENCE IN EDUCATION PROGRAM
Dr. Maria Diamantis, Graduate Co-Coordinator, Tel. (203) 392-6143
Required Courses
Students must hold state certification for this program.
Educational Foundations — 3 credits
EDF 520-526 — Foundations of Education (choose one)
Learning Theory — 3 credits
EDU 539 — Child Development for Elementary Grade Teachers or PSY 511 — Advanced Developmental Psychology
Educational Research — 3 credits
EDU 592 — Research in Education or
RSM 591 — Educational Measurement for Classroom Teachers
Research Project — choose one
EDU 590 — Thesis Seminar (3 or 6 credits)
EDU 591 — Field Project in Education (3 credits)
(Students must request to be placed on a waiting list for EDU 591 one semester in advance of anticipated enrollment in the course.)
Electives — 15-24 credits
Any graduate course may be chosen as an elective by the student with the approval of a faculty adviser or the graduate coordinator.

Master’s Thesis
Thesis Seminar (EDU 590) and Thesis — 3 or 6 credits

Comprehensive Examination
In lieu of the thesis, the student enrolls in additional electives, and must pass a comprehensive examination.

Field Project
A minimum of 36 graduate credits, including EDU 591, in the student’s area of specialization as approved by faculty adviser and the graduate coordinator is required.

SIXTH YEAR PROFESSIONAL DIPLOMA
Classroom Teacher Specialist
Dr. David Levande, Co-Coordinator, Tel. (203) 392-6425 or (203) 392-6429
Dr. Christine Villani, Co-Coordinator, Tel. (203) 392-5343.

The Classroom Teacher Specialist program is designed to enrich and expand the role of the career teacher. By emphasizing professional growth and self-improvement, this program gives each individual ample opportunity to investigate current learning theories, and to apply theory to practice. It allows students to explore the development of curriculum and to pursue advanced professional interests. The program allows for students to pursue a general interest area or a specific interest area of study. The program may also be designed for students who are seeking cross-endorsement.

The Sixth Year Professional Program for Classroom Teacher Specialists enriches and expands the role of the career teacher. Students in this program will be able to investigate current learning theories, explore the development of curriculum, and implement theory as practice, as well as pursue personal and professional interests. The program emphasizes professional growth and self-improvement through guided instruction and self-directed analysis.

Students successfully completing the program are awarded the Sixth Year Professional Diploma of Advanced Study.
To be admitted to the program, students must have a master’s degree and must satisfy admissions requirements for a sixth year program. All students are required to enroll in the following courses, each of which carries three semester hours of credit.

Basic Courses — 9 credits
EDU 611 — Curriculum: Development and Implementation of Theories in the Classroom
EDU 612 — The Teaching-Learning Process: A Teacher’s Perspective
EDU 613 — Diverse Classroom Models: Principles and Practices

Research Component — 6 credits
EDU 618 — Field Study — Applied Research
EDU 619 — Seminar — Current Issues Affecting Classroom Teachers

Working with a faculty advisor, each student selects an additional 15 credits.

EDUCATION COURSES
Courses marked with an asterisk (*) are required for teaching certification only.

EDU 450* — Student Teaching I
Guided observation and supervised student teaching in cooperating schools. Prerequisite: departmental permission. Scheduled fall and spring semesters. 5 credits.

EDU 451* — Student Teaching II
Guided observation and supervised student teaching in cooperating schools. Prerequisite: departmental permission. Scheduled fall and spring semesters. 5 credits.

EDU 452* — Secondary School Student Teaching
Guided observation and supervised student teaching in grades 7-12 in cooperating schools. Ten week course. Prerequisite: EDU 490, EDU 491, EDU 492, EDU 493, or EDU 494. Corequisite: EDU 453. 8 credits.

EDU 453* — Student Teaching Seminar
Discussions of educational issues, in particular, those raised by the student’s experiences in the field. Taken concurrently with student teaching. Prerequisite: EDU 490, EDU 491, EDU 492, EDU 493, or EDU 494. Corequisite: EDU 452. 1 credit.

EDU 490* — English (Secondary School)
Methods of and new approaches to teaching standard subject matter. For certification only. 3 credits.

EDU 491* — Foreign Languages (Secondary School)
Critical study of the theories, methods, and techniques of modern foreign language teaching. Prerequisite: 18 credits of foreign language including literature. For certification only. 3 credits.

EDU 492* — Mathematics (Secondary School)
Methods of teaching arithmetic and algebra in grades 7-12. Content includes the study of postulates, definitions, and theorems of the natural numbers, integers, and rational numbers. For certification only. 3 credits.

EDU 493* — Science (Secondary School)
General science concepts are presented through assigned readings, lecture demonstrations and discussions for teaching grades 7-12. For certification only. 3 credits.

EDU 494* — Social Science (Secondary School)
Current practices in teaching social studies including an examination of teaching materials and resources. For certification only. 3 credits.

**EDU 497* — Poetry in the High School**  
Methods of teaching poetry in the high school. 3 credits.

**EDU 498* — The Novel in the High School**  
Methods of teaching the novel in the high school. 3 credits.

**EDU 500* — Student Teaching**  
Four to sixteen weeks of supervised student teaching in an elementary classroom K-6 under special conditions. Seminars are arranged by coordinators. Prerequisite: Departmental permission. 2-8 credits.

**EDU 501 — Music in the Elementary Classroom**  
Materials and methodology for teaching a broad range of music activities in the elementary classroom, including singing, playing classroom instruments, moving, creating, and integrating music into other disciplines. Special attention will be given to ways of improving multi-cultural understanding through music. 3 credits.

**EDU 502 — Art for the Elementary Teacher**  
Objectives, principles, and practices of art experiences in the elementary school. Scheduled fall semesters. 3 credits.

**EDU 503 — Science in the Elementary School**  
The content, organization, and techniques of instruction in elementary science, from nursery school through grade eight. Departmental permission required. Scheduled fall, spring and summer semesters. 3 credits.

**EDU 504 — Mathematics in the Elementary School**  
The use and meaning of numbers in children’s lives. Trends in arithmetic teaching evaluated. Prerequisites: MAT 105 and MAT 106 or equivalents. Departmental permission required. Scheduled fall, spring, and summer semesters. 3 credits.

**EDU 505 — Social Studies in the Elementary School**  
Social experience, interests, and needs of children. Content and objectives of the social studies curriculum. Departmental permission required. Scheduled fall, spring, and summer semesters. 3 credits.

**EDU 506 — Language Arts and Children’s Literature**  
Integration of language arts in the phases of oral and written expression, such as dramatics, choral speaking, and creative writing. Appreciation and knowledge of children’s books, including both historical and contemporary literature. Departmental permission required. Scheduled fall, spring, and summer semesters. 3 credits.

**EDU 509* — Student Teaching Seminar**  
A one credit seminar in conjunction with student teaching that deals with issues and current practices in education. Topics will include Connecticut state regulations, classroom management, planning for and implementation of curriculum, and student experiences. Prerequisite: to be taken concurrently with student teaching. Scheduled fall and spring semesters. 1 credit.

**EDU 510 — Curriculum Planning**  
Recent trends and current developments in the elementary school curriculum. Methods and techniques of changing the curriculum, with attention to the role of teachers, administrators, parents, and citizen groups. Scheduled fall semesters. 3 credits.

**EDU 511 — Curriculum Experiences in Elementary Geometry**
A hierarchy of geometry teaching techniques beginning with the pre-school child's first topological ideas and extending through the elementary school grades. Opportunity will be provided for development of instructional strategies for involving children in the study of geometry. Scheduled irregularly. 3 credits.

EDU 512 — Elementary Curriculum Workshop
Recent research appraisal of current practices and the needs of today’s youth. Opportunity for individual projects. Scheduled wintersession and summer semesters. 3 credits.

EDU 513 — Home-School-Community Relations
Consideration of traditional and current practices, problems, and trends in home-school-community relations, with emphasis on current issues and problems in large urban areas. Scheduled fall and spring semesters. 3 credits.

EDU 514 — Education of the Gifted
Identification of gifted children; recognition of their characteristics, abilities, and needs; and provision of adequate facilities for their development. Scheduled summer semesters. 3 credits.

EDU 515 — Trends in Elementary Mathematics
Recent research, publications, films, programs and teaching. For teachers, principals, and supervisors of elementary mathematics. Opportunity for individual projects. Scheduled fall and summer semesters. 3 credits.

EDU 517 — Developments in Science Education
A study of outstanding city and state syllabi, textbooks, research publications, and collateral reading is made to determine the science concepts, principles, and activities at various grade levels. Attention also is given to the psychology of science teaching. Prerequisite: Course in science teaching. Also listed as SCE 517. Scheduled summer semesters. 3 credits.

EDU 518 — Trends in Elementary Social Studies
Enables social studies teachers and administrators to update their teaching perspectives, evaluating criteria, styles, and strategies. Strategies include: specific models for organizing curricula, changing focus on curricula content, utilization of suitable technology, and development of simulation games. Scheduled summer semesters. 3 credits.

EDU 520 — A Woman’s Place is in the Curriculum: A Multicultural Approach.
Introduction of multicultural women’s studies content to education professionals. Workshop facilitators demonstrate strategies for infusing women’s studies content into K-12 curriculum. Also listed as WMS 518, HIS 518, IDS 518. Scheduled summer semesters. 3 credits.

EDU 524 — Law for the Classroom Teacher
This course provides an introduction of school law as it applies to teachers' and students' rights and responsibilities within the school and the classroom. The course will include discussion of major legal decisions that affect teachers and students. Scheduled fall and spring semesters. 3 credits.

EDU 528 — Individualized Instruction in the Elementary School
New school organizational plans and strategies for individualizing curriculum, modern learning theories, new roles for teachers and strategies for meeting the range of children’s abilities in the classroom. Scheduled fall, spring, and summer semesters. 3 credits.
EDU 530 — Interdisciplinary Teaching in the Middle Grades
The development of integrated curriculum in the middle school. Study of interdisciplinary teaching models and instructional strategies. Prerequisites: EDU 551, EDU 554 or departmental permission. Scheduled fall, spring and summer semesters. 3 credits.

EDU 531 — Programs for Early Childhood
Diverse practices and trends in pre-school, kindergarten, and elementary education. Various approaches to informal education are studied, e.g. Montessori education, constructivism, the Bank Street model, magnet schools and international models. Scheduled fall and spring semesters. 3 credits.

EDU 532 — Creative Experiences for Children
The meaning of creativity, principles of creative teaching in the areas of art, music, movement, creative dramatics, and language arts at the elementary level. Scheduled fall and summer semesters. 3 credits.

EDU 533 — Curriculum Design and Methods for Nursery — Grade 3
The theoretical framework for a developmentally appropriate, culturally sensitive curriculum for children in nursery, kindergarten, and the early grades. Foundations for later learning. Workshops in music, art, literature, and multicultural education. Scheduled fall, spring, and summer semesters. 3 credits.

EDU 534 — Curriculum Design and Methods for the Elementary Classroom
The selection, planning, guidance and assessment of learning experiences in the elementary school. Language arts, mathematics, social studies, science, media and technology considered in the light of cognitive psychology and learning theory. Scheduled fall, spring and summer semesters. 3 credits.

EDU 535 — Seminar in Early Childhood Education
Multicultural and diversity issues discussed in addition to social issues that impact on the education of children in pre-schools, kindergartens and elementary schools. Scheduled fall semesters. 3 credits.

EDU 537 — Day Care: Policies and Programs
History and theory of day care and techniques of establishing and running educationally sound day care centers. Scheduled spring semesters. 3 credits.

EDU 538 — Parent Involvement in Education: Programs and Approaches
Theories and practices in parent involvement. Methods for helping teachers work sensitively and effectively with families and improving school-home communication. Scheduled spring or summer semesters. 3 credits.

EDU 539 — Child Development for Elementary Grade Teachers
Developmental stages of children from ages six to twelve, the years of the elementary school, and their impact on the teaching/learning process. Scheduled fall, spring and summer semesters. 3 credits.

EDU 540 — Secondary Education Curriculum
The philosophy, objectives, content and techniques; the block or multiple period; core integrated and unified curriculum. For certification only. Scheduled irregularly. 3 credits.

EDU 549 — New Dimensions in Early Childhood Education
An institute that deals with contemporary issues, current developments and future needs in education. Outstanding authorities in education and other related disciplines
give presentations followed by discussions and seminars. Scheduled summer semesters. 3 credits.

**EDU 551 — Early Adolescent Development**
Study of the physical, social, emotional, and intellectual changes that take place during puberty and early adolescence. Scheduled fall and summer semesters. 3 credits.

**EDU 554 — Principles of Middle Grades Education**
Analysis of the unique nature of middle grades education. How the middle school is different from the elementary and high school. Infusion of technology in instructional strategies. Prerequisites: EDU 551 or departmental permission. Scheduled irregularly. 3 credits.

**EDU 555 — Energizing Education Through Brain-Compatible Learning**
Development and implementation of a "brain-based" approach to instruction and assessment that takes advantage of the brain's intrinsic nature to make connections, look for patterns, and search for meaning. Emphasis is on inquiry, discovery, and the problem-solving methodology endorsed by current reform efforts for achievement of optimum learning and comprehension. Scheduled summer semesters. 3 credits.

**EDU 560 — Controversial Issues in Contemporary Education**
Critical examination of controversial issues affecting education. Scheduled fall and summer semesters. 3 credits.

**EDU 563 — Anti-Bias and Multicultural Perspectives in the Classroom**
Designing and utilizing strategies, curriculum, materials, and resources to infuse multicultural perspectives into the classroom. Practical training to reduce bias and prejudice. Scheduled wintersession and spring break semesters. 3 credits.

**EDU 566 — Media Utilization and Curriculum**
The curriculum of the modern school is examined. Principles and methods of evaluation, selection, and utilization of media are related to curriculum and personal needs of children and youth. Prerequisite: ILS 562 or EDF 520 or departmental permission. Scheduled fall, spring, and summer semesters. (Formerly LSC 509). 3 credits.

**EDU 572 — Teaching and Learning I**
Participants of this course will engage in concrete, active exploration, and investigation in mathematics, language arts, and the physical and social sciences with computer classes integrated throughout. Subsequent reflection on their own learning will provide participants with the basis for the construction of pedagogy related to learning. Prerequisite: departmental permission. Scheduled irregularly. 8 credits.

**EDU 573 — Language Arts: A Developmental Approach**
This course takes a developmental approach to the teaching of the language arts at the early childhood and elementary levels. Spelling, writing, and reading are studied in relation to child development and teaching applications. Scheduled fall, spring and summer semesters. 3 credits.

**EDU 575 — Integrative Field Experience in Math and Science Teaching**
This course involves participants in direct field experience in the elementary classroom during a clinical fellowship year. The specific focus is on math and science instruction Prerequisite: departmental permission. Scheduled irregularly. 6 credits.

**EDU 576 — Integrative Field Experience in Language Arts and Social Science Teaching**
This course involves participants in direct field experience in the elementary classroom with accompanying seminars during a clinical fellowship year. The specific focus is on
language arts and social studies instruction. Prerequisite: departmental permission. Scheduled irregularly. 6 credits.

EDU 587 — Curriculum Models in Operation
A practical in-depth view of specific elementary level curriculum models including on-site involvement. Issues to be analyzed include the learning environment, diagnostic tools, the role of the teacher, and curriculum objectives. Prerequisite: a course in curriculum theory. Scheduled irregularly. 3 credits.

EDU 590 — Thesis Seminar
Research and writing of the thesis in the area of concentration under the direction of an education department faculty member. For specific details consult the chairperson or graduate coordinator of the department. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 or 6 credits.

EDU 591 — Field Project in Education
Students will plan, develop, and implement a project related to elementary education with the aid of the instructor. Required of master’s students in the special project track. Prerequisite: departmental permission. Scheduled fall, spring and summer semesters. 3 credits.

EDU 592 — Research in Education
Research methods used in educational research and critical evaluation of published research. Scheduled fall, spring and summer semesters. (Also listed as RSM 591). 3 credits.

EDU 599 — Special Topics in Education — 1-6 credits

EDU 600 — Directed Study and Research
Identification and investigation of a problem in the field of education and the preparation and presentation of a scholarly document summarizing the study or research. Prerequisite: departmental permission. Scheduled fall, spring and summer semesters. 3 credits.

EDU 611 — Curriculum Theories: Development and Implementation in the Classroom
Demonstrations, lectures, workshops, learning centers, subject matter experts, and assigned observations to enliven and enlarge the scope of the elementary curriculum. Scheduled fall and spring semesters. 3 credits.

EDU 612 — The Teaching-Learning Process: A Teacher’s Perspective
Psychological attitudes and assumptions and how they affect an elementary teacher’s classroom performance. Course relates each student’s personal perspective to sound psychological practices and to the needs of the specific professional environment. Scheduled fall and spring semesters. 3 credits.

EDU 613 — Diverse Classroom Models: Principles and Practices
Models of elementary teaching in current use, the patterns on which they are based, and the alternative strategies possible for improvement of teacher competencies. Scheduled during summer session. 3 credits.

EDU 618 — Field Study: Applied Research
An opportunity for the teacher to engage in research for professional growth and self-improvement (By arrangement.) Prerequisite: EDU 611, 612, 613. Scheduled spring semesters. 3 credits.

EDU 619 — Seminar: Current Issues Affecting Classroom Teachers
Sharing of knowledge, a means of improving professional understanding concerning education. The student will contribute information on the procedures and/or findings of a field study. Prerequisites: EDU 611, 612, 613 and 618. Scheduled summer semesters. 3 credits.

INTERDISCIPLINARY COURSES

IDS 506 — Techniques in Special and Regular Education
Utilization of mainstreaming techniques with both regular and special populations of children. Philosophical, methodological, and problematical issues will be examined. 3 credits.

IDS 518 — A Woman’s Place is in the Curriculum: A Multicultural Approach
Introduction of multicultural women’s studies content to education professionals. Workshop facilitators demonstrate strategies for infusing women’s studies content into K-12 curriculum. Scheduled summer semesters. 3 credits.

IDS 573 — Creativity
The development of teaching strategies and school organizational patterns that foster students’ potential for creative thought. Scheduled fall, spring, and summer semesters. 3 credits.

IDS 597 — Contemporary Issues: Interdisciplinary Teaching and Learning — An Internet Based Course
Interdisciplinary teaching and learning in K-12 schools, including team-teaching across disciplines, leadership, inclusive and culturally sensitive classrooms, technology. Students participate together in classroom activities as well as virtually with other students worldwide. A home computer internet connection is convenient but not mandatory. Scheduled fall and/or spring semesters. 3 credits.

The following courses have been approved but are not scheduled for 2006-2007.

EDU 516 — Diagnostic and Remedial Arithmetic
EDU 519 — Economic Education in the Classroom
EDU 521 — Micro-Computers in Education I
EDU 522 — Micro-Computers in Education II
EDU 529 — Piaget for Teachers
EDU 536 — Living and Learning with Young Children
EDU 541 — Workshop in the Secondary School
EDU 543 — Energizing the Teaching of Science and Math
EDU 574 — Knowledge: Definitions, Categories, and Development
EDUCATIONAL FOUNDATIONS

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McDANIELS, CYNTHIA, Professor; B.A., M.A., University of California, Berkeley; Ph.D., University of Maryland, College Park

MAGNO, CATHRYN M., Assistant Professor; B.A., Tufts University; Ed.M. Harvard University; Ph.D., Columbia University

APPLICATION DEADLINE:
Rolling admissions

SIXTH YEAR PROFESSIONAL DIPLOMA

The sixth year program in educational foundations is designed for professionals in education who wish to develop their expertise by broadening their understanding of social, cultural, political, historical and philosophical influences on student learning.

Completion of this 30 credit program requires 21 credits of specified educational foundations and leadership courses and 9 credits in graduate level electives. At least 3 credits of electives must be in foundational areas. All program choices are included in a planned program and must be approved by the program coordinator. The course of study permits a degree of flexibility to allow students to pursue areas of interest both within required courses and by choosing electives. This interdisciplinary approach sharpens skills in foundational areas that, in turn, open a wider spectrum of professional and personal interests.

In addition to being offered at Southern’s campus in New Haven, a number of required courses are offered online.

Required courses
EDF 698 — Issues in Educational Foundations
EDF 699 — Seminar in Educational Foundations
EDL 680 — Leadership Perspectives
EDL 682 — Organizational Development
EDF 655 — Foundations of Moral Education
EDF 660 — Comparative Dynamics and Designs of Educational Change
EDF 665 — Multicultural Education

ADMISSION TO THE PROGRAM AND DEPARTMENT

To matriculate in this diploma program, candidates must have an earned master's degree, maintained (at the post-baccalaureate level) a cumulative grade point average of 3.2 or higher, a resume, submit an essay describing reasons for pursuing a course of study in Educational Foundations, submit two letters of recommendation, and evidence of at least two years of teaching experience. A personal interview is required. Any
applicant with an undergraduate grade point average below 2.70 must apply for a waiver. The waiver policy is accessible on the department's website: www.southernct.edu/departments/edl.

EDUCATIONAL FOUNDATIONS COURSES

EDF 520 — Child in the American Culture
Children’s needs as they relate to cultural, family, and community patterns, and to trends in American society today. The school is examined as one among agencies and institutions helping children. Scheduled fall, spring, and wintersession semesters. 3 credits.

EDF 522—Education in Other Nations
Comparison of educational systems and practices in various regions of the world. Scheduled summer semesters. 3 credits.

EDF 523 — Social Foundations of Education
Selected contemporary problems of American education in broad social contexts. The changing roles of educators in American society. 3 credits.

EDF 526 — History of American Education
This course surveys the major historical events, key individuals and policies in American education. Historical analytical strategies are used to examine education from an educational foundations perspective. 3 credits.

EDF 600 — Independent Study
1-4 credits.

EDF 601 — Educational Futures
A critical examination of social science and humanistic dimensions of educational changes and lifelong education in post-industrial society. Scheduled on a rotating basis, the course will be scheduled at least once each year. 3 credits.

EDF 655 — Foundations of Moral Education
Issues, comparative approaches to education for morality. Scheduled on a rotating basis. 3 credits.

EDF 660 — Comparative Dynamics and Designs of Educational Change
Study of the educational change process, personal change, persistent categories for analyzing change, case studies, and models for more effective change systems. Scheduled on a rotating basis in the fall or spring. 3 credits.

EDF 665 — Foundations of Multicultural Education
Designed to familiarize educators with the social foundations and practice of multicultural education in the classroom. Scheduled on a rotating basis in the fall or spring. 3 credits.

EDF 698 — Issues in Educational Foundations
Introductory course for sixth year students that reviews traditional foundational areas of study and explores current issues in preparation for selection and study of a selected topic. EDF 698 should be the first course taken in the program. Scheduled fall semesters. 3 credits.

EDF 699 — Seminar in Educational Foundations
A culminating experience that examines, through individual and group processes, a problem area that has been selected by the student and investigated throughout the program. EDF 699 should be the last course taken in the program. Prerequisite: EDF 698 and departmental permission. Scheduled once a year in the spring or summer semester. 3 credits.
EDUCATIONAL LEADERSHIP

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RICHARDSON, LYSTRA M., Professor; B.S., Pace University; M.A., Fairfield University; Sixth Year Diploma, Southern Connecticut State University; Ph.D., University of Connecticut

SQUIRES, DAVID H., Associate Professor; B.A., M.A., Allegheny College; Ph.D., University of Pittsburgh

APPLICATION DEADLINE:
Sixth Year and Certification programs: Rolling admissions
Master of Science Degree program in Research, Statistics and Measurement: Rolling admissions
Sixth Year program in Educational Foundations: Rolling admissions
Doctoral Program: Contact Educational Leadership Department

THE SIXTH YEAR PROGRAM
The Sixth Year Program in Educational Leadership is designed to prepare qualified and effective organizational leaders, primarily in the field of education. Those who successfully complete a planned program of at least 30 credit hours within six years are awarded a Professional Diploma of Advanced Graduate Study. Educators who hold certificates for service in the public schools and meet experience requirements may qualify for certification as intermediate administrators/supervisors through prescribed coursework, field work, and assessment processes of the sixth year program.

THE INTERMEDIATE ADMINISTRATOR CERTIFICATION PROGRAM
To matriculate in this certification program, candidates must have earned a master’s degree, maintained (at the post-baccalaureate level) a cumulative grade point average of 3.2 or higher, a resume, submit a writing sample explaining prior leadership experience, submit two letters of recommendation, and evidence of four years teaching experience. Any applicant with an undergraduate grade point average below 2.70 must apply for a waiver. The waiver policy is accessible on the department's website:
Certification through this program provides its graduates the basic background for positions as assistant principals, principals, staff developers, supervisors of instruction, curriculum coordinators, assistant superintendents of schools, department chairpersons and supervisors in special subjects or fields such as art, elementary or secondary education, health and physical education, special education, pupil services, and subject matter disciplines.

Initial Requirements — 9 credits
EDL 680 — Leadership Perspectives
EDL 681 — Leadership Development
EDL 682 — Organizational Development

Intermediate Requirements — 9 credits
EDL 683 — Supervision and Staff Development
EDL 684 — Learning Theory
EDL 685 — Curriculum Development

Additional Requirements — 6 credits
EDL 602 — Education Law
EDL 657 — School Finance

Culminating Requirements — 6 credits
EDL 688 — Internship
EDL 689 — Seminar in Leadership and Supervision

The field experience/internship is satisfied by successfully completing and reporting on a formal internship. The student works under the joint supervision of a faculty adviser and a practicing school administrator or supervisor.

The final required course, EDL 689, consists of seminars which focus on problem-solving in simulated field problems and discussion of contemporary issues applying skills and understandings developed throughout the sixth year program.

Transfer credits are not accepted for inclusion in the certification and/or sixth year program. The program requirements must be met by enrolling in SCSU’s Educational Leadership courses.

Certification
Graduate students enrolled in this program who hold or are eligible for a Connecticut Teaching Certificate and have five years of successful teaching experience may be recommended for an Initial Educator Certificate for Intermediate Administrator or Supervisor upon completion of the initial and intermediate requirements and EDL 688 (internship) in their planned programs (21 credit hours). Students must also pass the Connecticut Administrators Test (CAT). Successful completion of one year of service under the Initial Educator Certificate leads to Provisional Educator certification as an Intermediate Administrator or Supervisor. To hold a Professional Educator certification, the individual must have completed a sixth year program of graduate studies, or completed 30 hours beyond the master’s degree and served successfully as an intermediate administrator or supervisor for three years under the Provisional Educator certificate.

Several important changes in certification requirements have been issued by the State
Department of Education, some of which relate to special education, technology, and exit testing. Students are strongly urged to visit the departmental website (www.southernct.edu/departments/edl) for updated information.

OFF CAMPUS LIMITATION
Students must perform at least 50 percent of their total program at the SCSU campus. In effect, this restricts the total number of courses any student may take off campus if he or she wishes to qualify for certification (no more than three courses) and/or the Sixth Year Diploma (no more than five courses).

Students and graduates of our program are welcome to use the department’s career opportunities service by calling 1-203-392-5349 any day or time.

MASTER OF SCIENCE DEGREE IN RESEARCH, STATISTICS AND MEASUREMENT
The University offers a Master of Science degree program in Research, Statistics and Measurement to prepare specialists in behavioral science and education. Please refer to the detailed description of the program under its own heading in the latter part of this catalog.

SIXTH YEAR DIPLOMA IN EDUCATIONAL FOUNDATIONS
The University offers a Sixth Year Diploma in Educational Foundations designed for people looking for versatility and flexibility in a program of study that satisfies their personal interests and professional goals. Please refer to the section on Educational Foundations in the earlier part of this catalog for further details about this program.

THE SUPERINTENDENT OF SCHOOLS CERTIFICATION PROGRAM
This certification program is designed to produce highly competent superintendents who are able to provide vision and leadership, to exercise skill in managing people and resources, to plan for the future, to personify the ideals of education in the community, and to resolve conflicting demands of many constituencies.

The applicant must hold a master’s degree with a cumulative grade point average of 3.2 or better at the post-baccalaureate level; hold or be eligible to hold an initial, provisional, or professional educator certificate for intermediate administrator/supervisor; be serving in, or have a minimum of one year’s experience in a full-time administrative or supervisory position requiring the intermediate administrator certificate; and submit a writing sample explaining prior leadership experience, three letters of recommendation, and a written statement detailing his or her personal vision for education. Admission to this certification program is selective and limited. Each candidate is interviewed by the department chair or a member of the faculty.

Requirements
The department offers a variety of courses pertaining to the administration of public education. With faculty advisement, students draw from a wealth of courses to develop individualized planned programs.

In addition to coursework, each student will take an internship and enroll in a companion seminar. Currently, the internship requires a minimum of 20 days and 200 hours distributed throughout a full calendar year. Interns work, with faculty advisement, in a school district under the guidance and direction of a mentor superintendent. Interns, mentors, and faculty members participate in the culminating seminar.

Transfer credits from other colleges are not accepted for the superintendent’s program. The program requirements can be met by enrolling in SCSU's Educational Leadership core and elective courses only. SCSU graduate level courses outside of the Educational Leadership core are not allowed to count towards the SCSU Certification Program requirement.
Leadership Department must be approved by the Department Chair for inclusion in the planned program of study.

Certification

To obtain SCSU’s recommendation for Initial Educator certification as Superintendent of Schools, the student must have three years experience working under the Intermediate Administrator certificate and a total of eight years experience as teacher/specialist/intermediate administrator. The program on which the institutional recommendation is based shall aggregate not less than 30 semester hours of graduate study in addition to the master’s degree and shall include not less than 21 semester hours in SCSU’s preparation program for the superintendency. Successful completion of one year of service as Superintendent of Schools under the Initial Educator certificate leads to Provisional Educator certification, and an additional three years experience as Superintendent under the Provisional Educator certificate leads to Professional Educator certification as Superintendent of Schools.

DOCTORATE IN EDUCATIONAL LEADERSHIP — Ed.D.

Admission to the Ed.D. program begins with separate applications to the School of Graduate Studies and the Department of Educational Leadership. Proven leadership potential is the single most important factor in acceptance. Applications for the Fall 2006 entering class must be received no later than March 1, 2006 at 5 p.m.

Additional criteria are as follows:
• demonstrated ability to do academic work as is typically proven by attaining a master's degree, or other forms of scholarship
• three letters of recommendation from educational, community or civic leaders attesting to leadership potential
• Graduate Record Examination (General Test)
• a writing sample of up to 1500 words describing a candidate's professional life to date, plans for the future, and how the Ed.D. fits into this plan
• selection by the faculty as a doctoral/cohort member
• interview with admissions committee

Program Requirements

The doctoral program in Educational Leadership is designed to prepare leaders with the commitment, courage and competencies to transform their educational institutions to meet the challenges of the 21st century; and to develop a cadre of reflective educational professionals whose mastery of application-oriented research brings informed intelligence to policy reformation and resolution of operational issues for the school systems of Connecticut and the nation. To that end, a rigorous 63 credit planned course of study is as follows:

Year I - 21 credits
EDL 701 — Applications in Leadership and Organizational Development I
EDL 703 — Leading Organizational Change
EDL 704 — Quantitative and Qualitative Methods in Educational Leadership I
EDL 707 — Leading a Learning Organization
EDL 708 — Leadership for Social Equity
EDL 711 — Educational Policy: Context and Inquiry
EDL 718 — Educational Planning

Year II - 27 credits
Advanced Topics (electives) and
EDL 702 — Applications in Leadership and Organizational Development II and
EDL 705 — Applications of Quantitative & Qualitative Methods in Educational Leadership II

Year III — 9 credits
EDL 730 — Doctoral Inquiry Seminar I
EDL 731 — Doctoral Inquiry Seminar II
EDL 722 — Research Design and Evaluation I
EDL 723 — Research Design and Evaluation II

Comprehensive Examination

Year IV — 6 credits
Dissertation Research and Writing

Probationary Period
Entering doctoral students are officially in a period of probation for the first year (12 credits of doctoral coursework) of the program. If at the end of the first year the student receives a rating of unsatisfactory from the faculty review, matriculation status may be withheld.

Matriculation
At the close of the first year (12 credits of doctoral coursework), students making satisfactory progress in the program must submit an "Application for Doctoral Matriculation in Educational Leadership." Upon faculty approval of the application, students will be granted matriculation to the doctoral program. They will be considered matriculated doctoral students until completion of their coursework, passage of their comprehensive examination and passage of their proposal hearing, at which time they are eligible for doctoral candidacy.

Comprehensive Examination
All matriculated doctoral students wishing to become doctoral candidates must pass a written comprehensive examination. This exam is designed by the doctoral faculty to rigorously assess the student's mastery and synthesis of knowledge garnered during coursework. Further, it is intended to gauge the student's potential for independent dissertation research. Students should take the exam in January of the third year, after all or most coursework has been completed.

The comprehensive examination is administered once each year, in January of the spring semester. The examination date will be published in the previous fall semester. A student who wishes to take the comprehensive examination must submit an "Application for Comprehensive Doctoral Examination in Educational Leadership" by the date specified. Further details regarding the comprehensive examination will be made available to doctoral students prior to the exam.

Dissertation Proposal
The dissertation proposal is a required component of the doctoral program, and must be approved for a student to become a doctoral candidate. Specific details regarding the dissertation proposal and required forms can be obtained from the Coordinator of
Doctoral Education.

Doctoral Candidacy
Once students satisfactorily pass coursework, the comprehensive examination and the dissertation proposal hearing, they submit an "Application for Admission to Doctoral Candidacy;" upon approval, they are considered doctoral candidates and may begin dissertation research.

Dissertation
The dissertation is the culminating component of the doctoral program. Only upon successful dissertation defense before a dissertation committee may a student be considered for graduation. All requisite forms and further details are available from the Coordinator of Doctoral Education in the Department of Educational Leadership. Students must complete all degree requirements within seven years.

EDUCATIONAL LEADERSHIP COURSES

EDL 602 — Education Law
The American legal system as it applies to the governance and operation of public education. Major legal doctrines and principles that affect board of education operation, the liability of school districts, fiscal policies, the legal status of teachers and pupils, and the general regulatory codes that school administrators must meet. Scheduled fall semesters. Formerly EDL 554. 3 credits.

EDL 650 — Independent Study and Research
Identification and investigation of a problem in the field of administration-supervision, with faculty advisement. Preparation consisting of time commitment of 115 hours and presentation of a scholarly document summarizing the study or research. Prerequisite: EDL 681 or EDL 682. Scheduled fall, spring and summer semesters. 3 credits.

EDL 657 — School Finance
Theories of public policy-making and decision-making regarding school finance; distribution of State aid; federal education policy, programs and funding; analysis of school budgets as planning documents, instruments of public understanding and mechanisms of management control; the relationship among planning, politics, and management in financing education. Scheduled spring semesters. Formerly EDL 557. 3 credits.

EDL 662 — Increasing Instructional and Supervisory Effectiveness
Instructional improvement to promote learning through development of supervisory skills in recording classroom behaviors, providing feedback, and conducting effective post-observation conferences with teachers. Scheduled summer semesters. Formerly EDL 562. 3 credits.

EDL 664 — Administrative Applications of the Computer
Hands-on introduction to microcomputer software packages used for a variety of administrative applications. Designed for the prospective administrator who has basic knowledge of the computer. Access to a computer out of class is important for practice of skills introduced in class. Available on-line and on-ground. Scheduled summer and winter semesters. Formerly EDL 564. 3 credits.

EDL 666 — Personnel Administration
Examination of personnel functions, including recruitment, selection, orientation, evaluation, motivation, and compensation of school staff; labor relations and the collective bargaining process; skill development in fostering cooperative working
EDL 672 — Secondary School Administration
The goals and objectives of the senior high school; leadership strategies for managing
the school and meeting the needs of students and staff; shared decision-making in
planning, programming and evaluation; community involvement. Scheduled fall,
spring or summer semesters. Formerly EDL 550.  3 credits.

EDL 679 — Managing School Change
This course provides an opportunity to examine embedded beliefs about school
change, develops a deeper understanding of the change process, reflects on theoretical
concepts, and applies new learning to complex school problems. Case studies are used
to assist learners to become reflective learners in developing an intelligent and
professional rationale to govern change efforts. Scheduled fall, spring and summer
semesters. 3 credits.

EDL 680 — Leadership Perspectives
Survey course of the fundamental tenets of leadership theory with a major focus on the
relationship between the leader and other elements of the school organization as
presented from multiple perspectives. Prerequisite: master's degree. 3 credits.

*EDL 681 — Leadership Development
Based on the premise that effective school leaders are “human relations specialists” as
well as task specialists. Development of relationship-building skills; accurate and
empathetic listening, effective confrontation, conflict management and decision-
making/problem solving skills. Prerequisite: master’s degree. Scheduled fall, spring
and summer semesters. 3 credits.

*EDL 682 — Organizational Development
This course provides an opportunity for students to develop their ability to understand
and improve schools as organizations, implement operational plans, manage resources,
and apply decentralized management processes and procedures. Emphasis is placed
on applying organizational theory to problems of practice through case studies,
empirical data collection and simulations with a strong focus on managing school
change. Prerequisite: master’s degree. Scheduled fall, spring and summer semesters.
3 credits.

*EDL 683 — Supervision and Staff Development
An analysis of the goals, functions, and processes of supervision in contemporary
education. Orientation of new teachers, evaluation and improvement of instruction,
staff development, and interpersonal and group relationships. Prerequisites: EDL 680,
EDL 681 and EDL 682. Scheduled fall, spring and summer semesters. 3 credits.

*EDL 684 — Learning Theory into Practice
Principles of learning derived from developmental, behaviorist, and cognitive field
theories; brain functioning, hemisphericity, and teaching/learning styles. Implications
of learning theory for classroom management, improvement of instruction, evaluation
of learning and organization of schools. Prerequisites: EDL 680, 681, 682, 683 and 684.
Scheduled fall, spring and summer semesters. 3 credits.

*EDL 685 — Curriculum Development
Basic principles and practices of instructional leadership in the cycle of curriculum
development and change. Application of knowledge to current and future issues on
the local, state, and national scene. Prerequisites: EDL 680, 681, 682, 683 and 684.
Scheduled fall, spring and summer semesters. 3 credits.
EDL 688 — Internship
The internship is an individual experience in an educational setting under the supervision of an experienced administrator or supervisor and a faculty adviser. Experiences develop the student’s competence in creating change in accordance with the human, conceptual and technical skills learned in prior courses. Prerequisites: departmental approval. Scheduled fall and spring semesters. 3 credits.

EDL 689 — Seminar in Leadership and Supervision
Case study analyses, simulation, and field experiences serve as the basis for seminar discussions and examination of contemporary issues in education. Prerequisite: departmental approval. Scheduled fall, spring and summer semesters. 3 credits.

* Some limited core courses are offered in rotating order during the fall and spring semesters at sites off campus.

EDL 690 — Total Quality Management for School Improvement
A comprehensive framework and method for designing quality programs and managing school improvement efforts. Hands-on opportunities for the application of problem solving methods and quality improvement tools are offered. Each student will develop a school management philosophy as well as a personal approach to school quality standards. Prerequisites: EDL 681 or EDL 682. 3 credits.

EDL 691 — Contemporary Issues in School Law
Practical review of law according to the American Legal System as it is applied to the governance and operations of educational organizations. Recognized academic scholars and legal practitioners will examine historic and contemporary case law that has a significant impact upon the operations, policies, and liability of school organizations. Lessons will be focused upon recent developments in federal and state law, with strategies for preventative law and risk management. Prerequisite: master's degree. Scheduled summer semesters. 3 credits.

DOCTORAL COURSES

EDL 700 — Proseminar in Leadership Dynamics
This course is designed as a series of exercises aimed to provide the participant with feedback on leadership style, adaptability, and effectiveness. Self-reflection, analysis, and professional development planning are central to this course. Students will participate in a myriad of group and paired exercises. Prerequisite: departmental permission required. 6 credits.

EDL 701 — Applications in Leadership and Organizational Development I
This course explores advanced theories in organizational development and ways in which leadership influences organizational change. Participants will draw from organizational and leadership theory and their own experiences in managing and dealing with the dynamics of real organizational dilemmas. Prerequisite: departmental permission and admission to doctoral program in Educational Leadership. Co-requisite: EDL 703 and EDL 704. 3 credits.

EDL 702 — Applications in Leadership and Organizational Development II
This course continues the exploration of advanced theories in organizational development and ways in which leadership influences organizational change. Participants will draw from organizational and leadership theory and their own experiences in managing and dealing with the dynamics of real organizational dilemmas. Prerequisite: departmental permission and admission to doctoral program in Educational Leadership. 3 credits.
EDL 703 — Leading Organizational Change
This course provides an opportunity for students to critically examine the context in which schools exist with a focus on the forces that engender school change. Emphasis is placed on understanding the nature of change in organizations and its relationship to leadership behavior. Co-requisite: EDL 701 and EDL 704. Prerequisite: departmental permission and admission to doctoral program in Educational Leadership. 3 credits.

EDL 704 — Quantitative and Qualitative Methods in Educational Leadership I
This course provides students with quantitative and qualitative tools that have been identified by practicing leaders as best practices. As the first statistics course in the program, this course will position students to apply an array of quantitative and qualitative methodologies in their program. Co-requisite: EDL 701 and EDL 703. Prerequisite: departmental permission and admission to doctoral program in Educational Leadership. 3 credits.

EDL 705 — Applications of Quantitative and Qualitative Methods in Educational Leadership II
The intent of this second statistics and methods course is to bring students to a “performance-ready” level through a variety of applications of the quantitative and qualitative tools learned in EDL 704. This course will weave a series of fifteen "tool applications" classes throughout the remaining leadership and organization courses in the cohort curriculum. Each "tool application" class will be appropriately imbedded into the core leadership courses to effect a natural integration of quantitative and qualitative methods within the leadership process. Prerequisite: EDL 704 and departmental permission. 3 credits.

EDL 706 — Standards Based Systems for Organizational Effectiveness: Analysis and Implementation
This course prepares students to lead organizations to respond to the complex demands of legislated, professional and self-imposed organizational performance standards. The concept of organization effectiveness as a response to these standards is explored. Prerequisites: EDL 701, EDL 702 and departmental permission. 3 credits.

EDL 707 — Leading a Learning Organization
This course presents the conceptual underpinnings regarding building learning organizations. It develops the disciplines needed for on-going assessment of organizational life and develops the skills for creating effective learning organizations. Prerequisites: EDL 701, EDL 702 and departmental permission. 3 credits.

EDL 708 — Leadership for Social Equity
This course involves an in-depth exploration into the identification and analysis of the social and ethical issues impacting the lives of people and on the work of educational leaders in dealing with these issues. Prerequisites: EDL 701, EDL 702 and departmental permission. 3 credits.

EDL 710 — Seminar on Leadership in Organizational Culture
This course involves an in-depth exploration into the concept of organizational culture and organizational climate. The course investigates the impact of leadership style and behaviors on the culture of the organization and the implications for developing and leading an effective organization. Prerequisites: EDL 701, EDL 702 and departmental permission. 3 credits.

EDL 711 — Educational Policy: Context and Inquiry
This course provides the advanced student in Educational Leadership with tools to formulate and analyze education policy. Participants will gain knowledge of theory
EDL 712 — Educational Policy and the Law
This advanced course stresses the interplay of law and policy, legal decision, and educational practice. Participants will gain knowledge of issues related to the implementation of educational policy and related statutory and constitutional laws. Prerequisites: EDL 602 and departmental permission. 3 credits.

EDL 713 — School Reform: Initiatives for Change
This course will prepare advanced students in Educational Leadership to research and evaluate school reform models to support school performance improvement. Students will also learn to build organizational support essential to implementing reform. Prerequisites: 21 credits in Ed.D. program. 3 credits.

EDL 715 — District-Level Instructional Leadership
In this advanced course students examine the instructional leadership role at the district level. Participants will gain in-depth knowledge of contextual issues impacting the superintendency and the implications for achieving high levels of student learning. 3 credits.

EDL 716 — The Politics of School Administration
The effects of federal, state, and local government policy on the operation of the public schools; the use of power and educational leadership; the role of lobbies and special interest groups; policy analysis and educational decision-making. Scheduled spring, fall or summer semesters. 3 credits.

EDL 717 — Administration of School Public Relations
Conceptual understanding and skills in planning, implementing, and evaluating school public relations programs. Emphasis on the communication process and the importance of human relations in developing and carrying out internal and external communication activities. Scheduled summer semesters. 3 credits.

EDL 718 — Educational Planning
Strategic and operational approaches to educational planning. The planning process will be examined in relation to budgeting, school facilities and staff development plans. Additional topics will include initiating and managing organizational change and site based management. Scheduled fall, spring or summer semesters. 3 credits.

EDL 719 — Applied Ethics for Educational Leadership
Identification and analysis of typical ethical problems associated with the workaday practice of school administration. The case study method will be used to foster a sense of inquiry. Prerequisites: EDL 681 or departmental permission. Scheduled fall, spring or summer semesters. 3 credits.

EDL 722 — Research Design and Evaluation I
This course prepares students to design, conduct and evaluate educational, sociological and related research. Participants will grow to understand the importance of the rationale as well as the purpose of a study. Further, individuals will learn how to analyze the research methodology and to determine method appropriateness. Prerequisite: 45 credits in core sequence and area of specialty and departmental permission. 1.5 credits.

EDL 723 — Research Design and Evaluation II
This course continues preparation of students to design, conduct and evaluate educational, sociological and related research. Participants will grow to understand
the importance of the rationale as well as the purpose of a study. Further, individuals will learn how to analyze the research methodology and to determine method appropriateness. Prerequisite: EDL 722, 45 credits in core sequence and area of specialty, and departmental permission. 1.5 credits.

EDL 725 — Using Computers to Facilitate Data-Based Decision Making
This laboratory based course provides students with experience using the Statistical Package for the Social Sciences (SPSS) to analyze data from a variety of educational databases. Students learn to create data files, and navigate through menu driven statistical procedures to analyze data and to make informed decisions about educational and social science issues. Prerequisites: a total of 12 credits earned in the doctoral program including EDL 704. 3 credits.

EDL 730 — Doctoral Inquiry Seminar/Internship and Field Experience I
This course is designed to facilitate the dissertation development process. The seminar is a forum for students to explore with their peers research problem development, theoretical foundations, methodology, and data analysis to launch their dissertation research. Format and procedures for progression in the dissertation process are also discussed. Prerequisites: 30 credits of core sequence, 15 credits in area of specialty, and departmental permission. 3 credits.

EDL 731 — Doctoral Inquiry Seminar/Internship and Field Experience II
This course continues facilitation of the dissertation development process. The seminar is a forum for students to explore with their peers research problem development, theoretical foundations, methodology, and data analysis to launch their dissertation research. Format and procedures for progression in the dissertation process are also discussed. Prerequisites: EDL 730 and departmental permission. 3 credits.

EDL 798 — Evaluation of Educational Programs
Theoretical evaluation models; summative and formative evaluation of programs; evaluation of schools (and other social agencies); performance-based evaluation of teachers and other personnel; accountability. Also listed as RSM 598. 3 credits.

EDL 799 — Doctoral Research and Writing: Dissertation Seminar
This course facilitates the process of writing the dissertation document. The seminar format allows students to present their work and receive concrete feedback from peers and the professor as they collect and analyze data. Prerequisites: a total of 57 credits earned at the 700 level including EDL 730 and EDL 731 as well as advancement to doctoral candidacy. 3 credits.

EDL 800 — Dissertation: Independent Study
This course enables students to conduct in-depth study on a specific, individual topic of interest. It also allows students to receive continuous advisement from faculty while preparing and defending the final dissertation. Prerequisites: 21 credits in EDL earned at the 700 level and departmental permission. 3 credits.

The following courses have been approved but are not scheduled for 2006-2007.
EDL 659 — The Management of Conflict
EDL 671 — Elementary/Middle School Administration
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BLACKMER, CORINNE E., Associate Professor; B.A., M.A., Ph.D., University of California, Los Angeles

CRAWFORD, ILENE, Associate Professor; B.S.S., Cornell College; M.A., State University of New York; Ph.D., University of Wisconsin at Milwaukee

ELLIS, SCOTT, Assistant Professor; B.S., State University of New York; M.A., Radford University; Ph.D., Emory University

FLUHR, NICOLE, M., Assistant Professor; B.A., Wesleyan University; M.A., University of North Carolina at Chapel Hill; Ph.D., University of Michigan

HEIDMANN, MARK, Professor; B.A., Wittenberg University; M.A., Purdue University; M. Div., M.A., M. Phil., Ph.D., Yale University

HOCHMAN, WILL, Associate Professor; B.A., Hobart College; M.F.A., University of Montana; Ph.D., New York University

HOLBROOK, SUE ELLEN, Professor; A.B., M.S., Ph.D., University of California, Los Angeles

JOHNSON, BRIAN C, Associate Professor; B.A., University of California, Berkeley; M.F.A., Brown University

KERR, AUDREY, Associate Professor; B.A., Rutgers; M.A., Ph.D., University of Maryland

LAROCO, STEVEN M., Professor; B.A., University of Massachusetts; M.A., Ph.D., Rice University

MACOMBER, MEGAN, Professor; A.B., Princeton University; M.A., M.F.A., Ph.D., Cornell University

MOCK, JEFF, Associate Professor; B.A., University of Iowa; M.F.A., University of Alabama

NEVEROW, VARA S., Professor; B.A. Nyack College; M.A., Ph.D., New York University

OGBAA, KALU, Professor; B.A., University of Nigeria; M.A., Ohio State University; Ph.D., University of Texas at Austin

PARRISH, TIMOTHY, Director of Creative Writing, Professor; B.S., M.Ed., Louisiana State University; M.F.A., University of Alabama. Tel. (203) 392-6745. E-mail: parrish1@southernct.edu

PETRIE, PAUL R., Associate Professor; B.A., Eastern College; M.A., Ph.D., University of Connecticut

PRITCHARD, DEMIAN, Assistant Professor; B.A., University of California, Berkeley; M.A., Ph.D., University of California, San Diego

RHODES, JAMES F., Professor; B.S., Holy Cross College; M.A., University of Rhode Island; Ph.D., Fordham University
APPLICATION DEADLINE:
English programs have rolling admissions but students are encouraged to apply by May 1 for the fall semester and December 1 for the spring semester.

ADMISSIONS PROCEDURES
Candidates for any graduate degree or certification program in English should make certain that they have all official transcripts and an application form on file with the Graduate Studies Office. They should also contact the English Department graduate coordinator (Telephone: (203) 392-6733) to set up an appointment to plan a program of study.

Note: Although the department has rolling admissions throughout the year, including the summer, candidates are encouraged to apply by May 1 for the fall semester and by December 1 for the spring semester to guarantee admission for that semester. Prospective degree candidates may, however, register as part-time non-matriculated students in graduate courses. Up to nine credits of non-matriculated course work may be applied toward the degree.

Graduate Teaching Assistantships in Composition
The graduate teaching assistantship in English Composition is a year-long award. Applicants must be matriculated graduate students in English and have completed 6 credits or more in graduate English courses with at least a 3.5 average in those classes; all matriculated students in the English Department Graduate Program, including those newly admitted, who have taken fewer than 6 credits may also apply, provided that their GPA in undergraduate English courses is 3.5 or higher. Those who receive the award intern in English composition and are mentored throughout the year by the Director of Composition or a departmental designee. Past teaching assistants have found the assistantship valuable in discovering a call to teach, securing part-time work, preparing for doctoral study, and attaining positions in secondary schools. Two to three awards are given each year. Selection occurs in April for the following year. Application materials are available in the English Department office and at the English Department website (http://www.southernct.edu/departments/english/gta.html). For further information, contact the Graduate Director.

Institutes
An institute is an accelerated, intensive, unconventional course offering such as an overseas course or a course offered during winter session or spring break. Typically, winter session and summer session institutes are less than five weeks in length or are offered on weekends. No student may take more than two institutes (6 credits) toward completion of degree requirements.
MASTER OF ARTS DEGREE IN ENGLISH — 33 CREDITS

The Master of Arts degree in English is designed for students who plan to pursue doctoral studies in English, for those who want to extend their knowledge and appreciation of literature, composition theory, or critical theory, who want to explore their talents as creative writers, or who are interested in a specialization in either African-American or women’s studies. The degree is also appropriate for those who are already certified teachers. Applicants are required to have a reading knowledge of one foreign language. Students may take up to 6 credits in disciplines other than English. Prior permission of the department is required. To be accepted into the Master of Arts program, candidates must:

- meet the general admission requirements of the School of Graduate Studies;
- have completed a minimum of 30 undergraduate credits in English with a grade point average of 3.2 or higher;
- have an overall undergraduate grade point average of 3.0 (note: interested applicants who do not meet these requirements should contact the Graduate Coordinator);
- submit a typed, 500 word statement of purpose explaining why they want to enter the degree program they have selected, a 4 to 5 page writing sample (academic or professional, nonfiction prose), and two recommendations. These materials should be mailed together in a single envelope addressed to the Graduate English Admissions Committee. Transcripts, application forms and application fees should be mailed directly to the School of Graduate Studies, not to the English Department.
- have a reading knowledge of one modern foreign language (this requirement should be met before the student begins the graduate program but must be met before the student enrolls for more than fifteen hours of course work; the requirement can be met by passing two years, or the equivalent, of college-level work in a foreign language; students may demonstrate proficiency by means of a transcript indicating a passing grade in four semesters of college-level foreign language study, by a waiver of equivalency from the Southern Connecticut State University Department of Foreign Languages, or through the College Level Examination Program (CLEP). The submission of GRE or Miller’s Analogy Test results is optional.

Program Overview

Requirement—6 credits
- ENG 517 — Research Methods and Critical Theory
- A course (3 credits) in the history of the English language, or a course in the early literature of the language

Area of Specialization — 9 credits
- Three courses (9 credits) in American literature, British literature, African-American Studies, Composition Theory, Creative Writing, Critical Theory, or Women’s Studies - the area of concentration

Thesis Option — 18 credits
- Thesis proposal and Thesis (6 credits)
- One elective (3 credits) in an area not chosen for concentration
- Free electives (9 credits) in any area of English studies

Comprehensive Option — 18 credits
- Comprehensive Examination
• One elective (3 credits) in an area not chosen for concentration
• Free electives (15 credits) in any area of English studies

MASTER OF SCIENCE DEGREE IN ENGLISH—33 CREDITS
The Master of Science degree, with its specialization in English, is designed for students who wish the option to supplement work in American or British literature, African-American studies, composition theory, critical theory, creative writing or women’s studies with electives in related fields. Such an option permits a student, through departmental advisement, to approach the humanities with the enthusiasm of a generalist or to develop specific skills with the focus of a specialist. This degree also assists students in meeting admission requirements for Ph.D. programs in English studies even if the candidates did not major in English as undergraduates. However, the master of arts degree is the strongly preferred prerequisite for Ph.D. candidates.

This degree is particularly appropriate for in-service teachers, allowing scholarly pursuits in English studies and giving them an opportunity to explore a related professional field or to develop a skill that would aid them in their teaching. The coursework in the related field (9 credits) is intended to enhance professional skills or provide an interdisciplinary component to the degree. Options include coursework in such fields as English as a Second Language, history, psychology, reading, sociology, and interdisciplinary women’s studies. To be accepted into the Master of Science program, candidates must:

• meet the general admission requirements of the School of Graduate Studies;
• have completed a minimum of 24 undergraduate credits in English with a grade point average of 3.2 or higher;
• have an overall undergraduate grade point average of 3.0 (note: interested applicants who do not meet these requirements should contact the Graduate Coordinator);
• submit a typed, 500 word statement of purpose explaining why they want to enter the degree program they have selected, a 4 to 5 page writing sample (academic or professional, non-fiction prose), and two recommendations. These materials should be mailed together in a single envelope addressed to the Graduate English Admissions Committee. Transcripts, application forms and application fees should be mailed directly to the School of Graduate Studies, not to the English Department.

The submission of GRE or Miller's Analogy Test results is optional.

Program Overview
Requirement—6 credits
• ENG 517 — Research Methods and Critical Theory
• A course (3 credits) in the history of the English language, or a course in the early literature of the language

Cognate Electives — 9 credits
• Electives (9 credits) in a related or applied area (or in English studies)

Thesis Option — 18 credits
• Thesis proposal and Thesis (6 credits)
• Four electives (12 credits) in any area of English studies

Comprehensive Option — 18 credits
• Comprehensive Examination
• Six electives (18 credits) in any area of English studies

MASTER OF SCIENCE AND CERTIFICATION IN SECONDARY ENGLISH — 55.5 CREDITS

The program leading to the Master of Science degree and Certification in Secondary English is designed for students who wish to earn both a master’s degree and certification to teach English in Grades 7-12. To be accepted into the Master of Science with certification program, candidates must:

• meet the general admission requirements of the School of Graduate Studies;
• have completed a minimum of 24 undergraduate credits in English with a grade point average of 3.2 or higher;
• have an overall undergraduate grade point average of 3.0 (note: interested applicants who do not meet these requirements should contact the Secondary Education Coordinator);
• submit a statement of purpose explaining why they want to enter the degree program they have selected, a 4 to 5 page writing sample (academic or professional, non-fiction prose), and two recommendations. These materials should be mailed together in a single envelope addressed to the Graduate English Admissions Committee. Transcripts, application forms and application fees should be mailed directly to the School of Graduate Studies, not to the English Department. The submission of GRE or Miller's Analogy Test results is optional.

Applicants must have completed two courses in American literature and two courses in British literature. No more than six of the twenty four credits may be in writing courses, including freshman composition. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.

For all candidates for the Master of Science degree and Certification in Secondary English, the comprehensive examination consists of a project generally associated with EDU 490 or EDU 497/498.

Program Requirements — 39 credits
ENG 504 — The Teaching of Writing
ENG 510 — History of the English Language
ENG 505 — Applied English Linguistics
EDU 490 — English in the Secondary School
EDU 452 — Secondary School Student Teaching — 8 credits
EDU 453 — Student Teaching Seminar — 1 credit
RDG 565 — Reading Development in the Secondary School
PSY 370 — Educational Psychology
SED 482 — Teaching Exceptional Students in Secondary Education Classrooms
SHE 203 — School Health
EDU 497 or 498, choose one
EDF 520-523, choose one
IDS 471 — English Language Learners in the Classroom
Additional requirements for the Master's Degree — 15 credits
ENG 517 — Research Methods and Critical Theory — 3 credits

Twelve elective credits in English studies (students are encouraged to take literature courses as their electives and to consult with the Director of Secondary Education in selecting these courses).

ENGLISH TEACHER CERTIFICATION — 40.5 CREDITS
This program is designed for students seeking certification to teach English in the secondary school. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching. To be accepted into the certification program, candidates must:
• meet the general admission requirements of the School of Graduate Studies;
• have completed a minimum of 24 undergraduate credits in English with a grade point average of 3.2 or higher;
• have an overall undergraduate grade point average of 3.0 (note: interested applicants who do not meet these requirements should contact the Secondary Education Coordinator);
• submit a statement of purpose explaining why they want to enter the degree program they have selected, a writing sample, and two recommendations. These materials should be mailed together in a single envelope addressed to the Graduate English Admissions Committee. Transcripts, application forms and application fees should be mailed directly to the School of Graduate Studies, not to the English Department.

The submission of GRE or Miller's Analogy Test results is optional.

Applicants must have completed two courses in American literature and two courses in British literature. No more than six of the twenty four credits may be in writing courses, including freshman composition. Refer to the section entitled "Admission to Teacher Certification Programs" in the beginning of this catalog under "Application and Admission" for additional information regarding acceptance to a certification program, Praxis examinations, and student teaching.

The candidates are expected to take the following courses unless they have completed the requirement earlier:
IDS 471 — English Language Learners in the Classroom — 1.5 credits
EDU 490 — English in the Secondary School
EDU 452 — Secondary School Student Teaching — 8 credits
EDU 453 — Student Teaching Seminar — 1 credit
PSY 370 — Educational Psychology
EDF 520-523, choose one
SED 482 — Teaching Exceptional Students in Secondary Education Classrooms
SHE 203 — School Health

One course in each of the following areas: advanced composition, History of the English Language, English grammar systems, young adult literature, and reading in the secondary school. Students should consult with the Director of Secondary Education when selecting these courses.
ENGLISH COURSES

ENG 502 — Prose Fiction Writing I
The craft and art of creating plot, character, scene, conflict, and style. Prerequisite: ENG 406 or departmental permission. Always scheduled. 3 credits.

ENG 503 — Prose Fiction Writing II
Further practice in the craft and art of creating plot, character, scene, conflict, and style. Prerequisite: ENG 502 or departmental permission. This course may be repeated for credit. Always scheduled. 3 credits.

ENG 504 — The Teaching of Writing
Primarily for teachers in the junior high and the senior high school; explores one or more methods of teaching writing. This is not a course in teaching remedial writing. Scheduled fall and summer semesters. 3 credits.

ENG 505 — Applied English Linguistics
The structure and idiom of American English, levels of usage, phonetics, old and new concepts of language, and other related developments. Scheduled fall and summer semesters. 3 credits.

ENG 506 — The Writing of Poetry I
The craft and art of writing poetry. Prerequisite: ENG 402 or departmental permission. Always scheduled. 3 credits.

ENG 507 — The Writing of Poetry II
Further practice in the craft and art of writing poetry. Prerequisite: ENG 506 or departmental permission. This course may be repeated for credit. Always scheduled. 3 credits.

ENG 508 — Contemporary Critical Theory
Critical theory of the 20th century in the context of current theoretical developments. Critical perspectives and schools may include: Structuralism, formalism, Marxism, New Historicism, feminism, African American theoretical thought, post-colonial theory, Deconstruction, and psychoanalysis as well as other theoretical positions. Students will have an opportunity to apply specific theoretical practices to literary texts. Scheduled fall semesters of even years. 3 credits.

ENG 509 — Contemporary Poetic Theory
Intensive study of contemporary poetic theory with an emphasis on its development in twentieth-century American poetry. Prerequisite: 6 credits in literature. Scheduled irregularly. 3 credits.

ENG 510 — History of the English Language
The forces that have helped shape the character of the English language. Scheduled every spring semester. 3 credits.

ENG 511 — Love and the Body in Medieval Consciousness
A study of western conceptions of love and the body from their origins as *topoi* in the ancient and biblical worlds to their apotheosis in the high Middle Ages. Study includes Plato, Dante, Porete, Boccaccio, Gottfried. Scheduled irregularly. 3 credits.

ENG 514 — English Medieval Literature
Readings in Middle English including the more remarkable achievements in English verse and prose between 1050 and 1500, their forms, themes, and language. Scheduled every third spring semester. 3 credits.

ENG 515 — Writing the Novel I
Practice and instruction in developing characters, conflict, plot, and theme in a long fictional work. Prerequisite: departmental permission. Scheduled irregularly. 3 credits.

ENG 516 — Writing the Novel II
Further practice and instruction in novel writing. Prerequisite: ENG 515 or department permission. This course may be repeated for credit. Scheduled irregularly. 3 credits.

ENG 517 — Research Methods and Critical Theory
Specialized literary research techniques and foundational theoretical and critical approaches to literary texts. Required course for M.A., M.S. and M.S. with certification. Scheduled every spring semester. 3 credits.

ENG 517 — Philosophy of Composition
An introduction to the field of knowledge within English studies known as college composition, including its history and structure, theoretical issues and applications, directions in research, and instructional paradigms. Scheduled irregularly. 3 credits.

ENG 519 — Teaching College Writing
An examination of pedagogical theory and theories of teaching college writing in order to prepare students to conceptualize, develop, and teach first-year composition courses. Required for first semester Graduate Teaching Assistants; Graduate Assistants will take the course concurrently with ENG 597. 3 credits.

ENG 521 — Feminist Theory and Literary Criticism
Inquiry into the fundamental problems of feminist thought and the interrelationship of feminist theory, critical theory, and literary criticism. Scheduled irregularly. 3 credits.

ENG 522 — Wright, Ellison, and Baldwin
A study of the works of Wright, Ellison, and Baldwin. This course will conduct an inquiry into the nature of race relations in contemporary American society. Scheduled spring semesters. 3 credits.

ENG 523 — Contemporary African - American Literature
A study of recent African-American novelists such as Morrison, Naylor, Johnson, and Wideman, with particular emphasis on emerging writers. Scheduled fall semesters of even years. 3 credits.

ENG 524 — The Harlem Renaissance
A study of the works of the major poets and novelists of the period covering 1910-1930, including Toomer, Johnson, Thurman, McKay, Fauset, Larsen, and Hughes. Scheduled fall semesters of odd years. 3 credits.

ENG 525 — 17th Century Poetry
The major poetry of the seventeenth century (excluding that of Shakespeare and Milton) in its various manifestations — baroque, metaphysical, Cavalier, and mystical. Scheduled irregularly. 3 credits.

ENG 529 — African American Rhetorical Theory
An examination of African American rhetoric, with an emphasis on its contributions to movements for social change and historical constructions of racial categories in the United States. Scheduled irregularly. 3 credits.

ENG 531 — Feminist Rhetorical Theory
An inquiry into feminist rhetoric within its different historical, social, economic, political, and material contexts and its impact on social change. Scheduled irregularly. 3 credits.
ENG 536 — Early Victorians: 1837-1870
Readings of major writers, other than novelists: Tennyson, Browning, Arnold, Carlyle, Newman, Ruskin. Scheduled fall semesters of odd years. 3 credits.

ENG 537 — Later Victorians: 1870-1914
Selected works by such writers as Swinburne, Hopkins, the Rossettis, Hardy, Mew, Mill, Morris, Pater, Nightingale, Shaw, and Wilde. Scheduled spring semesters of even years. 3 credits.

ENG 538 — Victorian Novel
A study of the fiction of such writers as Dickens, Eliot, Gaskell, and Hardy with critical analyses of their style, structure, literary form, and sociopolitical contexts. Scheduled spring semesters of odd years. 3 credits.

ENG 542 — Shakespeare
Representative plays by William Shakespeare: histories, comedies, and tragedies. This course assumes previous undergraduate study of Shakespeare. Scheduled spring semesters of odd years. 3 credits.

ENG 552 — English Renaissance
An intensive study of the poetry, prose, and drama of the Elizabethan and Tudor periods, exclusive of Shakespeare. Focus on Spenser, Marlowe, Johnson, and Sidney. Scheduled every fifth semester beginning Fall 2003. 3 credits.

ENG 555 — The 18th Century: Age of Satire
A study of significant poetry and prose of the ages of Pope and Johnson, including such authors as Pope, Swift, Addison, Steele, Gay, Gray, Goldsmith, Boswell and Johnson. Scheduled irregularly. 3 credits.

ENG 557 — Romantic Period
Romanticism as expressed in English prose and poetry during the early years of the nineteenth century. Scheduled spring semesters of odd years. 3 credits.

ENG 559 — 20th Century English Literature
This survey of non-dramatic English literature since 1900 considers works of representative authors, as well as significant literary trends and intellectual developments. Scheduled irregularly. 3 credits.

ENG 562 — The American Novel Before 1850
The emergence of the American novel, with representative works of James Fenimore Cooper and his contemporaries. Scheduled irregularly. 3 credits.

ENG 564 — Poe, Hawthorne, and Melville
The “power of blackness” in these writers of the American Renaissance, examined against a background of the ideas and the general culture of their day. Scheduled every third spring semester. 3 credits.

ENG 565 — Emerson, Thoreau, and Whitman
The impact of transcendentalism on these writers of the American Renaissance in the context of their intellectual and cultural milieu. Scheduled every third spring semester. 3 credits.

ENG 566 — 20th Century American Poets
Such poets as Robinson, Frost, Stevens, Williams, Lowell, and Plath among others. Scheduled every third spring semester beginning 2006. 3 credits.

ENG 567 — Mark Twain, Howells, and James
An intensive study of these writers in American realism, examined against a background of the ideas and general culture of their day. Scheduled irregularly. 3 credits.

ENG 568 — American Novel: 1900-1945
Representative writers, such as Dreiser, Fitzgerald, Cather, Wharton, Hurston, Hemingway, Dos Passos, Steinbeck, and Faulkner, in their sociohistorical context. Scheduled fall semesters of even years. 3 credits.

ENG 569 — American Novel Since 1945
Examination of major themes and authors in post-World War II fiction. Scheduled irregularly. 3 credits.

ENG 580 — Chaucer
An in-depth critical study of Chaucer’s major works, Chaucer’s language, and his relation to continental literary tradition. Scheduled fall semesters. 3 credits.

ENG 581 — Medieval Women and Literature
Consideration of texts composed by and/or for women and images of women in such texts. Typical figures include Marie de France, Heloise, Dame Julian, Margery Kempe, and Christine de Pizan. Scheduled every third spring semester. 3 credits.

ENG 583 — Arthurian Legend
Examination of the development of Arthurian legend during the medieval period, including mythological dimensions, historical contexts, literary forms, such as romance, and recurrent motifs, such as the quest for the Grail. Scheduled every third spring semester beginning spring 2006. 3 credits.

ENG 584 — Milton
A study of the literary, philosophical, religious, and poetic depth of Milton’s work, with particular emphasis on *Paradise Lost*, *Samson Agonistes*, and *Paradise Regained*. Scheduled every third semester beginning 2004. 3 credits.

ENG 585 — Special Topics in Composition/Rhetoric
Focus on subjects important to history, research, and/or practice of composition/rhetorical theory. Depending on semester, typical topics include writing-across-the-curriculum, gender issues, rhetorical traditions, and links among language, thought, and culture. Scheduled fall semesters. 3 credits.

ENG 586 — Seminar in American Literature
Intensive study of a major writer or selected topic, with choice changing each semester. Students may take multiple offerings of ENG 586 courses if the topics differ. Typical topics include: Melville, American Women Dramatists, Biblical Traditions in American Literature. 3 credits.

ENG 587 — Seminar in British Literature
Intensive study of a major writer or selected topic, with choice changing each semester. Students may take multiple offerings of ENG 587 courses if the topics differ. Typical topics include: Virginia Woolf and Bloomsbury, James Joyce. 3 credits.

ENG 588 — Seminar in Comparative Literature
Intensive study of a major writer or selected topic, with choice changing each semester.
Students may take multiple offerings of ENG 588 courses if the topics differ. Typical topics include: African Novelists, Contemporary Drama, Epic in England, Detective Fiction, Feminist Utopias, Modern Drama—Ibsen to O'Neill, Norse and Celtic Mythology, Psychoanalysis and Feminism, and Women's Autobiography. 3 credits.

**ENG 590 — English Thesis**
Research and writing of the thesis in the area of concentration, under the direction of an English department faculty member. For specific details, consult the chairperson or graduate coordinator of the department. Prerequisite: departmental permission. 3 or 6 credits.

**ENG 597 — Graduate Internship in Teaching Writing**
Teaching internship in an English Department introductory-level writing course under the supervision of a faculty mentor; for graduate students with particular interests and strengths in teaching writing. Required for first-semester Graduate Teaching Assistants who will enroll concurrently in ENG 519. 3 credits.

**ENG 600 — Independent Study and Research**
Study of an area of English studies under the direction of a faculty member of the department and with the consent of the chairperson of the department. Students should remember that they may study such important but difficult to schedule fields as literature of the Anglo-Saxons and Beowulf under independent study. Prerequisite: departmental permission. 3-6 credits.

The following courses have been approved but are not scheduled for 2006 - 2007.

ENG 512 — Literature of the Anglo-Saxons
ENG 540 — Classical Drama
ENG 548 — Modern and Contemporary Drama
ENG 560 — 20th Century American Drama
ENG 570 — The Epic
ENG 572 — The Short Story
ENG 571 — Myth and the Contemporary Hero
ENG 576 — Comparative Study of the 19th Century Novel
ENG 578 — Comparative Study of the 20th Century Novel
ENG 579 — Comparative Studies of the Essay
ENVIRONMENTAL EDUCATION/SCIENCE EDUCATION

CUSATO, SUSAN H., Chairperson, Associate Professor; B.A., M.S., Southern Connecticut State University; Ph.D., University of Connecticut. Tel. (203) 392-6610. E-mail: hagemans1@southernct.edu

BRESLIN, VINCENT T., Associate Professor; B.S., University of New England; M.S., State University of New York at Stony Brook; Ph.D., Florida Institute of Technology. Tel. (203) 392-6602. E-mail: breslinv1@southernct.edu

GRAVES, SCOTT M., Assistant Professor; B.S., University of California, Santa Cruz; M.S., University of Rhode Island School of Oceanography; Ph.D., University of Idaho. Tel. (203) 392-6604. E-mail: gravess1@southernct.edu

TAIT, JAMES F., Associate Professor; B.S., A.B., M.S., Ph.D., University of California, Santa Cruz. Tel. (203) 392-5838. E-mail: taitj1@southernct.edu

APPLICATION DEADLINE:
Rolling admissions

Environmental Education
The Master of Science Degree in Environmental Education is useful preparation for educators and others whose interests and/or responsibilities involve improving the environment. It is open to graduate students regardless of their undergraduate academic majors. An emphasis on practicality and application of theory reflects a focus on bringing about environmental change through educational processes. The objective of the program is to prepare well informed people who are dedicated to improving environmental conditions.

The typical program is composed of thirty-six credits of coursework selected by the student in consultation with his or her graduate adviser from the environmental education offerings and includes a special project. Cognate courses from other areas may be included when the planned program is developed. There are no required courses other than those associated with the degree path taken.

Environmental Education Courses
EVE 531 — Group Dynamics and Environmental Problem Solving
EVE 532 — Ecosystems and Environmental Concerns
EVE 533 — Economics of Environmental Concerns
EVE 534 — Reading and Research in Environmental Concerns
EVE 535 — Environmental Teaching Methods
EVE 536 — Environmental Education Workshop — A Field Course
EVE 537 — Analytic Techniques and Instrumentation
EVE 538 — Aesthetics and Art in the Environment
EVE 539 — Political and Legal Aspects of Environmental Concerns
EVE 540 — Environmental Design
EVE 545 — Curriculum Materials in Environmental Teaching
EVE 546 — Environmental Education Curriculum Writing Workshop
EVE 550 — Environment and Belief: An Interplay of Systems
EVE 551 — Environmental Action Research: A Field Study (4 credits)
EVE 552 — Long Island Sound: Environmental Perspectives
EVE 559 — Energy Use and Global Climate Change
EVE 599 — Field Study in Environmental Education
EVE 600 — Independent Study in Environmental Education

M.S. in Environmental Education
This program is designed for certified teachers or others with a strong interest in environmental issues and education. Courses are designed to enhance students’ understanding of environmental sciences, policy development, belief systems, and environmental teaching methods.

M.S. in Science Education
The program in science education is designed for certified science teachers or those students interested in obtaining certification in secondary science. Candidates choose an area of concentration from within the sciences (biology, chemistry, physics or earth science). A minimum of 15 credits within the sciences must be completed. The balance of the program provides preparation in science education including the history and philosophy of science, the use of technology in the secondary classroom, science curriculum and an integrated science project.

This program has been designed to address the National Science Standards for Professional Development in science education. To complete the capstone requirement, students will be able to choose between a master's thesis or special project in an area of science or science education.

Sixth Year Certificate Program — Institute for Science Instruction and Study (ISIS)
The Institute for the Study and Instruction of Science is offered as a sixth year program for secondary teachers of the sciences. Founded on a seminar and laboratory model, ISIS provides science teachers extensive interactions with practicing scientists. Current science in physics, biology, medicine, chemistry and other related areas is studied in depth over a two year continuum. Students are admitted by classes every two years and are to be recommended by their school superintendent. Outstanding scientists, including Nobel Laureates, meet at length with the participants both at SCSU and on site. Each student spends several weeks in a mentor-scientist study at the scientist’s laboratory.

Enrollment is for a 30-credit program, which must be taken sequentially and completed within the two year period.

ENVIRONMENTAL EDUCATION COURSES
EVE 531 — Group Dynamics and Environmental Problem Solving
Individual and group processes and the translation of group process into effective environmental action. 3 credits.

EVE 532 — Ecosystems and Environmental Concerns
Factors operating in the ecosystem, types of ecosystems, problems and possible solutions related to the ecosystems. Field observations. For non-biology majors with a working knowledge of ecology. 3 credits.

EVE 533 — Economics of Environmental Concerns
Nature and causes of the contemporary environmental crises pollution of air, land, and water. Economic concepts and principles involved in environmental issues. For teachers interested in environmental education. 3 credits.
EVE 534 — Readings and Research in Environmental Concerns
Research problems in environmental education. Literature of the field. Techniques of analyzing and evaluating information. 3 credits.

EVE 535 — Environmental Teaching Methods
Teaching techniques and curriculum development for environmentally-oriented subjects in grades K-12. 3 credits.

EVE 536 — Environmental Education Workshops — A Field Course
A practical learning experience in the out-of-doors, aimed at understanding environmental processes. Course is conducted on a canoe trip on the Farmington and Connecticut Rivers. 3 credits.

EVE 537 — Analytic Techniques and Instrumentation
Laboratory and field techniques useful in studying environmental conditions and analyzing environmental situations. 6 credits.

EVE 538 — Aesthetics and Art in the Environment
Use of technologic, aesthetic, and artistic expressions. Aesthetic awareness, city planning and its aesthetics, leisure time activities in the environment, schools as environments, advertising values and environmental aesthetics, art technology and environmental impact. 3 credits.

EVE 539 — Political and Legal Aspects of Environmental Concerns
Legal and political influences of environmental legislation, the development of relevant legal doctrines, the role in the political process of selected governmental agencies charged with enforcing legislation, and the role of informal citizen groups. 3 credits.

EVE 540 — Environmental Design
Classroom and field study of the relationships and forces underlying the physical environment. 3 credits.

EVE 545 — Curriculum Materials in Environmental Education
Multi-media approaches, individualized instruction, simulation gaming, lecture, field experiences, computer based instruction, and computer managed environmental education instruction. Prerequisite: a course in teaching methods. Co-requisite: EVE 546. 3 credits.

EVE 546 — Environmental Education Curriculum Writing Workshop
Environmental Education instructional formats in procedures for designing, producing, implanting, and evaluating environmental education materials. Co-requisite: EVE 545. 3 credits.

EVE 550 — Environment and Belief: An Interplay of Systems
The relationship between individual/societal systems of belief and the resultant attitudes toward, and effect on, the environment. 3 credits.

EVE 552 — Sustainable Use of Marine and Coastal Ecosystems
Examination of the environmental history and use of Long Island Sound with emphasis on natural habitats, economic uses and human impacts. 3 credits.

EVE 559 — Energy Use and Global Climate Change
Examination of the scientific, social, economic and political aspects of global climate change due to energy production using fossil-fuels. 3 credits.
EVE 599 — Field Studies in Environmental Education
Prerequisite: departmental permission. 3 credits.

EVE 600 — Directed Independent Study in Environmental Education
Working with an adviser, students pursue projects that have grown from their work in any of the environmental education courses. Prerequisite: departmental permission. 3 credits.

SCIENCE EDUCATION

SCE 500 — History of Science
The evolution and development of science during the past 300 years traces both the events and the philosophic issues in its history. Past and present paradigms of scientific thinking are analyzed with focus on transitional patterns and implications for changing perception structures. Participants learn the language of scientific thought in the evolving holistic context, identify personal patterns of learning continuity, and study the properties of the new science. The works of Thomas Kuhn, Derek Price, Arne Naess, Fritjof Capra and Gary Zukav are foundational. 3 credits.

SCE 517 — Developments in Science Education
An investigation of outstanding science learning program designs, course syllabi, philosophic positions, textbooks, research publications, and collateral reading is made to determine the directions appropriate for learning science in process as well as in concepts and governing principles. Also listed as EDU 517. 3 credits.

SCE 520 — Conceptual Approaches to Learning Science in the Elementary School
An examination of frameworks in which science is learned is focused on conceptual schemes and in-context designs. The Piagetian model in a variety of forms, the Gagne Science — a Process Approach, from the American Association of the Advancement of Science Project, and the Freudenthal Institute's in context focus are characteristic of the direction taken toward understanding conceptual approaches. The study of both physical and non-physical reality models in science are included. Both adult and children's literature will serve as points of departure for investigation of specific concepts. Selected works of various authors' internal frameworks and the origins of their themes will be explored. 3 credits.

SCE 521 — Science Curriculum: Elementary School
Creating learning and self-instructional experiences as techniques for gaining science understanding is accomplished within a focused curricular model. Developing strategies for helping others learn science is promoted through small projects for individual and group learning. 3 credits.

SCE 543 — Energizing the Teaching of Science and Math
The development and promotion of intensive schemes and techniques for use in science learning environments are shown to energize learning. Modalities for successful learning in math and science are explored and participants create personal schemes for understanding and using apparently dissonant phenomena. Also listed as EDU 543. 3 credits.

SCE 570 — History and Dimensions of Scientific Thought
A course presenting the history and evolution of scientific thought and practice. Discusses the context in which scientific beliefs and paradigms are held. Will include significant advancements in science, as well as presenting trends, modes of thought and development of ethics. Prerequisites: 18 credits of university level science or departmental permission. 3 credits.

SCE 572 — Recent Developments in Science Education
A comprehensive study of reform programs and initiatives as they relate to science education. Examines designing learning environments, identification of effective methodologies, implementation of assessment techniques and curriculum development. Includes a discussion of state and national standards in science education. 3 credits.

SCE 573 — Multimedia Technology in the Science Classroom
This course focuses on student competencies in digital sound and image productions, and their manipulation for classroom teaching and learning. Interactive curriculum materials, such as WebQuests, will be developed as well as Webpage and Webauthoring (e.g. HTML) portfolios. Issues of electronic copyright standards, computer ethics, multimedia selection and evaluation, and management are discussed. Prerequisites: CSC 301 or CSC 501 or departmental permission. 3 credits.

SCE 574 — Special Project in Science Education
This individualized special project would provide an opportunity for students to have an extended experience working in a mentorship, research experience in an area of science or science education. Potential mentors will come from industry, governmental agencies and universities (including SCSU). In consultation with a faculty advisor, students will develop objectives and assessment methodologies. This intensive, self-directed project culminates with a scientific research project or a comprehensive study in science education. Prerequisite: departmental permission. 6 credits.

SCE 575 — Integrated Science Experience
Students will be actively involved in a collaborative research project that integrates the various scientific disciplines. Working together, students will develop a research topic, identify the materials and methods required and investigate a research question. Prerequisite: departmental permission. 3 credits.

SCE 598 — Mentorships and Internships in Science Learning
In cooperation with faculty, students will plan and complete mentorships and internships in settings which promote learning science in context. 3 credits.

SCE 599 — Field Study in Science Learning
Students will create primary experiences in field studies in such venues as museums, laboratories, conservancies and settings appropriate for independent study. 3 credits.

SCE 600 — Directed Independent Study and Research
Identification and investigation of a problem in the field of learning will result in the preparation and presentation of a scholarly document summarizing the study or research. The study is evolved cooperatively with faculty on an individual basis. Prerequisite: departmental permission. 3 credits.

SCE 601 — Cognitive Structures in Science Education
A consideration of how learning in general and science learning in particular occurs. Requires students to review, apply, and synthesize the work of such theorists as Piaget, Montessori and Bruner using the case study method. Emphasis will be on post-Cartesian, integrated and holistic approaches to learning science. 3 credits.

SCE 602 — Research and Readings in Science Education
The history and future of science is considered historically through the work of Bacon, Descartes, Einstein, Rutherford and Bohr to the more recent and futuristic work of Capra, Zukov, Berman and Kuhn. 3 credits.

SCE 603 — Science Supervision and Guided Self Analysis
Under the supervision of the faculty, students develop and implement specific science
learning activities, evaluate them using a variety of instruments and analyze the results of both learning and knowing science content and thinking processes. 3 credits.

The following courses have been approved but are not scheduled for 2006 - 2007.

EVE 551 — Environmental Action Research: A Field Study
IDS 546 — Environmental Studies Institute
IDS 560 — Environmental Issues and Strategies
EXERCISE SCIENCE

MARTENS, DAVID W., Chairperson, Professor; B.S., M.S., Southern Connecticut State University; Ph.D., University of Connecticut. Tel. (203) 392-6094. E-mail: martensd1@southernct.edu

AXTELL, ROBERT S., Graduate Coordinator, Professor; B.S., Springfield College, M.S., Indiana University; Ph.D., The Ohio State University. Tel. (203) 392-6037. E-mail: axtellr1@southernct.edu

FINN, JOAN A., Professor; B.S., Ithaca College; M.S., D.P.E., Springfield College

KEMLER, DAVID S., Associate Professor; B.A., University of Connecticut; M.S., Southern Connecticut State University; Ph.D., Florida State University

MISASI, SHARON P., Professor; B.S., Southern Connecticut State University; M.S., Indiana State University; Ph.D., University of Connecticut

MORIN, GARY E., Professor; B.S., Slippery Rock University; M.S., University of Massachusetts; Ph.D., University of Connecticut

RINEHARDT, KARL F., Professor; B.S., University of New Mexico; M.A., Ph.D., The Ohio State University

YANG, JINJIN, Associate Professor; B.A., M.Ed., Beijing Institute of Physical Education, China; M.A., Ph.D., The Ohio State University

APPLICATION DEADLINE:
April 1 for Fall
November 1 for Spring

ADMISSION REQUIREMENTS FOR THE M.S. DEGREE PROGRAM
• undergraduate quality point ratio of 3.0 or higher
• two letters of recommendation (should be mailed directly to the Exercise Science Department)
• Graduate Record Examination — acceptable scores will be determined by the Exercise Science Department.

MASTER OF SCIENCE DEGREE
The graduate program in exercise science serves students who have excelled in their undergraduate work and show an aptitude for advanced study which will further prepare them for their professional careers.

The degree options and the areas of specialization allow flexibility to meet the various needs of the applicant.

HUMAN PERFORMANCE
This concentration is designed to afford the student opportunity for advanced study in the exercise sciences which include: exercise physiology, sport psychology, biomechanics and motor learning. Graduates are prepared to accept leadership roles under the fitness umbrella known as sports medicine. The research/teaching laboratory is equipped to assess cardio-pulmonary fitness, body composition, muscle/joint strength and stability, resting and exercise metabolism, sport psychological assessment, body mechanics and biomechanical analysis. Thirty credits of course work are offered on an annual, rotating basis.
SPORT PSYCHOLOGY
The sport psychology concentration is designed to offer the student in-depth study in the areas of health psychology, performance enhancement and intervention. This interdisciplinary approach presents 33 credits of coursework from the following departments: Exercise Science, Counseling & School Psychology, and Psychology.

Master's Thesis
Thesis Seminar — 3 credits
Thesis Completion — 3 credits

Comprehensive Exam
In lieu of the thesis, the student must pass a comprehensive examination.

CERTIFICATION
The Certification Program is designed for non-majors who wish to pursue teacher certification in physical education or school health. The program includes undergraduate courses which are required to meet state certification requirements. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.

EXERCISE SCIENCE COURSES
EXS 552 — Biomechanics
Human performance analysis using Peak Performance Technologies motion analysis system. Prerequisite: undergraduate kinesiology or departmental permission. Scheduled every three semesters. 3 credits.

EXS 553 — Psychology of Sport
Recognition, study and understanding of the behavior of individuals involved in performance. Emotional arousal, aggression, motivation, personality and behavior modification will be addressed regarding groups and individuals of varying ages. Scheduled spring of even numbered years. 3 credits.

EXS 554 — Research Techniques
Selection and formulation of problems, research design and analysis of data, basic statistics. An individual research project is required. Scheduled fall semesters. 3 credits.

EXS 558 — Physiology of Exercise
Exercise affects on human physiological systems. Prerequisite: anatomy and physiology courses. Scheduled fall semesters. 3 credits.

EXS 565 — Physiological Basis and Application Principles of Designing Resistance Training Programs
The study of physiological mechanisms of the human body's adaptation to resistance training. Application of scientific findings to the design of safe, effective and efficient training programs for individuals will be emphasized. Prerequisites: EXS 558 and 552. 3 credits.

EXS 568 — Motor Learning
The application of various learning theories, psychological and physiological, to the acquisition of motor skills. Scheduled every three semesters. 3 credits.
EXS 571 — Methods and Procedures of Physical Fitness Testing
Lectures and laboratory sessions on the evaluation of body composition, aerobic fitness, isokinetic strength and flexibility. Scheduled spring semesters of even numbered years. 3 credits.

EXS 572 — Adaptations to Endurance Training
Physiological, kinesiological and psychological adaptations that occur from training. Scheduled spring semesters. 3 credits.

EXS 573 — Sports Medicine
Physiologic and medical aspects of exercise. The interdisciplinary approach to fitness training, sports injuries, and rehabilitation. Scheduled fall semesters. 3 credits.

EXS 574 — Adult Fitness and Cardiac Rehabilitation
The development of Adult Fitness and Cardiac Rehabilitation Programs. Exercise testing, exercise prescription, program content, and fitness assessment and reassessment. Scheduled spring semesters. 3 credits.

EXS 576 — Heart Physiology
EKG interpretation, conduction, and contractile myocardial properties, coronary blood supply, invasive and noninvasive evaluation procedures, and emergency techniques will be addressed as they relate to sports medicine. Scheduled fall semesters. 3 credits.

EXS 577 — Youth in Sport
An examination of the role of youth in American sport from the perspectives of social, developmental and experimental psychological theory. Scheduled every third semester. 3 credits.

EXS 578 — Exercise Psychology
An examination of why people exercise, the psychological effects of exercise, and stress management aspects of exercise, both immediately and over the long term. Scheduled spring semesters of odd numbered years. 3 credits.

EXS 579 — Sport Psychology Field Practicum I
The supervised field practicum provides opportunities for the student to apply conceptual material to practice situations and to develop professional practice competency. Weekly seminar required. Prerequisites: EXS 553, EXS 578, CSP 569, CSP 550, CSP 555, PSY 554, and PSY 557 and departmental permission. Scheduled each semester. 3 credits.

EXS 583 — Physiology of Exercise II
Advanced investigation of human physiological adaptations in response to exercise/exercise training. Theory of system's function, metabolic control, fatigue, and factors that affect performance will be studied. Scheduled spring semesters. Prerequisite: EXS 558. 3 credits.

EXS 585 — Bionutrition of Exercise and Sport
This course will explore the relationship between physiological function of exercise/sport performance and nutrient utilization during energy production. Prerequisite: EXS 558. Scheduled fall semesters. 3 credits.

EXS 590 — Thesis I: Proposal Development
Development of the thesis proposal including: introduction, review of literature, statement of the problem, hypotheses, procedures, selection of subjects and statistical design. Prerequisite: EXS 554 or departmental permission. Scheduled spring semesters.
3 credits.

**EXS 591 — Thesis II: Thesis Completion**
Completion of thesis including: analysis of data, results, discussion, summary, conclusions and recommendations for future study. Prerequisite: EXS 590. Scheduled each semester. 3 credits.

**EXS 600 — Independent Study**
Identification and investigation of a problem relevant to the field of physical education and the preparation and presentation of a scholarly document summarizing the study or research. Prerequisite: departmental permission. Scheduled each semester. 3 credits.

The following course has been approved but is not scheduled for 2006-2007.

**EXS 570 — Human Fitness, Exercise and Aging**
FOREIGN LANGUAGES

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APPLICATION DEADLINE:
Rolling admissions for Master of Arts and Master of Science degree programs in Foreign Languages
April 1 for fall term and November 1 for spring term for the Master of Science in Bilingual, Multicultural Education/TESOL

MASTER OF ARTS DEGREE IN ROMANCE LANGUAGES
The Department of Foreign Languages offers Master of Arts degrees in French, Spanish, and Romance Languages, which includes Italian. Each program is devoted to the study of foreign literature, culture, and language. The degree fulfills the needs of students who intend to teach in private secondary schools, colleges, or universities, or who are already certified teachers. It is also designed for those who wish to pursue doctoral studies.
Candidates must present an undergraduate major, or a substantial minor, in a foreign language from an accredited institution; the Department may require additional courses of students whose background indicates deficiencies. Students are selected on
the basis of the quality of their undergraduate work.

General Requirements — 30 credits
With the approval of a graduate adviser, students select graduate courses from the Department’s offerings. Research papers are assigned in all courses. Students must maintain an average of B (3.0) or higher and can follow one of the two options listed below.

Comprehensive Examination Option — 30 credits
Upon completion of 30 credit hours of coursework, candidates must pass a comprehensive examination which has written and oral parts and tests both their general knowledge of the language and literature and the specific material covered in the courses they have taken.

Thesis Option — 33 credits
Under the permission of the faculty and the chairperson, students may exercise the thesis option. Students earn 27 credits in coursework and receive 6 credits for completion of the thesis.

MASTER OF SCIENCE AND TEACHER CERTIFICATION IN FOREIGN LANGUAGES
The Department of Foreign Languages offers the Master of Science degree in Foreign Languages with specializations in French, Italian, and Spanish. The Master of Science degree can also meet the needs of in-service teachers and students planning to teach in public secondary schools. Candidates must present an undergraduate major, or a substantial minor, in a foreign language from an accredited institution. The Department may require additional courses of students whose background indicates deficiencies. Students are selected on the basis of the quality of their undergraduate work; those applying for certification must have an undergraduate quality point average of 2.7 or higher. A personal interview is required. (Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching. Students must pass ACTFL OPI and WPT prior to student teaching.) Students also have the option of earning the master’s degree without certification.

General Requirements
With the approval of a graduate adviser, students select graduate courses from the Department’s offerings. Research papers are assigned in all courses. Students must maintain an average of B (3.0) or higher.

Teacher Certification in Foreign Languages
For certification, students must take one course in Educational Foundations (any one from the series EDF 520 — 526) and all the following courses if not taken as part of their undergraduate study:

EDU 452 — Secondary School Student Teaching — 8 credits
EDU 453 — Student Teaching Seminar — 1 credit
EDU 491 — Foreign Language in the Secondary School — 3 credits
HIS 110 — United States History I or HIS 112 — U. S. History — 3 credits
SED 482 — Teaching Exceptional Students in the Secondary Education Classroom — 3 credits
SHE 203 — School Health — 3 credits
PSY 511 — Advanced Developmental Psychology (or, with permission of the adviser, an equivalent course) — 3 credits
FLA 403 — Introduction to Foreign Language Acquisition — 3 credits
IDS 470 — Literacy in the Content Areas — 1.5 credits
IDS 471 — English Language Learners in the Classroom — 1.5 credits
These courses do not count towards the master of science degree.

MASTER OF SCIENCE DEGREE IN FOREIGN LANGUAGES
Students can follow one of three options.

Comprehensive Examination Option — 30 credits
Students take 30 credits of coursework, of which 24 credits must be in the area of specialization, while 6 credits may be in cognate courses. Upon completion of coursework, they must pass a comprehensive examination, which has written and oral parts and tests both their knowledge of the language and literature and the specific material covered in the courses they have taken.

Thesis Option — 33 credits
With the permission of the faculty and the chairperson, students may exercise the thesis option. Students earn 27 credits in coursework, of which 24 credits must be in the area of specialization, while 3 credits may be in cognate courses; they also receive 6 credits for completion of the thesis.

Special Project (Applied Research) — 36 credits
With the permission of the faculty and the chairperson, students may exercise the special project option. Students earn 33 credits, of which 27 credits must be in the area of specialization, while 6 credits may be cognate courses; they also receive 3 credits for the completion of the applied research project.

MASTER OF SCIENCE DEGREE IN BILINGUAL, MULTICULTURAL EDUCATION/ TESOL
The Master of Science degree is designed for individuals interested in foreign languages and English and who want to enter the area of bilingual, multicultural education and the teaching of English to speakers of other languages (TESOL). This program is tailored to the needs of individuals who wish to:
• teach English abroad;
• teach adult English as a second language (ESL);
• teach ESL at the community college level; or
• add a cross-endorsement in Bilingual Education or TESOL to their certification.

Candidates must apply to the Graduate School and present a bachelor’s degree transcript from an approved, accredited institution. In addition, they must have a 2.7 QPR in an undergraduate program which includes a background in foreign language, the arts and humanities, mathematics and science, and social and behavioral sciences. A minimum TOEFL score of 600 is required for candidates who are not native speakers of English. Additionally, all candidates must submit a statement of intent and photocopies of any teaching certificates. After submitting all necessary documents, prospective candidates are asked to meet with a department adviser to plan their program. The Department reserves the right to require additional courses of students whose experience and training indicate deficiencies. The application deadline for the Master of Science program in Bilingual, Multicultural Education/TESOL is April 1 for fall term and November 1 for spring term.

Although the Department does not offer initial graduate certification in TESOL or Bilingual Education, the courses in the MS program are accepted for cross-endorsement
as described in the section entitled “Cross-Endorsement Programs in Bilingual Education and TESOL”.

General Requirements for the MS degree
With the approval of the graduate adviser, students select graduate courses from the Department’s offerings. Students must maintain an average of B (3.0) or higher. They enroll in a minimum of 30 credits of coursework; those listed under “core courses” are required. Traditionally, the program requires minimally two years to complete.

Core courses (18 credits)
FLA 502 — Descriptive Linguistics
FLA 503 — Second Language Acquisition (formerly FLA 523)
FLA 510 — TESOL: Principles and Practices
FLA 511 — TESOL: Methods and Materials
FLA 515 — Bilingual Education: Principles and Practices
SOC 510, URB 560, or EDU 563:
   SOC 510 — Ethnic and Racial Relations
   URB 560 — Ethnic Realities in the American Community
   EDU 563 — Anti-Bias and Multicultural Perspectives in the Classroom

Electives:
FLA 505 — Pedagogical Grammar of English for TESOL
FLA 512 — TESOL: Practicum (1-6 credits)
FLA 517 — Literacy Development for English Language Learners
FLA 518 — Content-Based Instruction for English Language Learners
FLA 521 — Assessment for English Language Learners
FLA 590 — Thesis Seminar and Thesis (6 credits, required for thesis option)
FLA 600 — Independent Study
EDF 520 or EDF 655:
   EDF 520 — Child in the American Culture
   EDF 655 — Foundations of Multicultural Education
EDU 592 — Research in Education
ENG 504 — The Teaching of Writing
ENG 505 — Applied English Linguistics
ENG 510 — History of the English Language
PSY 511 — Advanced Developmental Psychology

Capstone Experience Options
Students complete the master’s degree by following one of three options:

Comprehensive Examination Option — 30 Credits
Students enroll in 30 credits of coursework, including all core courses. Upon completion of coursework, they must pass a comprehensive examination.

Thesis Option — 33 Credits
With the permission of the graduate adviser and the chairperson students may exercise the thesis option. Students earn 27 credits of coursework, including all core courses. They also receive six credits for completion of the thesis.

Special Applied Project — 36 credits
With the permission of the graduate adviser and the chairperson students may exercise the special applied project option. This option allows students to apply their theoretical and methodological competencies to the creation of an instructional project. Students earn 33 credits of coursework, including all core courses. They also receive three credits for the completion of the applied project.

CROSS-ENDORSEMENT PROGRAMS IN BILINGUAL EDUCATION & TESOL
The Department of Foreign Languages offers the coursework necessary to prepare candidates for cross-endorsement in Bilingual Education and in TESOL. Cross-endorsement is an additional endorsement for individuals who are already certified to teach in the Connecticut State school system. Cross-endorsement is not awarded through institutions of higher education; candidates seeking cross-endorsement in TESOL or Bilingual Education must apply through their place of employment to the Department of Education in Hartford.

Bilingual Education Cross-Endorsement Program:
Candidates working towards a cross-endorsement in Bilingual Education must complete 18 hours of credit including coursework in each of the following areas:
1. First and second language acquisition;
2. Linguistic and academic assessment;
3. Cross-cultural sensitivity and communication and implications for instruction;
4. Strategies for modifying English content area instruction;
5. Methods of teaching English as a second language; and
The State also requires portions of the Praxis I exam and demonstrated language proficiency. Please contact the program office for a list of SCSU courses which the State accepts as meeting these requirements.

TESOL K-12 Cross-Endorsement Program
Candidates working towards a cross-endorsement in TESOL must complete 30 hours of TESOL credit with at least three hours of credit in each of the following areas:
1. English syntax, English composition;
2. Language theory;
3. Culture and intergroup relations;
4. Linguistic and academic assessment of limited English proficient students; and
5. Curriculum and methods of teaching English as a second language.
(Other acceptable courses include British or American literature, or English language.) Because the course requirements are so extensive, interested candidates are strongly encouraged to apply for matriculation into the Master of Science degree program in TESOL to ensure appropriate advisement.

For further information, students may access SCSU’s TESOL Web site at www.SouthernCT.edu/departments/foreignlanguage/and click on the link for
TESOL.

BILINGUAL EDUCATION/TESOL

FLA 502 — Descriptive Linguistics
Theory and practice of language description with particular emphasis on the structural and transformational-generative approaches. Relation of linguistics to other fields, and application to native and foreign language teaching. Scheduled fall semesters. 3 credits.

FLA 503 — Second Language Acquisition
The study of linguistic, cognitive, and social factors which influence the development of a second language. Applications to TESOL, bilingual education, and foreign language education. Prerequisite: FLA 502 or permission of instructor. Formerly FLA 523. Scheduled spring semesters. 3 credits.

FLA 505 — Pedagogical Grammar of English for TESOL
The course will help prospective and practicing teachers of ESL/EFL enhance their understanding of the grammar structures of English, expand their skills in linguistic analysis, and develop a pedagogical approach to teaching English grammar. 3 credits.

FLA 510 — TESOL: Principles and Practices
History and philosophy of TESOL, program descriptions, methodology, materials, research, and models for TESOL. Prerequisite: FLA 503 or permission of instructor. Scheduled fall semesters. 3 credits.

FLA 511 — TESOL: Methods and Materials
Focused on developing teachers’ comprehension of and competency in the use of various methods, techniques, the creation and evaluation of materials. Emphasis placed on teachers’ growth and performance. Open only to matriculants of bilingual education/TESOL programs or to those who have been given permission of the TESOL program coordinator. Prerequisite: FLA 510 or permission of instructor. Scheduled spring semesters. 3 credits.

FLA 512 — TESOL: Practicum
Supervised classroom experience for students and teachers in primary, secondary, community college, university or adult education environments. Prerequisite: FLA 510 and departmental permission. Open to bilingual education/TESOL master’s program matriculants only by advisement. 1-6 credits.

FLA 515 — Bilingual Education: Principles and Practices
History and philosophy of bilingual education, program descriptions, methodology, materials, research, and models for bilingual education. Scheduled fall semesters. 3 credits.

FLA 517 — Literacy Development for English Language Learners
Literacy development theory and its application to the practices of teaching reading and writing to learners of English as a second language. Prerequisite: FLA 502 or departmental permission. 3 credits.

FLA 518 — Content-Based Instruction for English Language Learners
ESL teachers, bilingual education teachers, and content teachers learn how to modify mainstream course materials and instructional strategies so that English language learning students can engage in course content while simultaneously developing their new language. Scheduled every other spring semester. 3 credits.

FLA 521 — Assessment for English Language Learners
Teacher candidates learn to select, create, administer, and interpret results of assessment instruments and other assessment strategies which measure the academic and language competencies of learners of English as a second language. Scheduled every other spring semester. 3 credits.

FLA 540 — West African Literature: A Mirror of Cross-Cultural Dimensions of Transition
A selection of novels, tales, poems, and articles illustrates the Black West African viewpoint on problems of transition from traditional African society to 20th century life. 3 credits.

FLA 580 — Latin and the Romance Languages
Development of Latin into the modern Romance languages (principally French, Italian, and Spanish), one of the great case-studies in linguistic history. Some attention to applying history to classroom instruction. Prerequisites: graduate status in department or successful completion of a third-year course in French, Spanish, or Italian (or the equivalent), or one year of Latin. Scheduled once every three years. 3 credits.

FRENCH
Normally one of the following courses is offered during any given semester.

FRE 501 — French Stylistics
Theory of stylistics and its practical application through study and analysis of specific materials, and an examination of problems of translation and composition. 3 credits.

FRE 502 — Advanced Language Seminar
A course designed to improve French linguistic proficiency. Study of syntax and grammar; study of idioms; enrichment of vocabulary by means of translation and of structured conversation. 3 credits.

FRE 503 — Contemporary France
A description of contemporary France, its physical, social, political, economic characteristics, and its culture and values. Newspapers, magazines, slides, guides, records, and contemporary texts are used. 3 credits.

FRE 504 — French Language Studio
A practical course in which learning patterns and techniques of presenting French grammar, phonology, and simple literary texts are emphasized. Group and individual work, with video tape used to analyze and correct. Conducted for the most part in French. 3 credits.

FRE 512 — Literature of the Renaissance
Principal literary figures and movements of the French Renaissance from 1515 to 1598. 3 credits.

FRE 527 — 17th-Century “Moralistes”
This course focuses on the major contributions of selected seventeenth-century “moralistes”: Descartes, Pascal, La Fontaine, La Bruyère, La Rochefoucauld, as well as Molière. 3 credits.

FRE 531 — The Novel from Madame de Lafayette to Laclos
The psychological novel, the philosophical novel, the novel of manners and adventure, are all represented by gifted writers of this period. The course includes a choice of works by such authors as Madame de Lafayette, Lesage, Marivaux, Abbé Prévost, Diderot, Voltaire, Rousseau, Restif de la Bretonne, Bernardin de Saint Pierre, the
Marquis de Sade, and Choderlos de Laclos. 3 credits.

**FRE 541 — Romantic Poetry**
Romanticism is approached as a new form of sensitivity with a new set of literary conventions, while the originality of every poet is also stressed. The major poetic works of Lamartine, Musset, Vigny, and Hugo are studied in depth. 3 credits.

**FRE 544 — Autobiographical Literature**
Works by Montaigne, Rousseau, Chateaubriand, Stendhal, Gide, or others are read and discussed to provide insight into autobiographical writing. Emphasis is placed on the particular techniques and voices of these authors. 3 credits.

**FRE 546 — Flaubert**
Study of major novels and “contes” of Flaubert, their role in the development of the nineteenth-century novel, as well as their influence on modern writing. 3 credits.

**FRE 557 — The Problem of “Engagement” in Contemporary French Literature**
Emphasis is on novels, essays, and poetry of the most important writers of the period, from World War I through World War II and its aftermath. The writings of Malraux, Saint-Exupéry, Eluard, Sartre, and Camus among others, attempt to deal with the problems of a socially, economically, and politically troubled Europe, and to find a suitable human response to them. 3 credits.

**FRE 559 — French Literature from 1950 to the Present**
Varying widely in style and emphasis, the authors studied all share a questioning of traditional values and an intense interest in the nature of literature and of language. Works studied may include the theater of Ionesco, Beckett, and Genet, as well as novels by Simon, Sarrute, Robbe-Grillet, and Butor. 3 credits.

**FRE 580 — Latin and the Romance Languages**
Development of Latin into the modern Romance languages (principally French, Italian, and Spanish), one of the great case-studies in linguistic history. Some attention to applying history to classroom instruction. Prerequisites: graduate status in department or successful completion of a third year course in French, Spanish, or Italian (or the equivalent), or one year of Latin. 3 credits.

**ITALIAN**
Normally one of the following courses is offered during any given semester.

**ITA 501 — Italian Stylistics**
Problems of syntax, idiomatic expression, and usage; analysis of selected passages for form and style. 3 credits.

**ITA 502 — Advanced Grammar Study**
A study of advanced Italian grammar and syntax, designed to expand the student’s mastery of written and spoken Italian. Emphasis on grammar, syntax, idioms, translation, and vocabulary. 3 credits.

**ITA 503 — Italy Today**
Contemporary Italian culture; its literary, cultural, social, economic, and political manifestations. 3 credits.

**ITA 512 - 513 — The Divine Comedy I, II**
Dante’s masterpiece analyzed with special attention to its philosophical and political message. 3 credits each.

**ITA 515 — Petrarch and Boccaccio**
The life and works of these writers, their contributions to prose and to the development of humanistic thought. 3 credits.

**ITA 518 — Poets and Prose Writers of the 15th Century**
The literary contributions of Alberti, Sannazaro, Leonardo, Pulci, Boiardo, and others. 3 credits.

**ITA 520 — Epic and Chivalric Poetry**
The epic poems of Pulci, Boiardo, Ariosto, and Tasso. 3 credits.

**ITA 522 — Literature of the 16th Century**
The works of Bembo, Machiavelli, Guicciardini, and Castiglione. 3 credits.

**ITA 527 — Theater of the 18th Century**
The dramatic works of Goldoni, Gozzi, and others. 3 credits.

**ITA 535 — Alfieri, Foscolo, Leopardi**
The works of these authors in the context of Enlightenment, neo-classical, and Romantic literary trends. 3 credits.

**ITA 540 — Manzoni**
Manzoni’s contribution to the development of the novel, his literary works and his role in Italian Romanticism. 3 credits.

**ITA 543 — Prose Writers of the 19th Century**
The major currents and styles are examined in the writings of Pellico, Nievo, Verga, Deledda, Fogazzaro, and D’Annunzio. 3 credits.

**ITA 550 — Modern Italian Poetry**
A critical analysis of modern Italian poetry through the works of Saba, Ungaretti, Montale, Quasimodo, and others. 3 credits.

**ITA 553 — Modern Italian Novel**
The origins and development of the modern novel from Manzoni to Pirandello. 3 credits.

**ITA 555 — Modern Italian Theater**
The dramatic works of D’Annunzio, Pirandello, Niccodemi, Betti, and others. 3 credits.

**ITA 580 — Latin and the Romance Languages**
Development of Latin into the modern Romance languages (principally French, Italian, and Spanish), one of the great case-studies in linguistic history. Some attention to applying history to classroom instruction. Prerequisites: graduate status in department or successful completion of a third year course in French, Spanish, or Italian (or the equivalent), or one year of Latin. 3 credits.

**SPANISH**

Normally two of the following courses are offered during any given semester.

**SPA 508 — A Survey of 19th-Century Spanish Literature**
A brief background on the influence of 18th century ideas will be followed by reading of selected works by Larra, Espronceda, Zorrilla, Bécquer, Valera, Galdós, and “Clarín”. 3 credits.

**SPA 513 — The Theme of Honor in Spanish Literature**
Historical and literary development of the theme of honor from twelfth to twentieth century. 3 credits.
SPA 515 — El Poema de Mio Cid, El Libro de Buen Amor, and La Celestina
Analysis and comparison of these works from the beginnings of epic poetry to the Renaissance. 3 credits.

SPA 524 — The Spanish Mystics
Origins, development, and characteristics of the mystical tradition as represented in works of San Juan de la Cruz, Santa Teresa, and Fray Luis de León. 3 credits.

SPA 528 — Cervantes
Critical reading of selected works of Cervantes, with emphasis on the Quijote. 3 credits.

SPA 531 — Latin American Writers and the Cinema
Analysis of the relationship between film and literature in Latin America and its importance for the production of culture through the discussion of written texts and films from Latin America, Europe and Hollywood. 3 credits.

SPA 546 — Latin American Thought Through Its Essayists
Development of identification of Latin American self, with emphasis on political and social problems in Sarmiento, Montalvo, Martí, Vasconselos, Rodó, Reyes, and Paz. 3 credits.

SPA 551 — Contemporary Spanish Thought: Unamuno, Ortega y Gasset
An analysis of Spain within literary and philosophical frameworks. 3 credits.

SPA 554 — The Novel in 20th-Century Spain
Social, political, and philosophical issues in novels of Unamuno, Azorín, Baroja, Cela, Lafüret, Matute, and Goytisolo, Martín-Santos, Martín Gaite, Marsé, and Tusquets. 3 credits.

SPA 556 — Recent Trends in Spanish American Novel
Development of the Spanish American novel and analysis of social problems and esthetic values. Asturias, Carpentier, García Márquez, Vargas Llosa, Cortázar, Cabrera Infante, Fuentes, and Agustín. 3 credits.

SPA 558 — Hispanic Poets of Today
Selected works of Spain and Spanish America, including Jorge Guillén, Aleixandre, Cernuda, Alberti, Huidobro, Neruda, Vallejo, Borges, and Paz. 3 credits.

SPA 580 — Latin and the Romance Languages
Development of Latin into the modern Romance languages (principally French, Italian, and Spanish), one of the great case-studies in linguistic history. Some attention to applying history to classroom instruction. Prerequisites: graduate status in department or successful completion of a third year course in French, Spanish, or Italian (or the equivalent), or one year of Latin. 3 credits.

SPA 590 — Thesis Seminar
Prerequisite: departmental permission. 3 or 6 credits.

The following courses have been approved but are not scheduled for 2006-2007.

FRE 505 — The Middle Ages: Romance and Faith
ITA 510 — Early Italian Literature
SPA 511 — Medieval Lyric Poetry
SPA 548 — Ruben Dario and Modernismo
SPA 552 — Theater and Poetry of Federico Garcia Lorca
GEOGRAPHY

The University does not offer a program leading to the master's degree in geography but the following courses are scheduled irregularly.

GEO 500 — Geography
The significance of such physical factors as climate, soils, minerals and vicinal location for man's culture and opportunities. Selected "human use" regions included. May not be used as a part of a major concentration in geography. 3 credits.

GEO 511 — Geography of North America
Physical and human aspects of North America and the geographic factors in interpreting conditions in the present and in the past. 3 credits.

GEO 515 — Geography of Connecticut
A study of the geography of Connecticut, physical and human, as they have affected the past and present. (Formerly GEO 550). 3 credits.

GEO 525 — Geography of Latin America
Geographic background of contemporary problems in the regional setting including particular attention to population, land reform, industrialization and economic integration. 3 credits.

GEO 530 — Geography of Europe
The study of the physical and human geography of the region from the earliest times to the present with emphasis on population, and economic and political aspects as each pertains to Europe's spatial position in the world. 3 credits.

GEO 542 — Geography of the Middle East
Both physical and human geography of the region, stressing cultural, economic and political aspects. 3 credits.

GEO 545 — Geography of Africa
Both physical and human geography of the region south of the Sahara, stressing population distribution as well as cultural, economic and political aspects. (Formerly GEO 543). 3 credits.

GEO 562 — Urban Geography
Concentrates on the spatial factors and locational bases of the urban complex to define the "geographic" courses underlyng the problems besetting the contemporary city. (Formerly GEO 561). 3 credits.

GEO 570 — Field Techniques in Geography
Field study and cartographic representation of physical and cultural elements of the landscape of selected regions. Prerequisite: 12 credits in geography or departmental permission. 3 credits.
HISTORY

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DAVIS, HUGH, Professor; B.A., Ohio Wesleyan University; M.A., Ph.D., Ohio State University

FEINBERG, HARVEY, Professor; B.A., Yale University, M.A., American University; Ph.D., Boston University

FRIEDLANDER, ALAN R., Professor; B.A., Queens College, City University of New York; M.A., Ph.D., University of California, Berkeley

GERBER, RICHARD, Professor; B.A., M.A., Ph.D., University of Michigan

HINRICHIS, T.J., Assistant Professor; A.B., A.M., Ph.D., Harvard University

HOUSE, LEWIS, Professor; B.A., Adelphi University; M.A., Ph.D., New York University

KALK, BRUCE H., Professor; B.A., College of William and Mary; M.A., Ph.D., University of North Carolina at Chapel Hill

MADISON, JULIAN C., Associate Professor; B.A., M.A., Cleveland State University; Ph.D., University of Washington

METAXAS, VIRGINIA A., Professor; B.A., M.A., Ph.D., State University of New York

PETTO, CHRISTINE, Associate Professor; B.A., Boston University; M.A., Ph.D., Indiana University

PURMONT, JON, Professor; B.S., Georgetown University; M.S., Southern Connecticut State University; Ed.D., Teachers College, Columbia University

THOMPSON, MICHELE, Associate Professor; B.A., M.A., University of Alabama; Ph.D., University of Washington

APPLICATION DEADLINE:
Students should apply for the history program by April 1 for the fall semester and October 1 for the spring semester.

ADMISSION PROCEDURES
All applicants must complete the School of Graduate Studies application. In addition, applicants to teacher certification programs must complete the School of Education's admission application and submit it separately to the Director of Student Teaching. Refer to the section entitled "Admission to Teacher Certification Programs" in this catalog under "Application and Admission" for additional information.

Candidates should complete applications by April 1 for the fall semester and by October 1 for the spring semester. Prospective students may, however, register as part-time non-matriculated students in graduate courses. Non-matriculated students may earn no more than nine credits toward a degree program.

A minimum overall grade point average of 2.7 with at least 18 credits of history is required for admission. Grades in history courses should be at least 3.0.

When the School of Graduate Studies notifies applicants that their file is complete, they must contact the History Graduate Coordinator to write a planned program of study. No applicant with a complete file is matriculated without a planned program of study approved by the Dean or Associate Dean of Graduate Studies and an acceptance letter.
Interested applicants who do not meet school or departmental requirements should consult the History Graduate Coordinator before taking courses as a non-matriculated student.

MASTER OF ARTS DEGREE — 30 CREDITS

The Master of Arts degree is designed to provide the depth in history necessary to pursue doctoral studies and to afford certified teachers the opportunity to strengthen their knowledge of history.

Applicants must meet the general requirements of the School of Graduate Studies and have completed a minimum of 18 undergraduate credits in history with a grade point average of 3.0 or higher in those courses.

The program of study consists of 24 credits of course work and a 6 credit thesis. Students may elect up to 9 credits of their course work in other social science or humanities fields. Reading ability in one modern foreign language is encouraged.

MASTER OF SCIENCE DEGREE IN HISTORY WITH SOCIAL SCIENCE TEACHER CERTIFICATION — 48 CREDIT MINIMUM

The Master of Science degree is designed to combine advanced historical study with course work necessary for certification to teach History and Social Science in grades 7-12. Applicants must meet requirements of the School of Graduate Studies and the School of Education, including an overall undergraduate grade point average of 2.7 and the Praxis I examination or a waiver. In addition, 18 credits in undergraduate history and some background in other social science fields are required for admission.

The program of study consists of 27 credits in professional teacher certification courses (see also "Admission to Teacher Certification Programs-Secondary Education):

- HIS 110 or 112 — United States History
- SHE 203 — School Health
- PSY 370 — Educational Psychology
- SED 482 — Teaching Exceptional Students in Secondary Classroom
- EDF 520-526 — Educational Foundations (choose one)
- EDU 494 — Social Science (Secondary School) — to be taken after completion of above courses and passing Praxis II examination
- EDU 452-453 — Student Teaching and Student Teaching Seminar — to be taken after completion of above courses and passing Praxis II examination
- 21 elective credits in graduate level history and social science, at least 15 credits of which must be in history
- a comprehensive examination in two elected fields (American, European, or non-Western history)

CERTIFICATION ONLY

This program is designed to provide secondary teacher certification to those already holding a master's degree in history, education, or a related social science field. Applicants must meet admission criteria for the M.S. degree with certification. Students must complete all course work required for state teacher certification in History and Social Science as listed above. In addition, students must complete 6
credits of graduate level history at SCSU.

**Master’s Thesis or Comprehensive Examination**

Students have the option of choosing a program with either a thesis (6 credits) or a program in which the student must pass a comprehensive examination.

**HISTORY COURSES**

All history courses are open to all graduate students with at least 18 credits (a minor) in undergraduate history courses. Note other prerequisites listed below.

**HIS 508 — Contemporary World History**
The socio-political history of the world from the 1920's to the present, with a detailed analysis of selected problems. 3 credits.

**HIS 513 — The Transformation of American Society, 1877-1917**
The major social, economic, cultural, and political developments of the period are studied as well as the role of class, race, gender, and ethnicity. 3 credits.

**HIS 514 — Issues in American Constitutional History**
Historical and contemporary constitutional issues regarding the establishment and evolution of powers and functions of government institutions; primary legal and legislative decisions; individual rights and liberties; and invention of practices unknown to the written Constitution. 3 credits.

**HIS 518 — A Woman’s Place is in the Curriculum: A Multicultural Approach**
Introduction of multicultural women’s studies content to education professionals. Workshop facilitators demonstrate strategies for infusing women’s studies content into K-12 curriculum. Cross-listed as WMS 518, IDS 518 and EDU 520. 3 credits.

**HIS 531 — Race and Nationalism in South Africa**
The roots of prejudice and racism (from segregation to apartheid) and the complexities of South African society, including Afrikaner and African Nationalism, will be investigated. Emphasis is upon primary documents and analyses by historians. 3 credits.

**HIS 535 — Colonial and Victorian Women in the U.S.**
Survey of readings about women from the colonial period to the late nineteenth century on the following topics: family, work, immigration, urbanization, industrialization, race, class, ethnicity, and cultural and political status. Cross-listed as WMS 535. 3 credits.

**HIS 536 — Progressive and Modern Women in the U.S.**
Survey of readings and research from the late nineteenth century to the present on the following topics: family, work, immigration, urbanization, altruism, professionalism, race, class, ethnicity, cultural and political status. Cross-listed as WMS 536. Prerequisite: permission of instructor. 3 credits.

**HIS 548 — China Since Western Impact**
Major issues in the last 100 years of Chinese history. Western impact and the Chinese response, the Republican revolutions, the intellectual ferment, the Guomindang years, and the rise of communism. 3 credits.

**HIS 549 — China Under Communism**
China since the Communist government came to power in 1949. 3 credits.

**HIS 551 — The Colonial Period of U.S. History**
The American colonies and their economic, social, and political development. 3
HIS 552 — American Revolution
The background of colonial development and discontent leading to the Revolution, as well as an appraisal of political, social, economic, and military factors leading to independence. Contributions of the founding fathers and the difficulties in forming a genuine political union. 3 credits.

HIS 553 — The Early Republic, 1789-1820
Implementation of principles of the American Revolution in constitutional and political practice. Topics covered include institutional and economic development according to Hamilton and Jefferson, European conflict and American intervention, emergence of national identity, the industrial revolution, sectionalism and nationalism. 3 credits.

HIS 554 — The Pre-Civil War Era, 1820-1850
Important social, economic, cultural, and political developments that shaped early modern American society. 3 credits.

HIS 555 — The Civil War and Reconstruction, 1850-1877
Studies the crises of the 1850's, Civil War causation, the Civil War experience, and the Reconstruction experiment. 3 credits.

HIS 559 — The New Deal
An in-depth analysis of the emergence of modern America focusing on the period 1933-1938. Emphasis on the role of government in American society. 3 credits.

HIS 561 — Seminar in the History of American Diplomacy
An examination of U.S. foreign policy since 1890 incorporating different interpretive frameworks. Seminar format. 3 credits.

HIS 562 — Seminar in the History of American Diplomacy
An examination of U.S. foreign policy since 1890 incorporating different interpretive frameworks. Seminar format. 3 credits.

HIS 563 — History of Urban America
A problem approach to the critical issues confronting twentieth century Urban America. 3 credits.

HIS 570 — Topics in Medieval History
Introduction to the problems of interpreting the medieval contribution to contemporary society. Lectures introduce various concepts of the Middle Ages and basic sources of medieval history and culture. 3 credits.

HIS 585 — Historiography
A seminar in the philosophical and methodological problems of history. Emphasis is on methods noted European and American historians use to fulfill the task of writing history. 3 credits.

HIS 587 — The French Revolution and Napoleon
Flanked by a treatment of the ancient regime and the post-Napoleonic restoration, this course studies the years 1789-1815, one of the most important generations in European history. 3 credits.

HIS 588 — Seminar in Ancient History
Concentration on the history of Rome in the late Republic and Imperial periods. Topics in the causes of the fall of the Republic and the society and religions of the Empire through the fourth century. 3 credits.

HIS 589 — Tudor-Stuart England
The establishment of a strong monarchy after the breakdown of central authority during the closing middle ages and the eventual eclipse of this monarchy by the social and political groups that came to dominate Parliament. Economic, social, and religious changes during the period that saw England become a great trading colonial power with worldwide interests. 3 credits.

HIS 590 — Seminar in American Intellectual History
American ideas, thinkers and intellectual movements in historical perspective. Emphasis on the Enlightenment, Romanticism and reform movements; the impact of Darwinism on science; Marx and Freud in American thought; pragmatism and the rise of relativism; conflicting political ideologies; tensions between myths and realities; and competing value systems. 3 credits.

HIS 591 — Seminar in European Intellectual History
Selected topics dealing with the historical development of philosophical, theological, psychological, and political ideas in Europe, with a concentration on the nineteenth and twentieth centuries. A reading knowledge of German and/or French is suggested but not required. 3 credits.

HIS 593 — History Thesis Seminar
HIS 597 — History Internship
A supervised public history internship in museum work, historic preservation, historical societies, libraries, or other history-related fields in public or private institutions. Prerequisite: 12 hours of related coursework. 3 or 6 credits.

The following courses have been approved but are not scheduled for 2006-2007.

HIS 528 — Puerto Rico and The Caribbean
HIS 534/WMS 534 — History of Women in the Professions
INFORMATION AND LIBRARY SCIENCE

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APPLICATION DEADLINE:
MLS program: March 1 for fall and September 1 for spring
Sixth Year Information Studies Program: July 1 for fall and November 1 for spring
School Media "Certification Only/Cross Endorsement": rolling admissions

Department of Information and Library Science

The Department of Information and Library Science offers graduate programs leading to the degrees of Master of Library Science, Master of Library Science with Connecticut School Media Specialist Certification, a Master of Science in Instructional Technology, a sixth year professional diploma in Library/Information Studies, and a joint degree program which leads to a Master of Library Science degree and a Juris Doctor degree in cooperation with the School of Law, University of Connecticut.

The Master of Library Science Program, integrating library science, information science and instructional design, development, and technology, offers preparation for
careers in all types of libraries and a range of information occupations. The Master of Library Science has been accredited by the American Library Association since 1972. Connecticut certification as a School Library Media Specialist may also be obtained through this program.

It is currently possible to obtain the Master of Library Science entirely online, completely on ground or by taking a combination of online and on ground courses. The Master of Science Program in Instructional Technology offers concentrations in media production, the design of systems for teaching and learning, and corporate training. Students normally prepare for careers in business or education.

The Sixth Year Professional Diploma in Library/Information Studies provides for the formal continuing education or specialization needs of information professionals. A master’s degree is required for admission to the Art of the Oral Tradition specialization. A master’s degree in library science or information science is required for admission to the Library/Information Studies specialization.

Joint degree programs enable students to study in two programs concurrently and earn two degrees. The number of credits and time for completion are shortened.

Application Procedure and Deadlines
Applicants must present for admission a completed application and credentials by March 1 for fall admission and September 1 for spring admission in MLS programs; July 1 for fall admission and November 1 for spring admission for the Master of Science, Art of Oral tradition, and Information Studies Sixth Year programs. Departmental admissions decisions will be mailed on approximately May 1, August 1, and December 1. ILS admits students based on the anticipated number of seats available in classes. Applicant files must be complete before a review will be conducted and must include the following:

•completed Graduate School application form and application fee;
•two copies of official transcripts of all college level work;
•two letters of recommendation attesting to the ability of the applicant to successfully complete the program of studies (preferably from employers or professors);
•a statement of 250-500 words stating why the applicant is interested in the program of study and career expectations 5-10 years from completion;
•a current resume
•Graduate Record Exam scores (for MLS and School Media Specialist Certification applicants only); and
•Praxis I scores (for School Media Specialists Certification applicants only).

Applications will not be forwarded to the Admissions Committee until all materials, including official transcripts and test scores or waiver certificates, are received. Incomplete applications will be withdrawn six months after the initial application is received. Prospective students are strongly encouraged to submit all materials at the same time.

Graduate Record Exam (GRE)
All applicants to the MLS degree or school media specialist certificate programs are required to take the Graduate Record Exam (GRE) General Test. The GRE exam must
have been taken in the past five years. All applicants are expected to benchmark against the following scores: 550 points in verbal; 450 in quantitative; 550 (pre-October 2002) in analytical or 5.0 (beginning October 2002) in analytical writing.

Test of English as a Foreign Language Exam (TOEFL)

All applicants for whom English is a second language are required to take the GRE and Test of English as a Foreign Language Exam (TOEFL) examinations. These applicants must score a minimum of 600 on the TOEFL.

Professional Assessments for Beginning Teachers (PRAXIS)

All applicants to the School Media Specialist certification or cross endorsement programs must pass the state-mandated skills examination (Praxis I) in mathematics, reading, and writing, or, present a combined score of 1000 on the SAT with at least a score of 400 on both the verbal and the mathematics sections respectively from any test administration prior to March 31, 1995; or, present a combined score of 1100 on the SAT with at least a score of 450 on both the verbal and the mathematics sections respectively from any test administration on or after April 1, 1995; or, present a composite score of 24 or more on the American College Testing Program Assessment (ACT), with no less than 22 on the English subtest and no less than 19 on the math subtest from test administrations on or after October 1989. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program and PRAXIS examinations.

Reporting Test Scores

All required tests must be sent to Southern directly from the Educational Testing Service (ETS). Southern’s school code is 3662. Information (including test preparation) on the GRE, TOEFL, and PRAXIS can be found at:

• Educational Testing Service (ETS): http://www.ets.org
• Graduate Record Exam (GRE): http://www.gre.org
• Test of English as a Foreign Language (TOEFL): http://www.toefl.org
• Professional Assessments for Beginning Teachers (PRAXIS Series): http://www.praxis.org

Department Admissions Criteria

Although acceptance cannot be guaranteed given the high number of applicants, applicants whose records show all the conditions outlined below will be given consideration. All applicants to graduate programs in ILS should meet the following admissions criteria:

• A bachelor’s degree from an accredited college or university. An undergraduate degree earned abroad must be deemed equivalent to a U.S. bachelor’s degree.
• A benchmark 3.0 GPA (on a 4.0 scale) in all undergraduate studies, as well as for any subsequent graduate-level work.
• For applicants for whom English is the native language, a benchmark of 550 in verbal; 450 in quantitative; 550 or 5.0 in analytical writing on the GRE General Test.
• For applicants for whom English is a second language, a benchmark of 550 in verbal; 450 in quantitative; 550 or 5.0 in analytical writing on the GRE General Test; plus a minimum of 600 on the TOEFL.

• Submission of an application, college transcripts, an essay, letters of recommendation, and any required test scores.

All applicants to the School Media Specialist certification or cross-endorsement programs must pass the state-mandated skills examination (Praxis I) in mathematics, reading, and writing, or present a waiver letter.

Independent of these measures, the Admissions Committee will also provide an overall assessment on the applicant’s likelihood of successful completion of the intended program of study. This assessment will be based on the letters of recommendation, past academic achievements, consistency of academic direction and goals, and expected contribution to the information professions. In special circumstances, applicants may be asked to make themselves available for a formal interview with the Admissions Committee.

Prior to being admitted to the program, students may take up to 9 credits on a non-matriculated basis. However, taking such courses does not give the applicant an advantage in the application process.

Computer Skills Prerequisite

The Department assumes that students have basic computer skills, abilities, and knowledge of the type that are normally acquired through a college-level computer literacy course. The skills, abilities, and knowledge encompass the use of word processing, email, and web-browser software and a basic understanding of computer hardware, software and telecommunications capabilities. Some familiarity with personal computer operating systems and interfaces is also assumed.

All incoming graduate students must have the following computer skills prior to taking any courses in the Department of Information and Library Science: Windows; MS Office including Word, Excel, PowerPoint, and basic Access (table creation, queries on a single table); e-mail; Internet; and any drawing tool. To acquire these skills, students can take courses at a community college, a university, or a computer training center. These skills can also be self-taught with the help of a textbook or instruction manual.

The Special Project Requirement

All students in an ILS graduate program are to complete a special project in lieu of a thesis. The project may be completed in connection with a course being taken or it may be completed as an independent study, field project, or outside of course credit.

The special project, along with a narrative paper described below, must be approved by the course instructor or advisor and submitted on CD-ROM to the ILS office prior to graduation.

Each special project file must include the following:

• identification and listing of 5 - 9 key concepts and skills the student gained over the course of his or her planned study and that are applied to the special project

• identification and listing of the courses in the student's planned study that contributed
to this knowledge and skill set
• discussion of how the student applied this knowledge and skill set to the special project
• documentation of the special project itself
• supporting assessment documents, such as letters from practitioners who benefited from the project's implementation

Continuous Enrollment and Satisfactory Progression
Continuous enrollment requires that every graduate student maintain at least six credits toward his or her degree program every calendar year (a minimum of three credits in the fall and spring terms respectively) from the time of acceptance by the School of Graduate Studies until completion of all requirements for the graduate degree. Students enrolled for thesis may take fewer than six credits per calendar year but must pay the continuous enrollment fee. Graduate students who have completed all course requirements must register as continuing students until all degree requirements have been met. Students must register for a course each semester or pay the $40 fee to maintain continuous enrollment. Payment of the $40 fee each semester for this status permits use of the library, computer facilities, and access to faculty advisors. Students who fail to maintain continuous enrollment status will be charged $40 for each semester not registered.

Continuation in a graduate program is contingent upon ongoing positive faculty evaluation of a graduate student’s grades, professional or scholarly attributes, performance in real or simulated professional situations, and subjective appraisal of the student’s progress and potential. A student may be suspended or dismissed from a graduate program for deficiencies in any of these areas.

Time Limitation to Complete Programs
All requirements for a graduate degree must be completed within a period of six years prior to the granting of the master's degree or sixth year diploma. Refer to the section entitled "Time Limitation to Complete Programs" in the beginning of this catalog under "Academic Standards and Regulations" for additional information.

LIBRARY SCIENCE
The Master of Library Science degree program is accredited by the American Library Association. The school media specialist concentration is also approved by the Connecticut State Board of Education.

ILS 503 — Foundations of Librarianship, is strongly recommended as a first course for all students. It may be taken along with other courses, however.

A maximum of 15 credits in 600 level courses is permitted.

An interview may be required of applicants to the program.

Those who are awaiting an admissions decision may enroll in up to 9 credits. The recommended courses to choose from are:

ILS 501 — Introduction to Information Science and Technology
ILS 503 — Foundations of Librarianship
ILS 504 — Reference and Information Resources and Services
ILS 506 — Information Analysis and Organization

(Permission of a departmental subject advisor is required before selecting different courses as first courses.)

Transfer Credit
In addition to university requirements (please consult that section of the catalog), transfer credits may be awarded for work completed in an ALA accredited program only.

Field Project and Independent Study
An application for a field project and/or independent study must be submitted to the department by April 15th for the fall term and November 15th for the spring term. Students must submit a proposal according to the guidelines established by the department and the proposal will be reviewed by a departmental committee.

MASTER OF LIBRARY SCIENCE DEGREE
For students who wish to qualify for a Master of Library Science degree with specialization alternatives. The Master of Library Science degree requires completion of a total of 36 credits (or approximately 12 courses) with a grade of “B” or higher. All students in the program must complete a core consisting of the five courses (see below) with a grade of “B” or higher in each course. A course can be repeated only once and a grade of “B” or higher must be achieved. Each grade is included in the grade point average. Failure to receive a grade of “B” or higher when a course is repeated, or if the grade point average falls below 3.0, results in automatic academic dismissal.

Core Requirements
ILS 501 — Introduction to Information Science and Technology
ILS 503 — Foundations of Librarianship
ILS 504 — Reference and Information Resources and Services
ILS 506 — Information Analysis and Organization
ILS 680 — Evaluation and Research

ILS 560, 561, 562, or 564 are required depending on the library specialization track selected.

Electives
Students select courses in Information and Library Science with the ILS course designation that are suited to their needs or up to 3 credits in a cognate area outside the ILS course designation with department permission. Pre-approval has been given to the following cognate area courses: IDS 553, SED 594, EDF 520, and courses with ITC course designations.

MASTER OF LIBRARY SCIENCE DEGREE AND CERTIFICATION
Nancy Disbrow, Program Coordinator
Tel. (203) 392-5702. E-mail: disbrow1@southernct.edu
This program is designed for students who wish to qualify for a Master of Library
Science degree and certification as a school media specialist. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching. A minimum of 36 credits in library science and instructional technology is required. Additional course work in education and psychology as well as practice in a school library media center may be needed to meet Connecticut state certification requirements.

Students seeking School Media Certification outside of Connecticut are responsible for contacting the State Department of Education in their home state for verification of that state's school media certification requirements. Students outside of Connecticut wishing to complete Southern's MLS with Connecticut certification program should contact the ILS School Media Certification Program Coordinator prior to submitting a planned program. (NOTE: Currently, Southern Connecticut State University's Department of Information and Library Science and the School of Education do not assign or supervise student teaching practicums/interships outside of Connecticut.)

Certification Only

This program is designed to provide school media certification to those who already hold an MLS degree and wish to add Connecticut initial certification in School Library Media or to those who are already certified in another teaching area and wish to add the Connecticut cross endorsement in School Library Media. Connecticut state regulations require a minimum of 30 credits in the MLS program for cross endorsement in this field. See the specific courses required listed below. After admission to the MLS with certification program, "cross endorsement only" students may complete an MLS with an additional six credits and fulfillment of the special project requirement.

Applicants for "certification only" must meet admission criteria for the MLS with School Media Certification, including the application packet, which included Praxis I scores or waiver.

Cross endorsement students are allowed to enroll in only two courses prior to being fully matriculated; also, all students must take a course in special education.

Initial Certification Phase
ILS 501 — Introduction to Information Science and Technology
ILS 503 — Foundations of Librarianship
ILS 504 — Reference and Information Resources and Services
ILS 506 — Information Analysis and Organization
ILS 511 or 512 — Materials and Services for Children/Adolescents
ILS 562 — School Library Media Centers
EDU 566 — Media Utilization and Curriculum

Six credits in instructional technology selected from the following approved courses:
ILS 570 — Utilizing Instructional Media
ILS 575 — Instructional Design Principles
ILS 539 — Multimedia Interface Design
ILS 655 — Digital Libraries

Plus one elective (3 credits) from the following:
ILS 511 — Materials and Services for Children
Joint Degree Programs

In a joint degree program, students may earn two degrees. The School also offers a unique opportunity for students to earn a master of library science degree and a juris doctor degree. This program is offered in cooperation with the School of Law at the University of Connecticut. A significant advantage to students is the reduction in the number of course credits required for two degrees. Students interested in this joint degree program should contact Professor Arlene Bielefield to complete a planned program.

Instructional Technology

Master of Science Degree in Instructional Technology

Due to the suspension of the Instructional Technology program, the Department of Information and Library Science is not accepting new applications until further notice.

Core Requirements
- ITC 500 — Instructional Technology Foundations
- ITC 570 — Utilizing Instructional Media
- ITC 572 — Administering Instructional Media Services OR
  - ITC 576 — Designing Corporate Training Environments
- ITC 575 — Instructional Design Principles
- ITC 590 — Instructional Design Portfolio Development Seminar

Professional Requirements and Electives
Within broad limits, students participate in planning course sequences suited to their individual needs and goals.

Special Project
36 credits of approved course work including a special project.

Library Information Studies

Sixth Year Diploma in Library Information Studies
The thirty-credit Library Information Studies program is an advanced educational program, which provides a choice of two areas of specialization: Information Studies and Art of the Oral Tradition.

Applicants to sixth year programs must hold a master's degree from a regionally accredited college or university with a grade point average of at least 3.0. All requirements, including any transfer credit, must be completed within a period of six years immediately preceding the awarding of the sixth year diploma. Credits accepted in transfer must be completed with a grade of "B" or higher and approved by the graduate program advisor. All credits for the sixth year must be taken after the master's degree was earned and within six years of the awarding of the diploma. The sixth year planned program of study requires at least 30 graduate credits with a minimum of 15 credits in 600 level courses as approved by the department in which the student is enrolled.

Sixth Year Diploma: Specialization in the Art of the Oral Tradition

Dr. Gwendolyn Nowlan, Program Coordinator
Tel. (203) 392-5711. E-mail: nowlang1@southernct.edu

The mission of the specialization in the Art of the Oral Tradition is to provide teachers, librarians, educators and other professionals with an advanced level of expertise in the art and application of the oral tradition. This sixth year program is designed to provide unique opportunities for students to focus on historic, sociological, anthropological, multicultural, and evolutionary aspects of the oral tradition. The refinement of the oral tradition as a transformational discipline will enable teachers and other professionals to more fully develop skills critical in today’s multicultural environments. A master's degree is required for admission to the Art of the Oral Tradition specialization. All credits for the sixth year must be taken after the master's degree was earned and within six years of the awarding of the diploma.

Programs will be individually planned with consideration of the students’ educational background, experience, and career objectives. The sixth year planned program of study requires at least 30 graduate credits with a minimum of 15 credits in 600 level courses as approved by the department in which the student is enrolled.

Required Courses (6 credits)
Two library science courses are required of all students in this specialization:
- ILS 670 – History and Development of the Oral Tradition
- ILS 685 — Field Project

Sixth Year Diploma: Specialization in Information Studies

Dr. Jane M. McGinn, Program Coordinator
Tel. (203) 392-5086. E-mail: mcginnj1@southernct.edu

The mission of the specialization in Information Studies is to provide an advanced educational program leading to a sixth year professional diploma which meets the formal continuing education and specialization needs of library and information professionals. A master’s degree in library science or information science is required for admission to the Information Studies specialization.
A program will be individually planned with consideration of the student's educational background, experience, and career objectives. Programs also will encourage interdisciplinary course work, action research, and problem solving. Further, programs will accommodate a student’s need to enroll in courses missed in the fifth year of study, but which are considered essential to current development. The sixth year is a 30-credit program in which a minimum of 15 graduate credits must be 600 level courses.

Required Courses (6 credits)
Two library science courses are required of all students in this specialization:
- ILS 685 — Field Project - An action research project in which the student investigates a significant problem in an institution and develops a strategy for change.
- ILS 600 — Independent Study - For the advanced student with a background in library science who wishes to explore in-depth a related topic outside the current courses in the ILS curriculum.

Library Information Studies Specialization (9-15 credits in ILS 600 level courses)
Students select an area of specialization from among several available, including: management, technical services, user services, urban librarianship, and instructional technology.

Interdisciplinary Cognate Area (9-15 credits)
A concentration of courses related to the area of specialization and to student career goals is an integral part of a planned program. Areas of study include the sciences, humanities, social sciences, curriculum and foundations, research, special education, and urban studies. Up to 15 credits of 500 level courses may also be elected when appropriate.

INFORMATION AND LIBRARY SCIENCE COURSES
Courses in the MLS program
Courses are scheduled irregularly unless otherwise noted.

- ILS 501 — Introduction to Information Science and Technology
Principles and applications of computers and information technologies in libraries and information centers. Scheduled fall and spring semesters. 3 credits.

- ILS 503 — Foundations of Librarianship
The development structure and function of library/information agencies. Scheduled fall and spring semesters. 3 credits.

- ILS 504 — Reference and Information Resources and Services
General reference sources: their content, evaluation and use. The reference process and the organization of reference and information services as they relate to different types of libraries. Lab in online retrieval. Scheduled fall and spring semesters. Pre/corequisite: ILS 501 and ILS 503. 3 credits.

- ILS 506 — Information Analysis and Organization

- ILS 511 — Materials and Services for Children
Types of newer materials needed to build public and school library collections. Problems in selecting and building collections are discussed. Prerequisite: ILS 504. Scheduled fall semester. 3 credits.
ILS 512 — Materials and Services for Adolescents
The needs, interests, and motivation of young people as related to their reading are examined through a critical study of the novel, drama, and poetry suitable for the adolescent level. Scheduled spring semester. Prerequisite: ILS 504. 3 credits.

ILS 514 — Material and Services for Adults
Library materials and the methods of reader's advisory and adult education use to develop maturity in reading, viewing and listening. Reading interests are studied as well as individual and group educational methods. Prerequisite: ILS 504. Scheduled fall semesters. 3 credits.

ILS 515 — Library Service to Special Groups
An examination of the information needs of special groups and the role of the library in serving the underserved. Includes service to the institutionalized, blind, physically handicapped, and others. Prerequisite: ILS 504. Scheduled spring semesters. 3 credits.

ILS 517 — History of Children's Literature
Study of materials which have lasted over the years and examination of periodic trends and social patterns which produced them. Emerging types of children's writing and major authors are considered. Scheduled spring semesters. 3 credits.

ILS 518 — History of Books and Printing
A study of the history of books and printing, including papermaking, printing, binding, and book illustration. Scheduled fall semesters. 3 credits.

ILS 519 — Acquisitions and Development of Library and Information Resources

ILS 521 — Children's Services in the Public Library
Planning, implementation and evaluation of public library services for infant to age 12, with emphasis on program planning. Prerequisite: departmental permission. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

ILS 522 — Young Adult Services in the Public Library
Planning, implementation and evaluation of public library services for young adults with emphasis on program planning. Ages 13 through 18 is the target audience. Co-requisite: ILS 512. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

ILS 530 — Information Systems Analysis and Design
An introduction to systems analysis in libraries. Includes flow charting, form design and control, time and cost analysis, sampling, and automation. Prerequisites: ILS 501, ILS 503 and 506. Scheduled fall semester. 3 credits.

ILS 531 — Indexing and Abstracting
Theoretical and practical aspects of the organization of information in documentation systems. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled spring semesters. 3 credits.

ILS 532 — User-Centered Database Design and Development
An introduction to the theories and principles of database design. Theories and principles will be used to design database systems based on practical library information problems. Students will be taught to use a database development software system. Prerequisites: ILS 501 or departmental permission. 3 credits.

**ILS 534 — Library Automation**
An overview of automation with emphasis on computer assisted library processes: subsystems in technical services, user services, administrative services. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled fall semesters. 3 credits.

**ILS 535 — Resource Sharing and Library Networks**
An examination of the impact of cooperation, consortia, and networks on the library/information field: developments, network characteristics, problems, and issues. Converging technologies and implications for emerging trends for information professionals are examined. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled spring semesters. 3 credits.

**ILS 537 — Information-Seeking Behavior**
How people acquire, store and use information they receive from their environment. Topics include behavioral, cognitive, and affective aspects of information-seeking. Applications to information systems and user instruction. Prerequisites: ILS 501, ILS 504, ILS 506 or departmental permission. Scheduled fall semesters. 3 credits.

**ILS 538 — Computer-Mediated Communications**
A reading-intensive course on computer-mediated communication (CMC) and its applications in the dissemination of information and delivery of information services. In the context of existing theoretical frameworks and CMC research findings, the course reviews the advantages and disadvantages of CMC technologies as well as the long-term implications of CMC for the information professions. Prerequisites/corequisites: ILS 501, ILS 503, and ILS 504. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 539 — Multimedia Interface Design**
An orientation course in the design and evaluation of effective human-computer interfaces. Prerequisite: basic knowledge of computers. 3 credits.

**ILS 542 — Management Information Systems in Libraries**
Definition, description, structure, and components of management systems. Overview of computerized management support systems, including transaction processing systems, data processing systems, decision support systems, expert systems, executive information systems, neural networks, and artificial intelligence. The application of these information systems to library and information services. Strategies for achieving a successful information system. Selection and implementation of appropriate management information systems packages. Prerequisites: three of the five core courses and at least 18 credits in library science and instructional technology. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 560 — College and University Libraries**
Organization and administration of academic libraries. The role of libraries in research and the relationship of academic libraries to curricula, students, faculty, and administration. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled fall semesters. 3 credits.
ILS 561 — Public Libraries
Organization, administration, and services of municipal, county, and regional libraries. Basic developments and trends are considered. The role of public libraries as educational institutions is examined. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled fall semesters. 3 credits.

ILS 562 — School Library Media Centers
The school LMC is examined in the context of modern educational systems. Organization, administration, and services are discussed. Prerequisite: ILS 503 or departmental permission. Scheduled fall and spring semesters. 3 credits.

ILS 564 — Special Libraries and Documentation Centers
The aims, organization, administration and services of special libraries. Examples are drawn from those that are unique to interests of students. Prerequisite: ILS 504. Scheduled spring semesters. 3 credits.

ILS 565 — Library Management
An examination of the general principles and practices of library management. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled fall semesters. 3 credits.

ILS 566 — Library Personnel Management
An examination of the sub-area of general management concerned with manpower resources: recruitment, selection, placement, training, and development of human resources within the organization. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

ILS 568 — Library Public Relations
A study of Library Public Relations and its concomitant activities. The design of a public relations program for a specified agency. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled once each year. 3 credits.

ILS 570 — Utilizing Instructional Media
Workshop in the effective use of computer based instructional media including the planning, selection and production of materials. Prerequisite: basic computer skills or permission of instructor. Scheduled fall and spring semesters. 3 credits.

ILS 575 — Instructional Design Principles
Introduction to the principles of the systematic application of instructional design. Critique of current and alternative instructional design models. 3 credits.

ILS 581 — School Media Specialist Practice
A professional work experience in a school media center with a B.E.S.T. trained school media specialist. Departmental permission required. Scheduled fall and spring semesters. 6 credits.

ILS 582 — Library Science Practice
A professional work experience in an academic, public or special library. By arrangement. Prerequisite: 12 credits in library science. Scheduled fall and spring semesters. 3 credits.

ILS 585 — Field Project
An action research project in which the student investigates a significant problem in an institution and develops a strategy for change. By arrangement. Prerequisite: 12 credits in library science and a course in research methods. Scheduled fall and spring semesters. 3 credits.

ILS 593 — Reader’s Advisory Services
An overview of the methods and resources for implementing programs geared to patrons seeking help in selecting materials relevant to their reading interests. Prerequisites: ILS 501, 503, and 504. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 599 — Special Topics. (1-6 credits)**
Scheduled any semester as needed to explore new course topics.

**ILS 600 — Independent Study**
For the advanced student with a background in library science who wishes to explore in-depth a related topic outside the current courses in the ILS curriculum. By arrangement. Prerequisite: 12 graduate credits in library science and departmental permission. Scheduled fall and spring semesters. 3 credits.

**ILS 604 — Advanced Reference Materials and Services**
Special works of reference and foreign publications are examined in relation to the communications needs of specialized groups. Demonstrated competence in bibliography and ability to handle reference questions involving search techniques required. Lab in on-line retrieval. Prerequisite: ILS 504. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 606 — Advanced Cataloging and Classification**
Cataloging of serials and special materials; new concepts of descriptive and subject cataloging, organization of technical services, role of the cataloger in interpreting the collection. Special problems with D.D.C. and L.C. schedules, Sears and L.C. subject headings. Lab in on-line retrieval. Prerequisite: ILS 506. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 608 — Cataloging and Development of a Digital Union Catalog for Ancient Chinese**
A course designed for distance education to experienced librarians world-wide. Special features and sources of ancient and rare Chinese books, methods for cataloging and creating a digital union catalog. Prerequisite: basic cataloging experience or courses and knowledge of Chinese language and history. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 615 — Humanities — Literature and Sources**
An introduction to reference sources in the humanities: religion, philosophy, literature and performing and visual arts. Evaluation and selection of reference sources, institutions, societies, periodicals, major collections and their relative importance to each discipline will be considered. Prerequisite: ILS 504. Scheduled irregularly. 3 credits.

**ILS 616 — Social Sciences — Literature and Sources**
Advanced course in subject analysis and use directed toward strengthening command of resources in this major subject area. Course surveys both history and recent developments. Prerequisite: ILS 504. Scheduled irregularly. 3 credits.

**ILS 617 — Science-Technology — Literature and Sources**
The development and contemporary organization of bibliographic sources and services in science and technology are examined. Lectures and class discussions examine the role of science and technology information centers, utilizing a variety of conventional library resources, as well as the innovative online database services. A representative selection of these resources and services will be cited in classroom demonstrations and
exercises. Prerequisite: ILS 504. Scheduled irregularly. 3 credits.

**ILS 618 — Business Information — Literature and Sources**
Advanced courses in subject analysis and use are directed toward strengthening command of resources in these major areas. Courses survey both history and recent developments. Prerequisite: ILS 504. Scheduled irregularly. 3 credits.

**ILS 619 — Medical Bibliography and Libraries**
Literature resources in medicine and the health sciences, including library organization and services. Lab in MEDLARS databases. Prerequisite: ILS 504. Scheduled irregularly. 3 credits.

**ILS 620 — Legal Bibliography and Libraries**
Survey and evaluation of legal resources, with emphasis on bibliographical sources, methods of legal research, acquisition program, cataloging, and classification, and use of related materials. Prerequisite: ILS 504. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 621 — Government Publications**
Study of city, state, and federal documents and those of selected international agencies. Problems of acquisition, organization, and use of such collections in various types of libraries. Prerequisite: ILS 504. Scheduled irregularly. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 642 — Management of Electronic Resources and Services**
Management and operation of electronic information resources and services in library and information centers. Selection and integrating system options; finance and budget; staff and end-user training; search strategies; database publishers and vendors; hardware/software; measurement/evaluation and future planning. Prerequisites: ILS 501, ILS 506, ILS 504. Scheduled irregularly, usually once during fall or spring semesters. 3 credits.

**ILS 650 — Preservation of Library Materials**
The fundamentals of materials preservation in libraries and other information centers. Prerequisites/corequisites: ILS 501 and ILS 503. Scheduled spring semesters. 3 credits.

**ILS 655 — Digital Libraries**
Theoretical study of and practice in designing, constructing and evaluating digital libraries. Scheduled once each year. Prerequisite: ILS 501. 3 credits.

**ILS 656 — Information Architecture**
An in-depth study of the concepts and practices of information architecture (IA). Students will read the existing literature related to IA and build complex web sites to address issues specific to information and library science based on current best practices. Prerequisites: ILS 501 or good working knowledge of html with departmental permission. 3 credits.

**ILS 680 — Evaluation and Research**
Principles and methods of evaluation and research are systematically reviewed. Major research undertakings are considered, as well as landmark studies. Prerequisite: 24 credits in library science or instructional technology. Scheduled fall and spring semesters. 3 credits.

**ILS 685 — Field Project**
An action research project in which the student investigates a significant problem in an institution and develops a strategy for change. (By arrangement.) Prerequisite: 12
graduate credits in library and information science and a course in research methods. 3 credits.

**ILS 693 — Issues in School Library Media Centers**
An overview of major issues, problems, and trends facing school library media centers and library media specialists. National, state, regional and local perspectives facing school library media centers will be examined. Prerequisite: ILS 562 or experience as a school library media specialist. Scheduled irregularly. 3 credits.

**ILS 695 — Online Information Retrieval**
An overview of major online systems providing resources and services to information users. Participants develop basic skills in online information retrieval. Scheduled fall semesters. 3 credits.

**EDU 566 — Media Utilization and Curriculum**
The curriculum of the modern school is examined. Principles and methods of evaluation, selection, and utilization of media are related to curriculum and personal needs of children and youth. Prerequisites: ILS 562 or EDF 520 or departmental permission. Scheduled fall semester. 3 credits.

**INSTRUCTIONAL TECHNOLOGY COURSES**
Courses in the MS Program

**ITC 571 — Designing Instructional Software**
Techniques of designing instructional software. Introduction to appropriate epistemology and design process. Prerequisite: basic knowledge of computers or permission of instructor. 3 credits.

**ITC 582 — Instructional Technology Practice**
A professional work experience in the field. By arrangement. Prerequisite: 12 credits in instructional technology. 3-6 credits (only 3 credits applicable toward degree).

**ITC 585 — Field Project**
An action research experience in which the student investigates a significant problem in an institution and develops a strategy for change. By arrangement. Prerequisite: 12 credits in instructional technology and a course in research methods. 3 credits.

**ITC 590 — Instructional Technology Portfolio Development Seminar**
In this seminar, advanced Instructional Technology students will design a completed instructional design project for an actual client. The project must address a real-world instructional problem and contain evidence of the student’s successful application of at least two of the five components of the instructional systems development (ISD) process: analysis, design, production, evaluation, and implementation/management. This project may be a continuation of a project started in an earlier course (i.e. ITC 571 or 576). Prerequisites: ITC 500, ILS 575, and 27 credits in the program. 3 credits.

**ITC 600 — Independent Study**
For the advanced student whose background in instructional technology indicates that independent study would be profitable. By arrangement. Prerequisite: 12 credits in instructional technology and department permission. 3 credits.

**ITC 683 — Distance Learning Institute**
Examination of existing and future innovative approaches to distance learning. Methods, technologies, and research models will be addressed. 3 credits.
ART OF THE ORAL TRADITION COURSES
Sixth Year Diploma program

ILS 670 — History and Development of the Oral Tradition
History and development of the oral tradition will be traced from the earliest storytellers. Folklore, fables, parables, legends, fairy tales, sagas, tall tales, folk songs and other storytelling formats will be studied and examined. 3 credits.

ILS 671 — Integrating the Oral Tradition into the Elementary Curriculum
An introduction to the literature of the oral tradition and the theoretical and practical elements of the oral tradition as it applies to the contemporary elementary curriculum. 3 credits.

ILS 672 — Integrating the Oral Tradition into the Middle and High School Curriculum
An introduction to the literature of the oral tradition and the theoretical and practical elements of the oral tradition as it applies to the contemporary middle and high school curriculum. 3 credits.

ILS 674 — Storytelling in Art and Legend
The history and meaning of fairy tales will be examined with a focus on storytelling in art and legend. 3 credits.

ILS 675 — Storytelling Art and Technique
The focus of this course will be on performance techniques and the development of personal storytelling styles and repertoires. Prerequisites: ILS 690 and ILS 670 or departmental permission. 3 credits.

ILS 676 — Integrating Enhanced Learning Techniques and Movement into the Oral Tradition
This experiential course offers the library media specialist a learning readiness program that uses simple integrative movements, and storytelling techniques from the Oral Tradition, to facilitate whole brain learning and enrich the contemporary elementary school library media program and curriculum. 3 credits.

ILS 678 — History and Development of the Folktale in Oral Tradition
The focus of this course will be on the history, evolution, and synthesis of folklore and folktale tradition into multicultural environments and culture. Prerequisites: ILS 690 and ILS 670 or departmental permission. 3 credits.

ILS 679 — The Oral Tradition in Ancient and Modern Mythology
An examination of the historical and cultural importance of myth in the development of the oral tradition. Prerequisite: ILS 670. 3 credits.

ILS 681 — Storytelling and Social Change
Exploration of the diverse applications of storytelling as a communication tool and catalyst for social justice and change. 3 credits.

ILS 682 — Storytelling Methods for the Elementary Curriculum
An introduction to theoretical and practical methods and adaptations of storytelling techniques designed for the elementary curriculum. 3 credits.

ILS 684 — The Historical and Cultural Integration of Music and the Oral Tradition
The historical and cultural importance of music will be examined in the context of the evolution of the oral tradition. 3 credits.

ILS 690 — Storytelling Institute
An examination of the history and art of storytelling. Existing and innovative approaches to storytelling are addressed. Scheduled summer and wintersession. 3 credits.

**ILS 691 — Multicultural Storytelling Institute**
An examination of the applications of storytelling to the elementary and secondary curriculum. Scheduled spring break and summer semesters. 3 credits.

**ILS 694 — Storytelling and Character Education**
Exploration of the use of storytelling for the development of values and ethics in character education. 3 credits.

The following courses have been approved but are not scheduled for 2006-2007.

**ITC 500 — Instructional Technology Foundations**
**ITC 572 — Administering Instructional Media Services**
**ITC 573 — Planning Cable Television Productions**
**ITC 578 — Introduction to Video Production**
**ITC 673 — Video Studio Production**
**ITC 677 — Multi-Image Programming**
**ILS 651 — Preservation of Digital Media**
**ILS 677 — Fostering the Multiple Intelligences through the Oral Tradition**
**ILS 693 — Issues in School Library Media Centers Institute**
INTERDISCIPLINARY COURSES

IDS 504 — Integrating Multicultural Arts into the Classroom
This workshop will provide ways for the classroom teacher to achieve total integration of the arts in the classroom and will facilitate the discovery of critical culture-specifics of a wide range of world cultures through special lectures and presentations, demonstrations, and hands-on activities. 3 credits.

IDS 506 — Techniques in Special and Regular Education Instruction
Utilization of instructional techniques with both regular and special populations of children in inclusive settings. Philosophical, methodological, and problematical issues will be examined. Strategies for accommodation and modification of curriculum will be presented. 3 credits.

IDS 508 — Enhancing the Learning Process through the Creative Arts
This course is designed to assist teachers at all levels in methods of integrating music, drama, dance, and art into the classroom curriculum. 3-6 credits.

IDS 516 — Interprofessional Leadership for Family and Community Partnerships
This seminar will focus on current policy and systems affected by the “devolution revolution” and the related movement toward community-linked service integration strategies and family partnerships. 3 credits.

IDS 553 — Grant Writing and Funding Sources
A practical course on finding grant money, researching and writing grant proposals and preparing the required applications. Each student will prepare and submit a grant proposal to a potential funding source. Scheduled fall and spring semesters. 3 credits.

IDS 559 — Educational Applications of Adaptive Technology
Why, when, and how adaptive technology can be used to aid individuals with a variety of handicapping conditions (e.g. severe physical impairments, learning disabilities, blind/low vision). Prerequisite: departmental permission. 3 credits.

IDS 562 — Child Abuse: An American Problem
The concerns and issues of child abuse and how to assist abused children and their families. 3 credits.

IDS 571 — Science Lab Practice
Hands on laboratory preparation to help teachers develop skills and background in the use of various laboratory techniques. 3 credits.

IDS 573 — Creativity
The development of teaching strategies and school organizational patterns that foster students’ potential for creative thought. 3 credits.

IDS 589 — Enhancement of Learning Through Humor
This course concentrates on use of verbal and non-verbal techniques of humor by teachers of all grades, both regular and special education. Instructional techniques and therapeutic value of laughter explored experientially and in theoretical literature. 3 credits.

IDS 597 — Contemporary Issues: Interdisciplinary Teaching and Learning — An Internet Based Course
Interdisciplinary teaching and learning in K-12 schools, including team-teaching across disciplines, leadership, inclusive and culturally sensitive classrooms, technology.
Students participate together in classroom activities as well as virtually with other students worldwide. A home computer internet connection is convenient but not mandatory. Scheduled fall and/or spring semesters. 3 credits.

The following courses have been approved but are not scheduled for 2006-2007.
IDS 546 — Environmental Studies Institute
IDS 551 — Field Course in History and Geography of Connecticut
IDS 555 — Mainstreaming: Preschool Musical Experiences
IDS 560 — Environmental Issues and Strategies.
MARRIAGE AND FAMILY THERAPY

LYNCH, J. EDWARD, Chairperson, Associate Professor; B.A., Providence College; M.S., Millersville State College; M.S., Southern Connecticut State University; Ph.D., Heed University. Tel. 392-6414. E-mail: lynchj1@southernct.edu

LYNCH, BARBARA, Professor; B.S., Central Connecticut State University; M.S. and Sixth Year Diploma, Southern Connecticut State University; Ph.D., Heed University

CARROLL, SUZANNE, Assistant Professor; B.A., Dickinson College; MFT, Southern Connecticut State University; Ed.D., University of Sarasota

APPLICATION DEADLINE:
Rolling admissions

MASTER OF FAMILY THERAPY DEGREE

The Marriage and Family Therapy Training Program at Southern Connecticut State University is accredited by the Commission on Accreditation for Marriage and Family Therapy Education of the American Association for Marriage and Family Therapy. This training program meets the educational requirements necessary to proceed toward appropriate licensing by the State of Connecticut. The program offers a comprehensive training experience directed toward meeting theoretical and clinical standards expected of prospective licensed marriage and family therapists.

Students are admitted to the program from various undergraduate academic backgrounds. Applicants are expected to enter the program with a background in general psychological studies of at least nine credits. While deficits in these areas may be met on the graduate level they will add to the minimum 63 credit requirements of the basic program. In addition, preference will be given to those prospective students who offer a rich background in life and work experiences.

Within the program, the student will progress in three major areas: 1) General professional requirements include theoretical courses consistent with COAMFTE requirements, and the regulations for licensure of the State of Connecticut. These specific core courses are centered on a thorough understanding of the theory and practice of structural family therapy along with other major theories of brief marriage and family therapy practice. In addition, the program has a strong focus on the self of the therapist with assignments and attention placed on personal and professional attributes. 2) Five hundred (500) hours of clinical experience are accrued in outside clinical internship settings and in the department's Marital and Family Therapy Clinic. Students are expected to have group and individual supervision in the ratio of one hour of supervision for every 5 hours of therapy. A minimum of 50 hours of the required 100 hours of supervision must be on raw data, either videotapes, audiotapes, or live supervision. The State of Connecticut regulations mandate all clinical hours to be completed in a maximum of 24 months along with the requirement that interns be in their placement for a minimum of 12 consecutive months. The department's Marital and Family Therapy Clinic has been in operation since 1979 and treats individuals, couples, and families referred by a variety of state and private agencies. 3) A required one year concentration in Gestalt therapy gives the student experiential, theoretical and practical knowledge in working with individuals and groups from a present-centered active model.

Entrance requirements include applications, references, group and individual interviews, and transcripts of all previous academic work. The program begins with course work in June, September, and January of each year and requires all prospective candidates to complete the application process. The required departmental applications
and reference forms may be downloaded from the departmental Web site (www.southerncst.edu/departments/mft/).

Graduates are eligible for associate membership in AAMFT and secure employment in various settings which include community mental health facilities, youth service agencies, and hospital out-patient clinics as well as domestic violence programs, private practice, substance abuse programs, and youth service programs. The student population contains individuals from all sections of the United States with a majority of Connecticut residents. In addition, each year there are a small number of international students.

All programs will be planned according to the following general outline:

MFT 561 — Structural Family Therapy Theory
MFT 562-563 — Marriage and Family Therapy Practicum I, II, (6 credits)
MFT 586 — Family and Individual Development Over the Life Cycle
MFT 587 — Family Therapy Outcome Research
MFT 588 — Family Assessment
MFT 597 — Family of Origin
MFT 598 — Family Systems Theory I
MFT 620 — Professional, Legal and Ethical Issues in Marriage and Family Therapy
MFT 658 — Topics in Family Studies
MFT 661 — Marital Systems and Couples Therapy
MFT 662-663-664 — Marriage and Family Internship I, II, and III
MFT 668 — Family Systems Theory II
MFT 505-509 — Gestalt Therapy Training (15 credits)
MFT 603-604 — Gestalt Therapy Training Internship I and II (Optional - 2nd year)
MFT 660 — Gestalt Family Therapy
MFT 600 — Independent Study (Optional and additional for students seeking to explore a topic in-depth)

State licensure also mandates the inclusion of the following course:
PCH 546 — Contemporary Issues in Substance Abuse

It is understood that student continuance in the Marriage and Family Therapy program is contingent upon positive on-going faculty evaluation of academic performance in real and/or simulated professional training situations, and on the appropriateness of responses, attitudes, and behaviors consistent with the AAMFT Code of Ethics and with the standards of acceptable Marriage and Family Therapy practices.

MARRIAGE AND FAMILY THERAPY COURSES

MFT 561 — Structural Family Therapy Theory
A thorough study of Structural Family Therapy Theory including basic factors such as boundaries, hierarchy, sub-systems, coalitions, etc. including specific structural intervention strategies. Videos and live families are observed. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits.

MFT 562-563 — Marriage & Family Therapy Practicum I & II
Two hundred and fifty hours of clinical experience is required over a minimum of two
semesters. The student is expected to see individuals in therapy, conduct supervised visits, lead anger management groups, and act as a co-therapist in couples and family therapy at the department's Marital and Family Therapy Clinic. In addition, the student may begin an outside placement for a limited number of hours. A supervision group at the university affords the student the opportunity to watch live therapy from behind the viewing mirror and to be a part of the group supervision of these cases. Prerequisites: MFT 597 and departmental permission. Scheduled fall, spring and summer semesters. 3 credits.

MFT 586 — Family and Individual Development Over the Life Cycle
An in-depth study of the family life cycle including adult development, the impact of specific factors such as adoption, homosexuality, and bi-raciality at different junctures of the family life cycle; and the multifaceted, interactive nature of systemic, psychological and biological stressors associated with the transitions from stage to stage in family development. 3 credits.

MFT 587 — Family Therapy Outcome Research
Survey of research methods particular to family therapy. Highlights findings from family therapy outcome research. Students will be expected to participate in a class research project and to complete a single case experiment. Prerequisite: departmental permission. Scheduled spring semesters. 3 credits.

MFT 588 — Family Assessment
An extensive study of the assessment of family systems from a structural perspective with introductions to other models of assessment. Prerequisites: MFT 597, 598 and departmental permission. Scheduled fall semesters. 3 credits.

MFT 597 — Family of Origin
An intensive study of each student’s trans-generational family of origin. Patterns and themes are studied as systemic links between past and present interactional processes. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits.

MFT 598 — Family Theory Systems I
An overview of general systems theory, followed by an exploration of various systematic approaches to family therapy including assessments from each theory. Scheduled fall and spring semesters. 3 credits.

MFT 600 — Independent Study in Marriage and Family Therapy
Identification and investigation of a problem relevant to the field of marriage and family therapy; preparation and presentation of a scholarly document summarizing the study or research. Prerequisite: departmental permission. Scheduled irregularly. 3 credits.

MFT 620 — Professional, Legal and Ethical Issues in Marriage and Family Therapy
An examination of situations such as custody, termination of parental rights, etc., occurring in marriage and family therapy which mandate an understanding of laws and legal procedures. Scheduled spring semesters. 3 credits.

MFT 658 — Topics in Family Studies
An overview of major current topics such as eating disorders, violence, incest, and ethnicity, including treatment interventions in each instance. Prerequisite: departmental permission. Scheduled fall semesters. 3 credits.

MFT 661 — Marital Systems and Couples Therapy
Focusing on the components of the couple system, the course will cover interactional styles, the relationship developmental cycle, couples crises, assessment of the intimate relationship, therapeutic models, and intervention strategies. Students will be able to
observe a live couples group and follow one couple case in therapy throughout the semester. Prerequisite: departmental permission. Scheduled summer semesters. 3 credits.

MFT 662-663-664 — Marriage and Family Therapy Internship and Seminar I, II, III
Students work with couples and families both in an agency setting and at the Family Therapy Clinic while attending weekly supervision seminars. A total of 500 hours must be completed with a minimum of 300 of these hours being with couples and families present in the treatment room. Fifty of these hours must be accrued at the Family Therapy Clinic under direct, live supervision. Connecticut state regulations for licensure mandate that hours must be accrued in a maximum of 24 months with a minimum of 12 consecutive months in one clinical placement. Students receive individual and group supervision with a minimum of 50 hours of direct, live supervision. Prerequisite: MFT 562, MFT 563 and departmental permission. Scheduled fall, spring, and summer semesters. 1 to 15 total credits.

MFT 666-667 — Marriage and Family Supervision I, II
Advanced marriage and family students study and experience the supervision process, becoming involved in co-supervising beginning therapists with a faculty member. Prerequisite: departmental permission. Scheduled summer and wintersession. 1-4 credits.

MFT 668 — Family Systems Theory II
An advanced course focusing on an investigation of specific brief strategic models and post-modern theories and methods. Content and practice includes circular questioning, the reflecting team, the use of strategic assignments, solution focused therapy and others. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits.

The following courses represent the Gestalt Program Sequence:

MFT 505 — Gestalt Therapy Training-Introduction
Participants are introduced to Gestalt methodology and techniques, the awareness cycle, and awareness practice. Prerequisite: departmental permission. Scheduled summer semesters. 3 credits.

MFT 506 — Gestalt Therapy Training-Intermediate
This course is a continuation of the Gestalt Therapy Training from the previous semester. Gestalt therapy theory, dialogical processes, and therapist’s use of self as an instrument of change will be developed. Prerequisites: MFT 505 and departmental permission. Scheduled fall semesters. 3 credits.

MFT 507 — Gestalt Therapy Training-Advanced
Theoretical basis for Gestalt approaches, including the functions of the Gestalt therapist, contact disturbances, field theory and psychopathology. Prerequisites: MFT 506 and departmental permission. Scheduled spring semesters. 3 credits.

MFT 508 — Gestalt Theory I: Introduction to Gestalt Theory
Gestalt Therapy Theory will be developed in the process of small group supervised practicum experiences. Each student will work as a therapist, client, and observer, to develop skills and techniques as a therapist consistent with established theory. Prerequisite: departmental permission. Scheduled fall semesters. 3 credits.

MFT 509 — Advanced Gestalt Theory
Advanced work in small groups with individuals is continued with on-going supervision. The advanced development of skill and technique is achieved through
practice and feedback from supervisors. Prerequisite: departmental permission. Scheduled spring semesters. 3 credits.

MFT 603 — Internship I — Gestalt Therapy (Optional 2nd year)
Review of basic gestalt therapy techniques, theory and methodology, and how to work with personality disorders and various neurotic styles. Theory and techniques of couples work and actual work with couples will be practiced. Prerequisite: first year or equivalent and departmental permission. Scheduled fall semesters. 6 credits.

MFT 604 — Internship II — Gestalt Therapy (Optional 2nd year)
The understanding of the concepts of gestalt therapy groups, groups theory and techniques, and the practicing of working with groups as leaders and co-leaders. Prerequisite: first year or equivalent and departmental permission. Scheduled spring semesters. 6 credits.

MFT 660 — Gestalt Family Therapy
A comprehensive approach to gestalt family therapy. A study of the theory methodology and techniques of this approach. Working with families will be a part of the course as well. Prerequisite: one year gestalt theory training and departmental permission. Scheduled summer semesters. 3 credits.
MATHEMATICS

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HARTOG, MARTIN D., Associate Professor; B.A., Iona College; M.S., Ph.D., University of Wisconsin-Milwaukee; Ph.D., Ohio State University

INTARAPANICH, PICHAI, Associate Professor; B.A., Srinakarincoirot University, Bangkok; M.S., National Institution of Development Administration; M.S., Stanford University; Ph.D., University of Northern Colorado

KAVANAGH, JOHN P., Professor; A.B., Boston College; M.A., Ph.D., State University of New York at Binghamton

MUGNO, RAYMOND, Assistant Professor; B.A., Manhattan College; M.S., Ph.D., State University of New York at Stony Brook

PINCII, VALERIU, Associate Professor; B.S., M.S., University of Bucharest; Ph.D., State University of New York at Buffalo

SANDIFER, THERESA, Professor; B.S., Iona College; M.S., Ph.D., University of Massachusetts

SCHUEERMANN, JOHN, Assistant Professor; B.S., University of Pittsburgh; M.S., Ph.D., New York University

SCHULTZ, GERALD, A., Professor; B.A. Manhattan College; M.A., Fordham University

APPLICATION DEADLINE:
Rolling admissions, but students are encouraged to apply by May 1 for the fall semester and November 1 for the spring semester.

SECONDARY SCHOOL MATHEMATICS TEACHER CERTIFICATION
The certification program in secondary school mathematics is designed to accommodate a wide range of professionals. Depending upon their background, candidates in this program complete a sequence of mathematics and professional courses which will include a student teaching practicum. Courses in this program are offered each fall and spring semester in the late afternoon or evening and during the summer. Students wishing to teach under a Durational Shortage Area Permit (DSAP) must first complete a minimum of twenty-one credits of mathematics courses in the certification program, and must also pass the PRAXIS II examination in mathematics.

ADMISSION REQUIREMENTS
Please refer to the section on “Admission to Teacher Certification Programs” in the beginning of this catalog. Candidates must (1) hold a bachelor’s degree from an accredited college or university including 39 semester hours of liberal arts courses, and (2) must have a knowledge of precalculus mathematics: college algebra and
trigonometry. This latter requirement can be met by taking appropriate courses or can be waived by achieving a satisfactory score on the University Placement Examination.

Required Courses (minimum 30 credits)
MAT 150 — Calculus I
MAT 151 — Calculus II
MAT 250 — Foundations of Mathematics: An Introduction
MAT 405 — Elementary Mathematics from an Advanced Standpoint
MAT 508 — Technology Enriched Mathematics Instruction I
MAT 525 — Probability and Statistics
MAT 530 — Foundations of Geometry
MAT 573 — Algebraic Structures I
One additional mathematics course selected in consultation with the Graduate Coordinator

Candidates who have an undergraduate degree in mathematics must take at least two mathematics courses beyond calculus, selected in consultation with the graduate adviser. In addition, all candidates will need the following courses:
PSY 370 — Educational Psychology
HIS 110 or 112 — U.S. History
EDU 492 — Mathematics (Secondary School)
EDU 452 — Secondary School Student Teaching (8 credits)
EDU 453 — Student Teaching Seminar (1 credit)
EDF 520-526 — Educational Foundations Elective (3 credits)
SED 482 — Teaching Exceptional Students in the Secondary Education Classroom
SHE 203 — School Health
IDS 470 — Literacy in the Content Area (1.5 credits)
IDS 471 — English Language Learners in the Classroom (1.5 credits)

MASTER OF SCIENCE DEGREE IN MATHEMATICAL EDUCATION
The Master of Science degree in mathematical education is designed primarily for certified mathematics teachers, allowing for the scholarly study of mathematics as well as the development of skills that aid in teaching. Each applicant must complete core requirements of 21 credit hours.

Candidates must hold a bachelor’s degree from an accredited college or university and have had a minimum of 18 semester hours of undergraduate mathematics including calculus, geometry, linear and abstract algebra, probability and statistics. Deficiencies may be overcome by taking appropriate courses under advisement. A personal interview by the Mathematics Department graduate admissions committee is required.

Required Courses
MAT 508 — Technology Enriched Mathematics Instruction I
MAT 514 — Teaching Mathematics to Accelerated Students and Low Achievers
MAT 526 — Probability and Applied Statistics II
MAT 530 — Foundations of Geometry
MAT 541 — Topics in Real Analysis (4 credits)
MAT 574 — Algebraic Structures II
MAT 595 — Seminar in Mathematics Education (2 credits)

Upon completing the 21 credit-hours of core requirements, students choose one of the following plans:

**Master's Thesis**
The student completes the 6 credit-hour Thesis Seminar (MAT 590) and Thesis — 6 credits plus 3 credits of electives for a total of 30 credits.

**Comprehensive Examination**
The student completes the 30 credit-hour degree program by electing 9 credits under advisement and must pass a comprehensive oral examination.

**Special Project**
The student completes a special project plus 15 credits of electives for a total of 36 credits.

**MASTER OF SCIENCE DEGREE IN MATHEMATICAL EDUCATION WITH CERTIFICATION**
Applicants who are not certified teachers may simultaneously enroll in a planned master's degree program leading to certification to teach mathematics, grades 7-12. Candidates in this program first complete the certification requirements described above and then continue with the master's degree requirements. In order for initial certification to be elevated to professional certification, the State of Connecticut requires 30 additional credit hours of graduate study.

**MATHEMATICS COURSES**
Courses are offered on a rotating basis. A schedule is available at the Mathematics office and on the Mathematics Department website at http://www.southernct.edu/departments/math/.

**MAT 508 — Technology-Enriched Mathematics Instruction**
Techniques for using the computer and graphing calculator to augment and enhance the teaching of mathematics. Emphasis is placed on technology-enriched instruction of mathematics for students at all levels. Graphing calculator required. Prerequisite: MAT 151. Scheduled summer semesters. 3 credits.

**MAT 514 — Teaching Mathematics to Accelerated Students and Low Achievers**
Characteristics and needs of low achievers and accelerated students in mathematics, and methods of effectively teaching these two student populations. Scheduled summer semesters of even years. 3 credits.

**MAT 525 — Probability and Statistics (Certification Program)**
Descriptive statistics; introduction to probability theory; probability and sampling distributions; hypothesis testing and estimation; non-parametric tests. Scheduled summer semesters. 4 credits.

**MAT 526 — Probability and Applied Statistics II**
Linear regression and correlation, analysis of variance and applications. Scheduled fall semesters of odd years. 3 credits.

**MAT 530 — Foundations of Geometry**
An axiomatic development of Euclidean and non-Euclidean geometries. Prerequisite:
MAT 250. Scheduled spring semesters. 3 credits.

MAT 541 — Topics in Real Analysis
The real numbers as a metric space, limits in metric spaces, integration, topics in calculus of two and three variables, applications. Prerequisite: MAT 151 and admission to M.S. program in mathematical education. Scheduled fall semesters of even years. 4 credits.

MAT 560 — Topology
Metric spaces and fundamental concepts, topological spaces, subspaces and product spaces, countability properties, separation properties, compactness, and connectedness. Prerequisite: MAT 250. Scheduled fall semesters of odd years. 3 credits.

MAT 573 — Algebraic Structures I (Certification Program)
Matrices and vectors; systems of linear equations; introduction to groups, rings, fields and vector spaces; linear and affine transformation. Certification only. Prerequisite: MAT 250. Scheduled fall semesters. 4 credits.

MAT 574 — Algebraic Structures II
Direct products and factor groups; ideals and factor rings; polynomial rings; extension fields; introduction to Galois theory. Prerequisite: MAT 573 or one semester each of linear algebra and abstract algebra at undergraduate level. Scheduled spring semesters of even years. 3 credits.

MAT 590 — Thesis Seminar
Research and writing of the thesis in the area of concentration, under the direction of a mathematics department faculty member. For specific details, consult the chairperson or graduate coordinator of the department. Prerequisite: departmental permission. 6 credits.

MAT 595 — Seminar in Mathematics Education
Current issues in mathematics education. Scheduled summer semesters of odd years. 2 credits.

MAT 600 — Independent Study
Provides qualified students with an opportunity for independent study and careful discussion from an advanced standpoint of selected topics in mathematics. Prerequisite: departmental permission. 1-3 credits.

The following course has been approved but is not scheduled for 2006-2007.
MAT 518 — Technology-Enriched Mathematics Instruction II
NURSING

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CRUTCHLOW, EILEEN, Graduate Program Coordinator, Associate Professor; B.S.N., Seton Hall University; M.S.N., The Catholic University of America; M.S.N., Pace University; Ed.D., Teachers College, Columbia University. Tel. (203) 392-6489. E-mail: crutchlowe1@southernct.edu

BOCHAIN, SHELLEY, Associate Professor; B.S., M.S., University of Connecticut; Ph.D., University of Rhode Island

GIROUARD, SHIRLEY, Associate Professor; B.A., Eastern Connecticut State University; M.S.N, Yale University; Ph.D., Brandeis University

KILLION, SUSAN J., Professor; B.S.N., University of Evansville; M.S., University of Connecticut; J.D., University of Bridgeport

MADARA, BERNADETTE, Associate Professor; B.S., St. Anselm College; M.S., University of Tulsa; M.S.N., Sacred Heart University; Ed.D., Teachers College, Columbia University

SANTAVENERE, OLIVE, Associate Professor; B.S., M.S., University of Hartford; M.S.N., University of Massachusetts; Ph.D., University of Connecticut

WAGNER, LINDA, Associate Professor; B.S., Western Connecticut State University; M.S., University of Pennsylvania; Ed.D., University of Hartford

APPLICATION DEADLINE:
Rolling Admissions

Accredited by the Commission on Collegiate Nursing Education, the Department of Nursing offers a graduate program leading to the master of science degree in nursing education and family nurse practitioner. In addition, a family nurse practitioner certificate program is offered for professional nurses who already hold a master’s degree in nursing. Full or part time study is available.

Both the education and the family nurse practitioner track consist of 45-48 credits divided among the following areas: core courses, 24 credits; role preparation, 18 credits; and either thesis advisement, 6 credits or special project, 3 credits. The family nurse practitioner certificate is 27 credits.

Students have the option of completing either a thesis or special project to complete program requirements. The option selected will be determined when initially signing the specific Plan of Study for the program.

NOTE: If course requirements are not completed for Nursing 590 or Nursing 592 by the end of the semester, a grade of "Q" will be assigned. Students must then repeat the course the next time it is offered.

MASTER OF SCIENCE DEGREE IN NURSING EDUCATION OR FAMILY NURSE PRACTITIONER

Upon completion of the Master of Science Degree or post master’s FNP Certificate Program, the graduate will be prepared to:

- Use nursing theory and specialized knowledge in the functional roles of Nurse Educator or Family Nurse Practitioner.
- Synthesize concepts from nursing, education, and other disciplines to influence
professional practice.
• Provide leadership within nursing and the health care delivery system for the improvement of client care.
• Conduct and/or use research which contributes to the development of the discipline of nursing.
• Continue professional growth through continuing education, specialty certification, and/or doctoral study in nursing.

ADMISSION REQUIREMENTS
Applicants are required to have a 2.8* quality point ratio in their baccalaureate program in nursing. Applicants must have completed undergraduate courses in statistics, nursing research methods, and health assessment. The applicant must submit a copy of current R.N. licensure and two professional letters of reference. A minimum of one year of professional nursing experience is required. The applicant must appear for a personal interview at the Department of Nursing. In keeping with University policy, the program of study is to be completed within six years beginning with the first graduate course applied to the program of study.

All master's degree candidates must demonstrate competency in health assessment prior to taking their first clinical course. All candidates will be assessed by a departmental measurement.

*Candidates for the graduate program must achieve an acceptable score on the Miller Analogies Test or on the verbal or analytic sections of the Graduate Record Exam. Individual consideration will be given to those whose Q.P.R. and/or GRE/MAT scores approach but do not reach these criteria.

The Bridge Program is designed for RNs with baccalaureate degrees in fields other than nursing. The Bridge Program provides a special course of study which qualifies students to apply to the Master of Science Degree in Nursing. The program offers a flexible selection of options to accommodate individual learner needs including achievement testing, traditional classes, and select on-line offerings. If qualified, an acceptable score on the NLN Comprehensive Achievement Test for Baccalaureate Students can be substituted for course work.

RETENTION/PROGRESSION
The student must maintain a minimum 2.7 grade point average each semester to remain in the program. All other University policies with regard to retention and graduation are applicable to the Nursing program. A grade of “C” or above must be achieved in each nursing course or the course must be repeated. All prerequisite requirements must be strictly adhered to for courses. A course must be repeated if a grade of “C-” or below is received in a prerequisite before advancing to the next course. A nursing course may be repeated only once, and a grade of “B” or 3.0 must be achieved. Each grade is included in the grade point average. Failure to receive a grade of “B” or 3.0 or higher when a course is repeated, or if at any time the grade point average falls below 2.7, automatic academic dismissal will result.

Core Courses Required of all tracks — 24 credits
NUR 500 — Nursing Theories and Conceptual Models — 3 credits
NUR 506 — Health Care Organizations, Systems and Policy — 3 credits
NUR 512 — Principled Nursing Leadership — 3 credits
NUR 516 — Healthcare Informatics for Nursing Practice — 3 credits
NUR 519 — Research in Nursing — 3 credits
NUR 526 — Health Assessment for Advanced Nursing — 3 credits
NUR 527 — Pathophysiological Basis for Pharmacological Therapies I — 3 credits
NUR 528 — Pathophysiological Basis for Pharmacological Therapies II — 3 credits

EDUCATOR TRACK — 18 CREDITS
Role courses
NUR 520 — Curriculum Development and Teaching in Nursing — 3 credits
NUR 523 — Advanced Clinical Practice — 6 credits
NUR 537 — Role of Nurse Educator — 6 credits
NUR 540 — Legal Issues in Health Care — 3 credits

FAMILY NURSE PRACTITIONER TRACK — 18 CREDITS
Role courses
NUR 534 — Role of the Family Nurse Practitioner I — 6 credits
NUR 535 — Role of the Family Nurse Practitioner II — 6 credits
NUR 536 — Role of the Family Nurse Practitioner III — 6 credits

Thesis or special project selection for education and nurse practitioner
Thesis — 6 credits
NUR 590 — Thesis Seminar
NUR 591 — Thesis Guidance

Special Project — 3 credits
NUR 592 — Special Project in Nursing

FAMILY NURSE PRACTITIONER CERTIFICATE PROGRAM — 27 CREDITS
A certification program is offered for registered nurses who already hold a master’s degree in nursing. The Family Nurse Practitioner (FNP) certificate program provides the opportunity for these nurses to gain additional specialization by a sequence of master-level courses (21-24 credits) that qualify candidates to take the nurse practitioner certification examination.

NUR 526 — Health Assessment for Advanced Nursing — 3 credits
NUR 527 — Pathophysiological Basis for Pharmacological Therapies I — 3 credits
NUR 528 — Pathophysiological Basis for Pharmacological Therapies II — 3 credits
NUR 534 — Role of the Family Nurse Practitioner I — 6 credits
NUR 535 — Role of Family Nurse Practitioner II — 6 credits
NUR 536 — Role of Family Nurse Practitioner III — 6 credits

NURSING COURSES
Three core courses for a total of nine credits may be taken prior to matriculation in the Master of Science in Nursing program. Matriculation in the MSN program is a prerequisite for all other nursing courses.

NUR 500 — Nursing Theories and Conceptual Models
Nursing theories and conceptual models as a framework for nursing practice. Emphasis
on theory building provides opportunity for original contributions to body of
professional nursing knowledge. Scheduled fall semesters. 3 credits.

NUR 502 — Educational Strategies in Nursing
A study of nursing’s educational role. Learning theories, curriculum development,
teaching strategies, and evaluation techniques are discussed. (For students in the
Nurse-Anesthetist program only). Scheduled fall semesters. 3 credits.

NUR 506 — Healthcare Organization, Systems and Policy
Investigates and analyzes organization, delivery and financing of health and health
care. Explores and demonstrates mastery of current access, cost and quality issues and
strategies to effect positive health and health care outcomes. 3 credits.

NUR 512 — Principled Nursing Leadership
Explores leadership theory, ethical knowledge and skills needed for advanced nursing
roles. Building upon professional education and experiences, various models, role
components and core competencies are considered. Values clarification, ethical
principles and decision-making are integrated throughout. 3 credits.

NUR 516 — Healthcare Informatics for Nursing Practice
Explores the theoretical basis and application of healthcare informatics in the
organization, delivery and evaluation of nursing and healthcare services. Evaluates
and applies core knowledge and competencies in practice, research and patient and
professional education. 3 credits.

NUR 519 — Research in Nursing
Nursing research in historical perspective; current emphasis and significance for
nursing knowledge and practice. Problem identification, sampling, study design, data
collection instruments and significance of data as related to nursing. Scheduled spring
semesters. 3 credits.

NUR 520 — Curriculum Development and Teaching in Nursing
The process of curriculum development, teaching and learning are analyzed as used
by nurse educators in faculty, staff, and patient education positions. Prerequisites:
matriculation and core courses. Scheduled irregularly. 3 credits.

NUR 523 — Advanced Clinical Practice: Nursing Interventions in Individual/Family
Health
Design and implementation of nursing interventions for individuals or families with
actual or potential health problems. Interventions are based on advanced knowledge
from nursing and other disciplines. Learning objectives and clinical placement are co-
determined by student and faculty. Scheduled irregularly. 6 credits.

NUR 526 — Health Assessment for Advanced Nursing
Building on basic physical assessment skills, students refine selected techniques and
extend their competence through the development of additional skills needed to
acquire complete health data. Students will perform advanced health examinations,
use laboratory and diagnostic studies, and interpret and document findings. The focus
of the nurse practitioner on health promotion and health restoration of individuals and
family systems is stressed. Scheduled fall semesters. 3 credits.

NUR 527 — Pathophysiological Basis for Pharmacological Therapies I
This is the first of a two semester sequence of courses which examine the relationship
of selected pathophysiology processes and pharmacological therapies used to treat
them. Application of concepts to specific role responsibilities is emphasized. 3 credits.

NUR 528 — Pathophysiological Basis for Pharmacological Therapies II
This is the second of a two semester sequence of courses examining the relationship of selected pathophysiology processes and pharmacological therapies used to treat them. Application of concepts to specific role responsibilities is emphasized. Prerequisite: NUR 527. 3 credits.

NUR 534 — Role of the Family Nurse Practitioner I
The student will apply concepts and theories of advanced nursing practice to the care of clients of all ages with common acute illnesses within the context of the family system. Appropriate collection of historical data will be integrated with the biopsychosocial evaluation of clients to develop a comprehensive plan of care. Primary care and other outpatient sites will be among practice settings used. Prerequisites: NUR 526, 527 and NUR 528. Scheduled spring semesters. 6 credits.

NUR 535 — Role of Family Nurse Practitioner II
Focus is on individuals and families experiencing chronic and/or multisystem health alterations. Clinics, ambulatory care, and private office settings provide opportunities to make comprehensive assessments, diagnose and use advanced practice nursing strategies to treat health problems. Scheduled fall semesters. Prerequisite: NUR 534. 6 credits.

NUR 536 — Role of Family Nurse Practitioner III
Case management of individuals/families with common/major health alterations is the focus of this course. Issues which commonly influence the role functioning of the family nurse practitioner are emphasized. Scheduled spring semesters. Prerequisite: NUR 535. 6 credits.

NUR 537 — Role of Nurse Educator
Practicum in role of nurse educator. Experience in faculty role, responsibilities, and curriculum implementation. Individual placement with preceptor. Prerequisite: NUR 520. Scheduled irregularly. 6 credits.

NUR 540 — Legal Issues in Health Care
Health law is used as a framework to explore interdisciplinary legal issues and dilemmas. Health care professionals from diverse areas examine how the law affects the legal rights and responsibilities of various individuals, groups, and populations. Prerequisite: departmental permission. Scheduled spring semesters. 3 credits.

NUR 590 — Thesis Seminar
Students design a research study in a selected area of nursing practice. Group seminar assists students to analyze and evaluate research design with faculty guidance. Prerequisites: Completion of 18 credits including all core courses. Scheduled fall and summer semesters. 3 credits.

NUR 591 — Thesis Guidance
Ongoing thesis guidance which is required of all students for thesis completion. Prerequisite: NUR 590. Scheduled fall and spring semesters. 3 credits.

NUR 592 — Special Project in Nursing
Students are required to complete an in-depth exploration of a significant area or issue relevant to the nursing profession. Prerequisites: completion of 18 credits including all core courses, departmental permission. A proposal must be submitted in the semester prior to the course - October 1 for the spring term and March 1 for the fall term. Scheduled fall and spring semesters. 3 credits.

NUR 600 — Independent Study
Identification and investigation of a student's special interest in the field of nursing.
Prerequisite: departmental permission. 1-3 credits.
PHYSICS

Students seeking certification to teach physics in the secondary school should meet with the department chairperson regarding physics courses, and with the coordinator of secondary school education for professional courses. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.

The University does not offer a program leading to the master's degree in physics but students pursuing the Master of Science in Science Education (Secondary) may choose their concentration in physics. Admission to that program is through the Department of Science Education and Environmental Studies. For information concerning physics courses and research opportunities in physics that are applicable toward the Master's degree in Science Education, contact Professor Karen Cummings, Physics Department advisor for students in the M.S. in Science Education. The following courses are offered every summer.

PHY 511 — Experiments and Demonstrations in Physics
A laboratory course covering the theory and operation of currently available equipment. Measurements, equipment limitations, creative use of equipment, and effective demonstrations are discussed. Two three-hour laboratories weekly. Prerequisite: departmental permission. 3 credits.

PHY 512-513 — Methods of Theoretical Physics
The development of the laws of physics in mathematical form. The application of these laws to physical problems and a discussion of the mathematical methods employed. Prerequisites: two semesters of college calculus and eighteen credits of undergraduate physics or departmental permission. 3 credits each.

PHY 520 — Physics for Nurse Anesthetists
Detailed study of the principles and their application of gases and liquids as they pertain to anesthesia. Math review, instrumentation used and basic electrical and gas handling safety practices. Prerequisites: acceptance in the M.S. in Biology - specialization in nurse anesthetist program in Bridgeport School of Anesthesia. 3 credits.

PHY 600 — Independent Study and Research
Prerequisite: departmental permission. 3 credits.

The following courses have been approved but are not currently scheduled for 2006-2007:

PHY 501 — Approaches to Physics for Secondary Schools
PHY 510 — Problems in Modern Physical Science
POLITICAL SCIENCE

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BEST, PAUL J., Graduate Coordinator, Professor; B.A., Fairfield University; M.A., Fordham University; M.S., Sixth Year Diploma, Southern Connecticut State University; Ph.D., New York University. Tel. (203) 392-5660. E-mail: bestp1@southernct.edu

APPLEWHITE, HARRIET B., C.S.U. Professor; B.A., Smith College; M.A., Ph.D., Stanford University

BUTERBAUGH, KEVIN, Associate Professor; B.A., St. Peter's College; Ph.D., Washington University

OLNEY, PATRICIA, Associate Professor; B.A., Bryn Mawr College; M.A., Ph.D., University of Miami

RAI, KUL B., Professor; B.A., M.A., Patna University, India; Ph.D., University of Rochester

WALSH, DAVID, Professor; B.A., Westfield State College; M.A., Ph.D., University of Connecticut

WEED, CLYDE P., Associate Professor; B.A., Vassar College; M.A., M. Phil., Ph.D., Columbia University

APPLICATION DEADLINE:
Rolling Admissions

MASTER OF SCIENCE DEGREE

The Department of Political Science offers a variety of courses and options leading to a master of science degree. Current options include a concentration in public policy and administration; a concentration in international politics; a major area such as American politics or comparative politics, or, a generalist program composed of a variety of political science courses.

Admission Requirements

Application materials required by the School of Graduate Studies must be submitted directly to that office. In addition, applicants are required to submit two letters of recommendation and a one page typed statement concerning their academic background and career plans to the Graduate Program Coordinator in the Political Science Department. GRE scores are required except of applicants who received their undergraduate degree more than five years prior to applying.

Required Courses for All Students

PSC 594 — Political Science: The State of the Discipline

PSC 595 — Research Methods in Political Science

Students should take PSC 594 during the first fall semester of their program and PSC 595 during the first spring semester of their program.

PUBLIC POLICY AND ADMINISTRATION CONCENTRATION

Core Courses — 12 credits

PSC 507 — Presidents, Bureaucracy, and Policy
PSC 519 — Public Personnel Administration
PSC 525 — The Federal Bureaucracy
PSC 527 — Seminar in Public Policy

Elective Courses — 6-12 credits
PSC 510 — Issues in U.S. Politics
PSC 511 — State and Local Government
PSC 514 — U.S. Public Policy
PSC 552 — Urban Politics
IDS 553 — Grant Writing and Funding Sources
SWK 584 — Non Profit Fiscal Management
URB 552 — Public Policy Analysis

Courses in other graduate programs including Urban Studies, Social Work, Public Health, and Business Economics, with approval, may be counted toward the degree requirements.

INTERNATIONAL POLITICS CONCENTRATION
Core Courses — 9 credits
PSC 520 — Nationalism and International Security
PSC 535 — Contemporary Warfare
PSC 580 — Global Politics and Policy

Elective Courses — 9 credits
Political Science courses on international and comparative politics: Asia, Europe, Russia, Field Seminar, Global Politics, Problems in International Relations, U.S. Foreign Policy, or Cold War Politics.

Each student elects one of the following options:

Master's Thesis
A student must complete 24 graduate credits and PSC 591—Thesis Seminar — 6 credits.

Comprehensive Examination
A student must complete 30 graduate credits and pass a comprehensive examination.

Special Project
A student must complete 36 graduate credits including PSC 600 — Independent Study in which a major paper will be completed.

POLITICAL SCIENCE COURSES
PSC 504 — Japan and the Western Pacific Rimlands
Analysis of the government and politics of Japan (the Great Dragon), the four little Dragons of East Asia (Korea, Taiwan, Hong Kong, Singapore) and the other industrializing states of the Western Pacific Rimlands. Scheduled spring of even years.
3 credits.

PSC 506 — Asian Communist States
Analysis of the government and politics of the communist and post-communist states of the People’s Republic of China, Vietnam, Laos, Cambodia, Mongolia and the
Democratic People’s Republic of Korea. Scheduled fall of odd years. 3 credits.

**PSC 507 — Presidents, Bureaucracy, and Policy**
An analysis of the relationships among the presidency, Congress, and the bureaucracy in making national public policies. 3 credits.

**PSC 509 — International Relations and Diplomacy**
The contemporary international political system and the factors which influence the power and behavior of the world’s principal political units. Scheduled irregularly. 3 credits.

**PSC 510 — Issues in U.S. Politics**
A study of the major issues of governance at the national level: the varying powers of the three branches, the relationships between the national and state governments, the rights of the citizen, and necessary societal limitations. Consideration is given to governmental programs, both as to their initiation and enforcement. Scheduled irregularly. 3 credits.

**PSC 511 — State and Local Government**
The development, structure, functions, and politics of American government at the state and local levels. Constitutional problems; state and local government; organizational; judicial, and financial problems; interrelationships, and positions within the federal system. Scheduled irregularly. 3 credits.

**PSC 514 — U.S. Public Policy**
Contemporary approaches to the study of policy formulation in the United States. Case studies of governmental decision-making, exercise of political power and influence, and pressure politics — and their implications for democracy. Scheduled fall semesters. 3 credits.

**PSC 515 — Contemporary American Foreign Policy**
The factors shaping contemporary American foreign policy; administration and conduct of foreign affairs; major foreign policy problems; case studies in decision making. Scheduled spring semesters. 3 credits.

**PSC 519 — Public Personnel Administration**
The personnel function in government. The civil service, merit, job evaluation, compensation and motivation, and equal employment opportunity. Scheduled irregularly. 3 credits.

**PSC 520 — Nationalism and International Security**
An analysis of the significance of nationalism, the nation-state, and anti-nationalistic movements for contemporary international security. Case studies are drawn from the regions of the world. Scheduled fall semesters. 3 credits.

**PSC 521 — Congress and Public Policy**
An analysis of the contemporary Congress as a policy maker with a focus on legislative procedures, the representative role of Congress, congressional-presidential relations, and case studies. Scheduled irregularly. 3 credits.

**PSC 522 — Foreign Policy Analysis**
An analysis of foreign policy theories and their applications through an examination of various policy analysis methods, techniques, and case studies. Scheduled irregularly. 3 credits.

**PSC 525 — The Federal Bureaucracy**
The structure of bureaucratic agencies, political aspects of bureaucratic power, federalism and intergovernmental relations, ethical issues, and bureaucratic reform are explored. Scheduled fall semesters. 3 credits.

**PSC 527 — Seminar in Public Policy**
Examination of the public policy-making process to include policy theories, models, analytical approaches, evaluation methods, and case studies. 3 credits.

**PSC 535 — On War**
An inquiry into the nature of war: philosophy of war, grand strategy, strategy, tactics, levels of warfare (from spasmodic nuclear war to low intensity conflict), military power and potential, military organization, deterrence, terrorism, C3I (command, control, communication, and intelligence) are some of the topics discussed. Scheduled spring semesters. 3 credits.

**PSC 541 — Marxist Political Thought**
The political content of the works of Marx, Engels, Lenin, Stalin and their successors and its application in the nineteenth and twentieth centuries. Scheduled fall semesters of even years. 3 credits.

**PSC 543 — The Bolshevik Revolution**
Revolutionary thought in nineteenth century Imperial Russia, rise and progress of the Bolshevik faction, the Bolshevik seizure of power, and the subsequent development of Bolshevik (Communist) internal politics in the Soviet Union up to 1985. Scheduled fall semesters of odd years. 3 credits.

**PSC 544 — Soviet/Russian Foreign Policy**
Soviet/Russian foreign policy in the twentieth century. Scheduled spring semesters of even years. 3 credits.

**PSC 545 — Soviet and Post-Soviet Governmental Systems**
Communist and post-communist governments in the former Soviet Union and East Central Europe. Scheduled spring semesters of odd years. 3 credits.

**PSC 547 — Governments and Politics of Southeast Europe**
The governments and politics of southeast-central Europe (Albania, Bulgaria, Greece, Hungary, Romania, European Turkey, Yugoslavia); the development of the Balkans as a distinct geo-political unit; the Slavic, Magyar, Romance, Greek, Shiptar and Turkic influences in the region. Scheduled irregularly. 3 credits.

**PSC 549 — Seminar in Comparative Politics**
Students with a substantial background in politics and the social sciences are given the opportunity to study in depth one foreign country or region chosen by the Political Science Department. Prerequisite: departmental permission. Scheduled irregularly. 3 credits.

**PSC 552 — Urban Politics**
The structure of government in urban areas and the nature of political power as it deals with the key problems of education, employment, housing, race and federal and state government. Scheduled spring semesters. 3 credits.

**PSC 553 — Law and Public Administration**
The legal and administrative components of the local legal system within a broad national context with special emphasis on its problems and the traditional and alternative solutions for these problems. 3 credits.

**PSC 580 — Global Politics and Policy**
Examination of the emergence of globalization and its impact on political institutions and public policy-making within and among nations with an emphasis on global cooperation and transnational policy issues. Scheduled irregularly. 3 credits.

PSC 590 — Problems in Contemporary International Relations
World politics since World War II through the study of major international developments and problems of our times. The power struggle and ideological conflict of this period, with particular focus on specific issues and areas that contribute to tension or stability. Scheduled irregularly. 3 credits.

PSC 591 — Thesis Seminar
Prerequisite: departmental permission. Always offered. 6 credits.

PSC 592 — Seminar in International Politics
An analysis of the Cold War Era and its impact on the contemporary international political order. Topics include domestic constraints and perceptions in foreign affairs, strategic-military considerations, modern weapons, and arms control. Scheduled irregularly. 3 credits.

PSC 593 — The U.S. in World Politics
Analysis of the changing problems and aspects of contemporary international politics, with special emphasis on the relations of the United States with Europe, Russia, China, the Middle East, and the Third World. Scheduled irregularly. 3 credits.

PSC 594 — Political Science: The State of the Discipline
Analysis of current issues and research questions across the subfields in political science. Required of all first year graduate students in political science. 3 credits.

PSC 595 — Research Methods in Political Science
Analysis of research methods currently used for the study of politics. Traditional, behavioral, and post-behavioral methods are discussed. Training in the writing of graduate-level theses is also provided. Scheduled spring semesters. 3 credits.

PSC 597 — Political Science Internship
A supervised public service internship at the state, local, national or international level providing practical training. Elaboration of applicable theories of public organizations. Prerequisite: departmental permission. Always offered. 3 or 6 credits.

PSC 598 — Field Study in Comparative and International Politics
Study in the field and on the spot in world areas such as Western Europe, Central Europe, East Europe and Eurasia, East Asia, Southeast Asia, South Asia, Middle East, Sub-Saharan Africa, Latin America, or in specific countries such as Japan, China, Russia, Great Britain, Germany, and Canada. This is a guided research and study course for advanced students in the social sciences. The world area or country studied in a given academic term will be determined by the availability and expertise of full-time professors in the SCSU Political Science department. This course may be taken more than once as long as a different country or area is studied. Only 6 credits may be applied to the master’s degree in political science. Prerequisite: departmental permission. Scheduled in summer semesters. 3 credits.

PSC 600 — Independent Study
Prerequisite: departmental permission. Always offered. 3 credits.
PSYCHOLOGY

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CARROLL, DEBORAH A., Associate Professor; B.S., Fairfield University; M.S., Ph.D., University of Connecticut

DURWIN, CHERYL C., Associate Professor; B.A., University of Connecticut; M.S., Ph.D., University of Massachusetts

HURLBUT, BRIAN J., Associate Professor; B.A., Florida State University; M.S., Ph.D., University of Tennessee

JACOBS, JOHN R., Professor; B.A., University of Richmond; M.A., Hunter College; M.Phil., Ph.D., City University of New York

KRAEMER, DEBORAH, Associate Professor; B.A., Rutgers University; Ph.D., State University of New York at Buffalo

MAZUR, JAMES E., Professor; A.B., Dartmouth College; Ph.D., Harvard University

NOVOSAD, CLAIRE, Assistant Professor; B.A., University of West Florida; Ph.D., University of Connecticut

SHERMAN, WILLIAM, Associate Professor; B.A., New York University; M.A., University of Connecticut; Ph.D., New York University

THOMPSON, EDWARD A., Professor; B.A., Denison University; M.A., Ph.D., University of Delaware.

VOCISANO, CARINA, Associate Professor; B.A., Bennington College; M.A., Ph.D., California School of Professional Psychology

APPLICATION DEADLINE:
The Psychology program has rolling admissions but students are encouraged to have their application files complete by June 1 for the fall semester and November 1 for the spring semester.

MASTER OF ARTS DEGREE

This rigorous, research-based Liberal Arts program leading to a Master of Arts degree is designed to develop creative problem-solving skills which will be applicable in clinical, industrial, and educational settings. Flexible enough to be completed either on a full-time or a part-time basis, it is appropriate for a wide range of candidates. For those potential doctoral candidates who cannot enter a Ph.D. or Psy.D. program at the present time, it provides a basis for later acceptance. For those who are already working in clinical, educational, or industrial settings, it offers updating credentials. The program provides ideal training for those wishing to explore their personal interest in obtaining employment in settings related to psychology. Teachers in secondary schools may use the program to prepare themselves to teach psychology in addition to their current certification. Emphasis is placed on faculty advisement to help in tailoring the program to the needs of the individual student.

ADMISSION REQUIREMENTS
Students must meet the following minimum requirements to be admitted to the program: 18 hours of psychology (graduate or undergraduate) including at least one course in statistics and at least one course in experimental psychology, an undergraduate QPR of 2.5, and an undergraduate QPR in psychology of 3.0.

Students with outstanding qualifications who do not meet the requirements above may apply. Admission may be granted by the Graduate Committee based upon evaluation of submitted credentials. Applicants may be required to strengthen their psychology backgrounds by taking certain undergraduate courses before matriculating.

To apply to the program, students must:

- submit the graduate school application to the School of Graduate Studies
- submit all college transcripts to the School of Graduate Studies
- have two letters of recommendation from academic or professional references sent to the Psychology Graduate Coordinator
- submit to the Psychology Graduate Coordinator a 300-500 word statement explaining why the applicant is interested in obtaining a master's degree in psychology, and what type of career the applicant is seeking.

There is no deadline for applications for admission in the fall or in the spring, but applicants are advised to have their files completed before June 1 for the fall semester and by November 1 for the spring semester.

**PROGRAM REQUIREMENTS**

A student may choose a program with a thesis or a comprehensive examination. In a thesis program, a minimum of 30 credits must be completed, 24 credits in course work and 6 credits in Psychology thesis. In a program involving a comprehensive examination, a minimum of 30 credits in course work and the comprehensive exam must be satisfactorily completed.

Courses Required
The following two courses are required during the first two semesters of attendance:

- **PSY 500** — Design and Analysis in Psychology
- **PSY 502** — Problems in Psychology

At least one of the following:

- **PSY 501** — Thinking and Learning
- **PSY 503** — Cognition and Memory
- **PSY 504** — Topics in Perception
- **PSY 583** — Seminar in Comparative Physiological Psychology

At least one of the following:

- **PSY 512** — Theories and Issues in Developmental Psychology
- **PSY 517** — Seminar in Social Psychology
- **PSY 526** — Theories and Research in Personality

Electives

- **PSY 527** — Abnormal Child Psychology
- **PSY 528** — Psychopathology
- **PSY 537-538** — Practicum in Clinical Psychology Services I, II
- **PSY 543** — Clinical Methods in Psychology: Cognitive Assessment
A student may elect up to 6 credits of graduate courses from related disciplines with the approval of the graduate coordinator. Not all courses will be offered each semester, but will ordinarily rotate on a two-year plan.

Thesis
Students planning to apply to doctoral programs or anticipating a career in research are encouraged to select thesis as an option.

Normally, the thesis option is granted to students who have accumulated at least fifteen graduate credits in psychology at Southern Connecticut State University with a grade point average of “B+” (3.3).

It is the candidate’s responsibility to have formulated a preliminary idea to be researched and to seek out a faculty member in the psychology department who is interested in serving as a thesis sponsor. The normal sequence is to register for thesis after securing a sponsor. The first semester is devoted to developing a proposal; after approval by the sponsor, graduate committee, and graduate dean, the thesis is then completed during the second semester. The completed thesis is reviewed for acceptance by the sponsor, department graduate committee, and the graduate dean.

Comprehensive Exam
A written comprehensive examination is required in addition to 30 credits of course work. Students should select their courses so that they are well prepared for the different sections of the exam. The comprehensive exam will be scheduled twice a year, in April and November. Students selecting this option should apply to the Graduate Coordinator no later than the second week of classes of the semester in which they intend to take the exam.

PSYCHOLOGY COURSES
PSY 500 — Design and Analysis in Psychology
Methods of scientific investigation, experimental designs and appropriate analyses of data, procedures of developing, analyzing, and interpreting original research problems, critical analysis of published research. Prerequisite: one semester of statistics and experimental psychology, and departmental permission. Scheduled fall semesters. 3 credits.

PSY 501 — Thinking and Learning
An examination of the relationships between behavior and experience. Topics include methodology, basic learning processes and parameters, theoretical interpretations, and applications to training and adjustment. Prerequisite: 9 credits of psychology. Scheduled fall semesters of odd years. 3 credits.

PSY 502 — Problems in Psychology
Current research and thinking on major issues in behavior, controversial issues and theoretical interpretations. Prerequisite: 15 credits in psychology and departmental permission. Scheduled spring semesters. 3 credits.
PSY 503 — Cognition and Memory
Associative learning, memory, thinking, and attention. Theoretical models, including statistical, cognitive, and information processing. Prerequisite: 15 credits of psychology or departmental permission. Scheduled fall semesters of even years. 3 credits.

PSY 504 — Topics in Perception
Perceptual learning, contemporary theories of perception, the origin and development of form perception, the perception of time and space and sensory processes. Prerequisite: 15 credits in psychology or departmental permission. Scheduled irregularly. 3 credits.

PSY 512 — Theories and Issues in Developmental Psychology
Current issues and research in areas such as cognitive and language development, the identification process, and socialization. Prerequisite: 15 credits of psychology or departmental permission. Scheduled irregularly. 3 credits.

PSY 517 — Seminar in Social Psychology
The organization and dynamics of social groups, the development and modification of opinions and attitudes, conformity and influence, aggression, and altruism. Prerequisite: 15 credits of psychology or departmental permission. Scheduled irregularly. 3 credits.

PSY 526 — Theories and Research in Personality
A comprehensive survey of leading theorists, social, cultural, and biological determinants. Prerequisite: 9 credits of psychology or departmental permission. Scheduled irregularly. 3 credits.

PSY 527 — Abnormal Child Psychology
Learning and behavior problems of children: neuroses, psychoses, character disorders, and learning disabilities. Prerequisite: 15 credits of psychology or departmental permission. Scheduled spring semesters. 3 credits.

PSY 528 — Psychopathology
Differential diagnosis of character; neurotic, psychotic, and organic disorders frequently observed in clinic and school settings. Practical diagnosis using illustrative case material and test protocols. Appropriate disposition of cases and recommendations for treatment. Prerequisite: 15 credits of psychology or departmental permission. Scheduled fall and spring semesters. 3 credits.

PSY 530 — Statistical Foundations
Description, calculation, interpretation, and limitation of statistics of central tendency, variability, correlation, probability, sampling, estimation, and test of significant differences; applications of the normal, t, Chi, square, and F distributions. This course cannot be applied to the Psychology M.A. program. Scheduled fall and spring semesters. 3 credits.

PSY 537-538 — Field Work in Clinical Psychological Services I, II
Implementation of psychological services in clinics, mental hospitals, schools and other agencies under the supervision of a licensed psychologist and/or faculty member. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits each.

PSY 543 — Clinical Methods in Psychology: Cognitive Assessment
Method and theory of assessment of intellectual and cognitive functions, administration, scoring, and interpretation of Weschler and other such scales; dynamics of test situation, observation, and report writing. Prerequisite: departmental permission. Scheduled fall semesters. 3 credits.
PSY 544 — Clinical Methods in Psychology: Personality and Social Assessment
Personality and social evaluation through the use of clinical techniques, including projective testing, trait measurement, clinical observation, and interview. Administration and scoring of standard clinical tests, including the Rorschach, Thematic Apperception Test, and MMPI-2. Prerequisite: departmental permission. Scheduled spring semesters. 3 credits.

PSY 551 — Art Psychotherapy
The use of art as a vehicle for psychotherapy, history, theoretical models, research, and applications in different settings. (Also listed as CSP 551). Scheduled irregularly. 3 credits.

PSY 554 — Psychotherapy and Behavior Change
Approaches used in altering behavior, e.g., psychoanalytic, client-centered, behavioral, rational-emotive, group encounter; analysis of techniques and their effectiveness. Prerequisite: PSY 527 or 528. Scheduled spring semesters of odd years. 3 credits.

PSY 557 — Behavior Modification and Therapy
Theory and techniques involved in altering human behavior through the use of principles of learning. Case studies and principles of application. Prerequisites: graduate or undergraduate course in learning and PSY 554 or departmental permission. Scheduled fall semesters. 3 credits.

PSY 560 — Seminar in the Psychology of Women
Psychological research about women is examined in light of its contributions to psychology as a science, including its social and political implications. The course also explores health, diagnosis, and therapy for women. Cross-listed as WMS 560. Prerequisite: 9 credits of psychology or departmental permission. Scheduled fall semesters of odd years. 3 credits.

PSY 583 — Seminar in Comparative Physiological Psychology
Functional organization of the nervous system viewed at both the molecular and molar levels of analysis. Discussion of research findings and theoretical models of brain development, sensory, motor, and cognitive behaviors, the mechanisms of action of major medications used to treat neurological or psychiatric dysfunctions and the impact of genetics, nutrition, sex differences and stress on physiology and behavior. Prerequisite: departmental permission. Scheduled spring semesters. 3 credits.

PSY 590 — Thesis Proposal
Discussing research ideas, identifying a thesis problem, and developing a research project in consultation with faculty advisers. Prerequisite: completion of 15 credits in a planned master’s degree program in psychology or departmental permission. Scheduled fall and spring semesters. 3 credits.

PSY 591 — Thesis
Scheduled fall and spring semesters. 3 credits.

PSY 592 — Issues in Psychology, Law, and Ethics
Mental health practice and ethics, social theory and science; human rights and mental health law; criminal justice; recent legal developments. Prerequisite: 9 credits of psychology or related course work. Scheduled fall semesters of even years. 3 credits.

PSY 600 — Independent Study or Research
Identification and investigation of a problem. Preparation and presentation of a scholarly document, summarizing the study or research. Prerequisite: departmental permission. 1-4 credits.
The following courses have been approved but are not scheduled for 2006 - 2007.
PSY 505 — Contemporary Theories of Motivation
PSY 570 — Advanced Educational Psychology
PUBLIC HEALTH

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BULMER, SANDRA, Associate Professor; B.S., California State University; M.S., University of Oregon; Ph.D., Texas Woman's University

GALLUP, PEGGY A., Professor; A.B., Colgate University; M.P.H., Ph.D., Yale University

NWANGWU, JOHN T., Professor; M.B., University of Nebraska; M.P.H., Loma Linda University; Dr.P.H., Columbia University

PEARSON, DAVID A., Professor; B.S., State University of New York; M.P.H., University of Michigan; Ph.D., Yale University

STOHLER, WILLIAM LEE, Jr., Professor; B.S., West Chester University; M.Ed., Trenton State College; Ph.D., University of Toledo

VANCOUR, MICHELE L., Assistant Professor; B.A., Central Connecticut State University; M.P.H., Southern Connecticut State University; Ph.D., New York University

APPLICATION DEADLINE:
The graduate Public Health program has rolling admissions but encourages applicants to complete their application files by June 1 for fall admission. The "Application to Graduate Study" and fee should be filed by March 1 for fall admission.

MASTER OF PUBLIC HEALTH DEGREE PROGRAM

The mission of the field of public health is to protect and improve the health of communities by assuring, through organized community efforts, living conditions in which people can be healthy and address health problems effectively. The Master of Public Health (M.P.H.) degree program contributes to this cause by offering a planned program of study that provides prospective and current public health workers with 1) a strong, general background in areas of knowledge which are basic to public health; and 2) the opportunity to apply public health knowledge in independent research and in an internship. Prospective students apply to one of two tracks in the M.P.H. program:

1) Community health education
Focus on developing the capacity to plan, administer and evaluate health promotion and disease prevention interventions and programs; or

2) Public health practice
Focus on strengthening a general understanding of different areas of public health rather than developing an area of specialty. Provides optimum flexibility to select courses that fit unique employment and professional needs and interests.

The M.P.H. is fully accredited by the Council on Education for Public Health (CEPH) through the year 2008. The program consists of a minimum of 48 credits of study including 27 credits of core course work, 6 credits of culminating course work (independent research), 3 or 6 credits of internship, and 9 or 12 credits of elective study specific to the chosen track of study.

Core Course Requirements (27 credits)
PCH 500 — Foundations of Public Health
PCH 504 — Introduction to Community Health Education
PCH 510 — Ecological Determinants of Health
PCH 515 — Biostatistics
PCH 516 — Public Health Research
PCH 520 — Health Behavior
PCH 548 — Public Health Administration
PCH 551 — Epidemiology
PCH 564 — Health Systems and Policy
PCH 577 — Program Planning and Evaluation (for Public Health Practice track)
PCH 588 — Community Health Education Planning and Evaluation (for Community Health Education track)

Culminating Requirements (6 credits)
PCH 590 — Thesis Seminar I and PCH 591 — Thesis Seminar II

OR

PCH 593 — Special Project I and PCH 594 — Special Project II

Internship Requirement (3 or 6 credits, depending on experience)
PCH 595 — Public Health Internship

Track-related courses (12 credits for the community health education track; 9 or 12 credits for the public health practice track, depending on internship option)

Community Health Education Track
- PCH 504 — Introduction to Community Health Education
- PCH 586 — Health Promotion Methods and Strategies
- Two approved PCH specialization electives

Public Health Practice Track (9 or 12 credits of department approved electives)

Credit Requirement for Graduation (minimum 48 credits)

Admission Requirement
In addition to the Application for Admission to Graduate Study, transcripts, application fee and University immunization requirements, all applicants seeking admission to the M.P.H. program must submit the following documents directly to the Office of the Coordinator of Graduate Studies in the Department of Public Health:

- Personal essay
- Two letters of recommendation
- M.P.H. Screening Matrix form
- Chronology of Professional Experience Form or updated resume

Admission Requirements for International Applicants
In addition to the above requirements, international applicants must submit the following documents to the School of Graduate Studies:
Certified copies and certified English translations of all academic achievements in each college, university, and professional school attended. **A diploma is not sufficient.**

Certified evaluation of international transcripts and credentials (course-by-course with grades) from an independent service recognized by the National Association of Credential Evaluation Services (NACES)

Grade point average for undergraduate study of at least "B", Equivalent = 80.0. Chinese institution; 1st Class or Division from Indian institutions; and upper 2nd Class Honors from British institutions. Other grading systems will be evaluated by a certifying agency.

TOEFL (Test of English as a Second Language), if native language is not English, scores of at least 550 written/213 computer. TOEFL are valid for only two years. In place of the TOEFL score, English as a Second Language Certificate (ELS 109) may be used.

File documentation (official bank statement) verifying that financial resources are available or guaranteed for the first calendar year at SCSU (see Information for International Applicants on Graduate School's web page: www.gradstudies.southernct.edu.

An admission packet is available from the Office of the Coordinator of Graduate Studies in the Department of Public Health or online at: www.southernct.edu/departments/publichealth/

Academic Standards and Requirements

Students must achieve a final course grade of "C+" or higher in all public health core, specialization and culminating courses used to fulfill the requirements of the M.P.H. degree. Any course with an earned grade of less than "C+" must be repeated (the next time the course is offered) and passed with a minimum of "C+". In addition, students cannot repeat a course in the core or specialization more than once. An overall grade point average of "B" is required for graduation.

**PUBLIC HEALTH COURSES**

**PCH 500 — Foundations of Public Health**
Nature and scope of public health; basic concepts and principles for professional practice; development of a context for further study. Prerequisite: departmental permission for non-majors. Scheduled fall semesters. 3 credits.

**PCH 504 — Introduction to Community Health Education**
Foundations and principles of discipline and other profession-related issues. Preparation of community health educators to communicate health information and to act as resource persons. Prerequisite: departmental permission required for non-majors. (Formerly PCH 562). Scheduled spring semesters. 3 credits.

**PCH 505 — Woman, Heal Thyself: Interdisciplinary Approaches to Women’s Health Issues**
A cross-cultural, interdisciplinary approach to women’s health issues focusing primarily on 20th century North America. Engages with the politics of women’s health including self-care, health activism and alternative medicine and focuses on strategies for empowerment in exploring and evaluating health care options. Cross-listed as WMS 505. Scheduled irregularly. 3 credits.
PCH 510 — Ecological Determinants of Health
Ecological analysis of forces that affect personal and community health status. Prerequisite: departmental permission required for non-majors. Scheduled during wintersession. 3 credits.

PCH 515 — Biostatistics
The statistics of rates and proportions and the parametric and non-parametric tests associated with their estimation. Intended for those individuals in the fields of public health, clinical services, and other human service professionals. Prerequisite: departmental permission required for non-majors. Scheduled spring semesters. 3 credits.

PCH 516 — Public Health Research
Scientific inquiry in public health; research proposal development; interpretation and application of research literature. Prerequisite: departmental permission required for non-majors. Scheduled fall semesters. 3 credits.

PCH 519 — Health Promotion Priorities
Study of national, state and local health promotion priorities for health-related behaviors. Prerequisite: departmental permission required for non-majors. Scheduled irregularly. 3 credits.

PCH 520 — Health Behavior
Review of biological, epidemiological and psycho-sociological bases of health-related behaviors. Prerequisite: departmental permission required for non-majors. Scheduled spring semesters. 3 credits.

PCH 525 — Multicultural Issues in Health
This course is designed to explore ethnic and cultural factors influencing the health status among racial/ethnic groups in the U.S. Through lectures, discussions, simulations, and case studies, the students will be able to develop an appreciation for the cultural traditions and practices of different groups. Students will also learn skills of cultural competence which are essential for public health practitioners today. Scheduled summer semesters. 3 credits.

PCH 532 — Programs and Practices in Maternal and Child Health
Examines the development of programs in maternal and child health and analyzes goals and problems in the field. For students in public health, social work, nursing, and other human services. Scheduled irregularly. 3 credits.

PCH 533 — Teenage Pregnancy and Parenting

PCH 540 — Nutrition Institute
Issues in community nutrition and health, basics of nutrition and special nutritional needs, consumerism, world nutrition, malnutrition and hunger, and governmental and community responses. Scheduled summer semesters. 3 credits.

PCH 545 — Human Sexuality
Biological, sociological, and psychological aspects of human sexuality. Offered for students in public health, social work, nursing, education, and other human services. Scheduled summer and wintersession semesters. 3 credits.

PCH 546 — Contemporary Issues in Substance Abuse
The issues involved in the identification, treatment and health of, and attitudes toward, the substance abuser are presented by experts in the field of substance abuse. Scheduled summer semesters. 3 or 6 credits.

PCH 548 — Public Health Administration
Health service managers and their roles, management functions and process, budgeting, organizational culture, leadership, and motivation. Prerequisite: departmental permission required for non-majors. Scheduled spring semesters. 3 credits.

PCH 549 — Public Health Leadership
Builds upon the basic knowledge of leadership provided in a previous course that focused on the management process and managerial roles by expanding the scope and depth of the student's knowledge of leadership theories, leadership skills, and by developing the student's knowledge of her or his preferred leadership styles. 3 credits.

PCH 551 — Epidemiology
Methods of identifying risk factors and determining effects of disease on human populations. Prerequisite: departmental permission required for non-majors. Scheduled spring semesters. 3 credits.

PCH 552 — Health Counseling
Professional-client relationships, role of the counselor, counseling techniques, and communications. Scheduled fall semesters. 3 credits.

PCH 560 — Public Health Informatics
Study of the unique requirements of data, information and computer applications in public health. Technology applications for vital statistics, surveillance, community assessment and public health preparedness, among local, state and national public health agencies. 3 credits.

PCH 561 — Gerontology Institute
Adult development and aging: gerontology, mental health, biology and physiology, economics, politics, leisure, law, religion, sexuality, death, retirement and health. Scheduled summer semesters. 3 credits.

PCH 564 — Health Systems and Policy
Analyzes the structure, function and policy issues associated with public health and medical care in the United States. Prerequisite: departmental permission required for non-majors. Scheduled fall semesters. 3 credits.

PCH 566 — Thanatology Institute: Death, Dying and Bereavement
Relationship of death to life; dynamics of terminal illness, sudden death, suicide, euthanasia, children’s perceptions, bereavement, agencies involved in delivery of care. Scheduled summer semesters. 3 credits.

PCH 567 — Alcohol Studies
Primary alcohol abuse intervention for educators, clergy, counselors, medical personnel, personnel managers, etc. Scheduled summer semesters. 3 credits.

PCH 570 — International Field Study in Health
Selected health related field-study projects to various parts of the world, as announced by the department. Prerequisite: departmental permission. Scheduled summer semesters. 6 credits.

PCH 573 — Health Communications
The nature, scope, functions, forms and constraints of health communications are delineated; development and practice of the skills associated with a social-marketing
approach to the planning, development and appraisal of health communications. 3 credits.

PCH 575 — International Health Institute
Comparative and contrasting health conditions, values, and programs, from an international perspective. Scheduled summer semesters. 3 credits.

PCH 577 — Program Planning and Evaluation
Conceptualizations and technical skills for the planning and evaluation of population-based, health-related programs and interventions. Prerequisite: departmental permission for non-majors. Scheduled spring semester. 3 credits.

PCH 585 — Seminar for Public Health Practice
A synthesis of the philosophy, ethics, concepts, skills, and strategies applied to public health practice. Problem analysis and seminar presentations. Prerequisite: departmental permission required for non-majors. Scheduled irregularly. 3 credits.

PCH 586 — Health Promotion Methods and Strategies
Methods (i.e., educational strategies, group and individual processes, community approaches, etc.) used in health promotion and disease prevention programs to impact individual and community health behavior. Prerequisites: PCH 504 and PCH 520. Departmental permission for non-majors. Scheduled fall semesters. 3 credits.

PCH 587 — Community Health Education Theory and Practice
Foundations of community health education. Acquisition and application of community health education assessment skills. Prerequisite: Departmental permission for non-majors. 6 credits.

PCH 588 — Community Health Education Planning and Evaluation
Acquisition and application of planning, delivery and evaluation skills of community health education programs. Prerequisite: departmental permission for non-majors. Scheduled fall semesters. 3 credits.

PCH 590 — Thesis Seminar I
Development of a thesis protocol. Prerequisite: departmental permission for non-majors. Scheduled fall semesters. 3 credits.

PCH 591 — Thesis Seminar II
Implementation of research design from approved thesis protocol and written presentation of findings. Prerequisite: departmental permission and PCH 590. Scheduled spring semesters. 3 credits.

PCH 593 — Special Project I
First of two courses in design and execution of a project in which the program of study culminates. Prerequisite: departmental permission for non-majors. Scheduled fall semesters. 3 credits.

PCH 594 — Special Project II
Design and execution of a project in which the program of study culminates. Prerequisite: PCH 593. Scheduled spring semesters. 3 credits.

PCH 595 — Public Health Internship
A vigorous learning experience integrating classroom preparation with field work. Completed under the supervision of an experienced health professional with the guidance of an on-campus faculty member. Prerequisite: departmental permission. Scheduled fall, spring, and summer semesters. 3 or 6 credits.
PCH 600 — Directed Independent Study
Identification and investigation of a student’s special interest in the field of public health under faculty supervision. Prerequisite: departmental permission. 3 credits.

The following courses have been approved but are not scheduled for 2006-2007.

- PCH 553 — Contemporary Health Science
- PCH 555 — Consumerism in Health
- PCH 565 — Drinking/Diiving Prevention Institute
- PCH 580 — Medical Self Care
- PCH 581 — Allied Health Professions
- PCH 589 — Seminar in Drug Abuse Education & Prevention
READING

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ROSCOW, MARAVENE E., Professor; B.S., Duke University; M.S., Sixth Year Diploma, Southern Connecticut State University; Ph.D., Columbia University. Tel. (203) 392-5933.

APPLICATION DEADLINE:
Rolling admissions

The Graduate Reading Program provides programs of study for certified teachers at the elementary and secondary levels.

Graduate students may fulfill requirements for the Master of Science Degree, the Sixth Year Professional Diploma, Remedial Reading and Remedial Language Arts Teacher Certification or Reading and Language Arts Consultant Certification.

MASTER OF SCIENCE DEGREE

With the help of an adviser, students plan a 30 to 33 credit program to fulfill the requirements for the Connecticut certification for Remedial Reading and Remedial Language Arts Teacher.

The requirements are:

RDG 520 — Fundamentals of Language and Literature
RDG 565 — Content Area Reading and Language Arts in Middle and Secondary Schools
RDG 566 — Developmental Reading and Language Arts in the Elementary School
RDG 567 — Tests, Measurements, and Evaluation in the Reading and Language Arts Program
RDG 568 — Practicum in Diagnosis of Reading and Language Arts Difficulties
RDG 570 — Remediation of Difficulties in Reading and Language Arts
RDG 585 — Writing Instruction in the Reading and Language Arts Program
RDG 590 — Thesis Seminar in Reading
RDG 659 — Practicum in Remedial Reading and Language Arts I
RDG 662 — Developing and Leading the School Literacy Program I
RDG 665 — Reading and Language Arts Research Seminar

Master's Thesis
Successful completion of a thesis (RDG 590 — Thesis Seminar and Thesis — 6 credits) and 27 graduate credits in a planned program are required.

Comprehensive Examination
Students are required to complete 30 to 33 graduate credits in a planned program and pass the comprehensive examination.

Comprehensive Examination Schedule
• Fall — Study Session: TBA
Comprehensive Examination: Third Saturday in November, 9 a.m.-1 p.m.

• Spring — Study Session: TBA
  Comprehensive Examination: First Saturday in April, 9 a.m.-1 p.m.

Note: If Easter falls on the first Sunday in April, comprehensive examinations will be held on the second Saturday.

SIXTH YEAR PROFESSIONAL DIPLOMA

The Sixth Year professional program in Reading is for certified elementary and secondary teachers, Remedial Reading and Remedial Language Arts Teachers, supervisors, administrators, and higher education personnel who have a master’s degree. There are two sixth year programs:

• Remedial Reading and Remedial Language Arts Teacher — 36 credits
  To qualify for Remedial Reading and Remedial Language Arts Teacher certification, candidates must have a valid teaching certificate, 30 months of full-time teaching, and courses in developmental reading, reading in the content areas, diagnosis and remediation of reading difficulties, language arts, tests and measurements, and clinical practices in reading.

Requirements (seven 500 level courses and five 600 level courses):
  RDG 520 — Fundamentals of Language and Literacy
  RDG 565 — Content Area Reading and Language Arts in Middle and Secondary Schools
  RDG 566 — Developmental Reading and Language Arts in the Elementary School
  RDG 567 — Tests, Measurements, and Evaluation in the Reading and Language Arts Program
  RDG 568 — Practicum in Diagnosis of Reading and Language Arts Difficulties
  RDG 570 — Remediation of Difficulties in Reading and Language Arts
  RDG 585 — Writing Instruction in the Reading and Language Arts Program
  RDG 659 — Practicum in Remedial Reading and Language Arts I
  RDG 662 — Developing and Leading the School Literacy Program I
  RDG 665 — Reading and Language Arts Research Seminar
  RDG 672 — Designing and Implementing the School Literacy Intervention Program
  RDG 676 — Developing and Leading the School Literacy Program II

Reading and Language Arts Consultant — 30 credits
  To qualify for Reading and Language Arts Consultant certification, candidates must have a valid teaching certificate, a master’s degree, Remedial Reading and Remedial Language Arts Teacher certification, 10 months experience as a Remedial Reading and Remedial Language Arts Teacher, and graduate work in an approved, planned program that includes courses in advanced diagnosis and remediation, organization and administration of reading programs, and six credits in a reading and language arts consultant practicum. This program emphasizes consultation skills.

Requirements:
  RDG 662 — Developing and Leading the School Literacy Program I
  RDG 672 — Designing and Implementing the School Literacy Intervention Program
  RDG 676 — Developing and Leading the School Literacy Program II
SED 621 — Interpersonal and Collaborative Skills for the Special Educator
SED 622 — Basic Consulting Skills for the Special Educator

Under advisement, students choose five additional graduate level courses in reading or a related discipline, and a six credit practicum.

READING COURSES

RDG 517 — Content Area Literacy in Middle and Secondary Schools
This course provides an overview of content area literacy learning at middle and high school levels focusing on efficient reading, writing, and study strategies with diverse populations. The course incorporates instructional technology and is required for secondary content area certification. 3 credits.

RDG 520 — Fundamentals of Language and Literacy
Basics of oral and written language function, form, and use will be covered with an emphasis on the implications for acquisition of literacy skills in a wide range of learners. Includes historical trends in reading instruction. Scheduled fall and spring semesters. 3 credits.

RDG 565 — Content Area Reading and Language Arts in Middle and Secondary Schools
An overview of the reading and language arts program at the middle and secondary levels focusing on efficient reading, writing and study strategies across the curriculum with diverse populations. Use of technology in instruction. Scheduled fall, spring and summer semesters. 3 credits.

RDG 566 — Developmental Reading and Language Arts in the Elementary School
An overview of the elementary reading and language arts program focusing on current theories, practices, and materials. Includes multicultural perspectives and technological innovations. Scheduled fall and spring semesters. 3 credits.

RDG 567 — Tests, Measurements, and Evaluation in Reading and Language Arts Programs
Methods of evaluating performance using a variety of tests and other assessment tools. Introduction of basic measurement concepts. Consideration of language, culture, and special needs. Use of technology in assessment and reporting. Prerequisites: RDG 520, 565, 566, and 585. Scheduled fall and spring semesters. 3 credits.

RDG 568 — Practicum in Diagnosis of Reading and Language Arts Difficulties
Individual diagnostic evaluation of difficulties in reading and writing. Use of formal and informal assessment tools appropriate for students from diverse cultural and linguistic backgrounds. Guided preparation of a case study report. Prerequisite: RDG 567. Scheduled fall and spring semesters. 3 credits.

RDG 570 — Remediation of Difficulties in Reading and Language Arts
Theory and practice of remedial instruction. Focus on methods successful with students experiencing moderate to serious difficulties from varied language and cultural backgrounds. Use of technology in teaching and learning. Prerequisite: RDG 568. Scheduled fall and spring semesters. 3 credits.

RDG 585 — Writing Instruction in the Reading and Language Arts Program
Connects reading and writing at the elementary through secondary levels. Develops the writing skills of all students, including learners with special needs. Includes technological applications to the writing process and evaluation of writing using formal and informal measures. Scheduled fall, spring and summer semesters. 3 credits.
RDG 659 — Practicum in Remedial Reading and Language Arts I
Supervised experience in the Reading Center in conducting a diagnostic evaluation and providing a remedial reading and language arts program for the children tested. Technological applications in remediation. Prerequisite: RDG 568, RDG 570 and departmental permission. Scheduled fall, spring and summer semesters. 3 credits.

RDG 662 — Developing and Leading the School Literacy Program I
The first of two courses in leadership skills for the Reading and Language Arts Consultant which emphasize developing, organizing, administering and supervising effective school wide literacy programs K-12. Prerequisite: RDG 659. Scheduled fall and spring semesters. 3 credits.

RDG 665 — Reading and Language Arts Research Seminar
Introduction of basic research concepts and techniques. Use of computer databases to identify sources relevant to reading and writing theory and instruction. Evaluation of reading and language arts research. Prerequisite: RDG 659. (Formerly RDG 591). Scheduled fall and spring semesters. 3 credits.

RDG 672 — Designing and Implementing the School Literacy Intervention Program
Focuses on planning instruction for K-12 students in the school reading and language arts program who are experiencing difficulties in literacy development. Addresses the special needs of diverse learners. Use of technology to support the remedial reading and remedial language arts program. Prerequisites: RDG 659. Scheduled fall semester. 3 credits.

RDG 676 — Developing and Leading the School Literacy Program II
The second of two courses in leadership skills for the Reading and Language Arts Consultant. Explores topics related to instructional programming, the change process, mentoring and professional development, and applying current research to literacy instruction K-12. Prerequisite: RDG 662. Scheduled spring semester. 3 credits.
RECREATION AND LEISURE STUDIES

CIPRIANO, ROBERT E., Professor; B.A., M.A., Moorhead State University; Ed.D., New York University. E-mail: cipriano1@southernct.edu

MACGREGOR, JAMES F., Graduate Coordinator, Associate Professor; B.S., M.S., Southern Connecticut State University; Ed.D., University of Hartford. Tel. (203) 392-6385. E-mail: macgregorj1@southernct.edu

HUNTER, I. ROY, Associate Professor; B.S., Utah State University; M.S., University of Kentucky; Ph.D., University of Maryland

PANZA, JOSEPH A., Associate Professor; B.A., M.A., Seton Hall University; Ed.D., University of Pennsylvania

SMITH, DEBORAH, Associate Professor; B.A., Dickinson College; M.S., Ph.D., Indiana University

APPLICATION DEADLINE:
Rolling admissions

The Master of Science degree program in recreation and leisure studies is designed to prepare students for supervision, administration, and management of recreation programs and park facilities. Areas of specialization are: recreation administration, therapeutic recreation, and college teaching. The specialization program in recreation administration will qualify graduates for certification by the National Recreation and Park Association (NRPA). The specialization program in therapeutic recreation can be designed to meet certification requirements of the National Council for Therapeutic Recreation Certification (NCTRC).

The normal sequence of attendance for a master’s degree program is four consecutive terms, beginning in a fall term.

The curriculum is competency based, that is, the didactic and practical learning experiences are structured to develop the skills required of personnel on the job. Adaptive skills facilitate adjustment to the physical, inter-personal and organizational arrangements and conditions on the job. Functional skills enable personnel to relate to things, data, and people according to their personal preferences and to some degree of complexity appropriate to their abilities. Content skills enable personnel to bring depth of knowledge and understanding to their work situations. A combination of didactic course work, practicum experience, and independent study activities provides students with a broad array of learning experiences to further their professional development. Elective courses are approved in relation to the contribution they make to the student’s overall knowledge of human growth and development, human relations, content areas, etc.

Basic Core Courses — 12 credits
REC 570 — Foundations of Leisure and Recreation
REC 574 — Park and Recreation Management
REC 575 — Operational Research in Recreation
REC 577 — Leadership and Supervision of Leisure Services

Area of Specialization — 9 - 12 credits
Courses based on the specialization that the student follows; e.g., college teaching, recreation administration, and therapeutic recreation.

Departmental Electives — minimum of 12 credits
Master's Thesis
Thesis Seminar (REC 590) and Thesis — 6 credits
This program is designed for the student who eventually plans to acquire an Ed.D. or Ph.D. in order to teach in a college or university, or to pursue a career in recreation and leisure research, or to be eligible for high state and federal supervisory positions.

Comprehensive Examination and Special Project
In lieu of the thesis, the student takes two additional courses in the area of specialization and must pass the following comprehensive examinations or complete a special project:

Exam A — An essay examination. The student is presented with a series of questions, from which he chooses three to fully develop.

Exam B — An oral examination conducted by two or three professors from the Recreation and Leisure Studies Department and an outside examiner selected by the student.

— OR —

Special Project — A project or real life type of examination. The idea is to offer students a practical, relevant, and meaningful choice.

For further information on the master’s degree in Recreation and Leisure Studies, contact Dr. James MacGregor, Graduate Coordinator, at (203) 392-6385.

RECREATION COURSES

REC 533 — Socio-Leisure Needs of Individuals with Disabilities
Current biopsychosocial needs of people with disabilities. Interdisciplinary coordination, within institutional and community settings, in providing services to the disabled is scrutinized. Scheduled summer semesters. 3 credits.

REC 534 — Advanced Practice in Therapeutic Recreation Programming
Investigating and utilizing both theory and practice, this course will introduce students to a high level of planning, assessment, implementation and evaluation of therapeutic recreation services. Scheduled spring semesters of even years. 3 credits.

REC 557 — Emerging Legal Issues in Recreation and Leisure Studies
An exploration of topics and principles related to the legal environment of leisure service agencies. Students will develop risk management plans appropriate to their professional careers. Scheduled spring semesters of even years. Field trips are required. 3 credits.

REC 561 — Outdoor Recreation Resource Management
An examination of the relationships between outdoor recreation users, the natural resource base, and management approaches. Particular focus on stewardship practices designed to protect the resource base while providing recreational opportunities. Scheduled spring semesters of odd years. 3 credits.

REC 570 — Foundations of Leisure and Recreation
The historical and philosophical development of leisure and recreation in relation to major social, economic, technological, and cultural changes and trends. Scheduled spring semesters of odd years. 3 credits.

REC 571 — Recreation Needs and Interests of Society
Recreation plays a multitude of vital roles in modern living. The understanding of individual, group and societal needs and the host of internal and external factors impacting those needs and the subsequence of role is essential for the provision of such
services. Scheduled irregularly. 3 credits.

REC 572 — Planning and Development of Recreation Programs and Leisure Services
Principles and application of program planning and implementation. Consideration is given to program content, the “how to” as well as problem solution and evaluation. Scheduled fall semesters of odd years. 3 credits.

REC 573 — Seminar in Recreation Administration
The identification of trends and critical issues as well as the examination of models for implementing community park and recreation services. Scheduled spring semesters of even years. 3 credits.

REC 574 — Park and Recreation Management
Organization, functioning, operations, and problems of park and recreation management in leisure areas. Analysis, programming concepts, principles, and values involved in planning a comprehensive system of interrelated urban park and recreation areas. Scheduled fall semesters of odd years. 3 credits.

REC 575 — Operational Research: Recreation
For recreation, park, and leisure service practitioners seeking knowledge and techniques to conduct interest surveys, feasibility studies, appraisals, program evaluations, projections, and other types of research related to recreation. Scheduled summer and spring semesters of even years. 3 credits.

REC 576 — Designs for Park and Recreation Facilities
Survey of contemporary and future facilities in recreation and related services including procedures and practices of program and property analysis and design. Scheduled spring semesters of odd years. 3 credits.

REC 577 — Leadership and Supervision of Leisure Services
Basic principles of leadership and supervision and their application to leisure services. Scheduled fall semesters of even years. 3 credits.

REC 581 — Seminar in Therapeutic Recreation Service
Trends and delivery of therapeutic recreational services to people with disabilities; the relationship of therapeutic recreation to other rehabilitation services; legislation, literature, and administrative practices. Scheduled fall semesters of odd years. 3 credits.

REC 583 — Practicum in Park and Recreation Service
Faculty approved and supervised experience in the area of student’s interest. Position should be at a supervisory or administrative level. Scheduled summer semesters. 3 credits.

REC 584 — Leisure Education
Techniques in the community and institutional settings. Assessment of client needs and available community resources and services. Scheduled spring semesters of even years. 3 credits.

REC 585 — Clinical Aspects of Therapeutic Recreation
In-depth evaluation of the provision of therapeutic recreation services to individuals with varied chronic and traumatic disabilities. Implications for the development of a continuum of care; health care accreditation process; funding methods; outcome measurement systems; process of total quality management (TQM). Scheduled spring semesters of odd years. 3 credits.
REC 587 — Recreation Education Curriculum Development
Exploration of a recreation education program designed to meet the needs of personnel who will be responsible for provision of recreation and park services. Scheduled irregularly. 3 credits.

REC 588 — Innovation in Recreation Education
Innovative teaching techniques in recreation education. Implications for quality teaching, meeting individual needs of students, and related aspects of college teaching. Scheduled irregularly. 3 credits.

REC 599 — Grantsmanship
Knowledge and skills essential for development of grant proposals unique to recreation and leisure services. Scheduled wintersession and summer semesters. 3 credits.

REC 600 — Directed Independent Study
Special interests in the leisure-recreation field. Available each semester. 3 credits.
The Master of Science program in Research, Statistics and Measurement prepares research specialists in behavioral sciences and education. The curriculum is designed to develop ability in statistical analysis, construction of psychological and educational tests and questionnaires, research methodology, quantitative analysis, evaluation of social and educational programs and personnel, operations research, and computer applications using different software for mainframes and personal computers. A student who wishes a strong background in computer programming may include four computer science courses as part of this degree.

**Area of Specialization — 27 credits**

- RSM 593 — Probability and Statistical Inference
- RSM 594 — Methods of Research in Behavioral Sciences
- RSM 595 — Psychological and Educational Measurement: Psychometric Theory
- RSM 596 — Modern Instrument Construction Methods
- RSM 597 — Research Design and Analysis of Variance and Covariance
- RSM 610 — Applied Multiple Regression/Correlation Analysis for the Behavioral Sciences
- RSM 620 — Applied Multivariate Analysis: Techniques for Research in Behavioral Sciences
- RSM 625 — Using Computers to Facilitate Data-Based Decision Making
- RSM 630 — Survey Sampling and Survey Research for Behavioral Sciences
- RSM 640 — Non-parametric Statistics for Behavioral Sciences
- RSM 650 — Operations Research Methods

**Cognate Courses — 6 credits**

- RSM 598 — Evaluation of Programs and Personnel
- CSC 515 — Computer Programming for Behavioral Sciences
- CSC 516 — Advanced Computer Programming for Behavioral Sciences
- MKT 425 — Marketing Research

**Capstone Experience:**
A student may choose a program with a thesis or a comprehensive examination. In a thesis program, a minimum of 33 credits must be completed, 27 credits in course work, and 6 credits in thesis seminar. In a program involving a comprehensive examination, a minimum of 33 credits in coursework and the comprehensive examination must be satisfactorily completed.

Thesis Option

It is the candidate's responsibility to have formulated a preliminary idea to be researched and to seek out a faculty member in the department who is interested in serving as thesis sponsor. The thesis option is granted to students who have accumulated at least fifteen graduate credits in the Research, Statistics and Measurement program with a grade point average of at least "B+" (3.3). The normal sequence is to register for RSM 590 - Thesis Seminar I: Proposal, in the fall semester after securing a sponsor. The fall semester is devoted to developing a thesis proposal. After the proposal is approved by the sponsor, thesis committee, and graduate dean, the student registers for RSM 601 - Thesis Seminar II: Thesis Completion, for the spring semester. The completed thesis is reviewed for acceptance by the sponsor, thesis committee, and the graduate dean.

Comprehensive Examination Option

A comprehensive examination is required in addition to 33 credits of course work. Students choosing this option should select their courses so that they are well prepared for the different sections of the examination. The comprehensive examination will be scheduled twice a year, in April and November. Students selecting this option should apply to the Graduate Program Coordinator no later than the second week of classes of the semester in which they intend to take the exam.

RESEARCH, STATISTICS, AND MEASUREMENT

RSM 585 — Qualitative Research Methods

This course provides students with quantitative and qualitative tools that have been identified by practicing leaders as best practices. As the first statistics course in the program, the course will position students to apply an array of quantitative and qualitative methodologies in their program. Equivalent to EDL 704. 3 credits.

RSM 590 — Thesis Seminar I: Proposal

Development of a thesis proposal. Prerequisite: departmental permission. Scheduled fall semesters. 3 credits.

RSM 591 — Educational Measurement for Classroom Teachers

A major principle of educational psychology is to assess what the learner already knows and teach accordingly. This course positions learning as an iterative process of assessment and instruction with measurement acting as "facilitator." Students learn creative methods for developing informal and formal classroom assessments that contribute to learning. Students will be provided with the materials and instruction to link classroom learning to high stakes tests such as the Connecticut Mastery Tests. Scheduled fall, spring and summer semesters. 3 credits.

RSM 592 — Research in Education

Research methods used in educational settings and critical evaluation of published research as applied to classroom teaching. Scheduled fall and spring semesters. Also listed as EDU 592. 3 credits.

RSM 593 — Probability and Statistical Inference

Probability and binomial distributions, the logic of generalization from sample to
universe, test of significance, interval estimation and power function, student’s t and F distributions: introduction to correlation and regression analysis. Scheduled fall semesters. 3 credits.

RSM 594 — Methods of Research in Behavioral Sciences
Methods of inquiry, the nature of evidence and logic, types of research, research as a variance control, experimental and quasi-experimental designs. Appropriate statistical methods. Prerequisite: any undergraduate course in statistics. Scheduled each semester. 3 credits.

RSM 595 — Psychological and Educational Measurement: Psychometric Theory
Principles and procedures in test construction and item analysis. Assessing psychological characteristics. Validity, reliability, units of measurement; the use of multiple measures in prediction and diagnosis. Theory of mental tests as well as their application. Prerequisite: RSM 593 or PSY 530. Scheduled spring semesters. 3 credits.

RSM 596 — Modern Instrument Construction Methods
This course extends the classical measurement concepts taught in RSM 595. Topics include item response theory, Rasch modeling, computer adaptive testing and optimal scaling. Prerequisite: RSM 595. 3 credits.

RSM 597 — Research Design and Analysis of Variance and Covariance
The analysis of variance for randomized groups, multiple comparison, randomized block design, factorial design, and analysis of covariance. Selected nonparametric techniques. Prerequisite: RSM 593 or knowledge of the principles of statistical inference. Scheduled spring semesters. 3 credits.

RSM 598 — Evaluation of Programs and Personnel
Theoretical evaluation models; summative and formative evaluation of programs; evaluation of schools (and other social agencies); performance-based evaluation of teachers and other personnel; accountability. 3 credits.

RSM 600 — Directed Independent Study in Research, Measurement, and Evaluation
Projects to supplement and advance knowledge in the areas of statistics, research and evaluation measurement. Readings and discussions. Prerequisite: program coordinator’s permission. Scheduled by arrangement. 3 credits.

RSM 601 — Thesis Seminar II: Thesis Completion
Implementation of thesis proposal and written presentation of finding. Prerequisites: RSM 590 and departmental permission. Scheduled spring semesters. 3 credits.

RSM 610 — Applied Multiple Regression/Correlation Analysis for the Behavioral Sciences
The course covers the topics of multiple regression, the regression analysis of experimental and nonexperimental data, discriminant analysis, logistic regression analysis, different kinds of correlation coefficients, and research applications in social and behavioral sciences. Prerequisite: coursework in applied statistics and research methods. Scheduled fall semesters. 3 credits.

RSM 620 — Applied Multivariate Analysis: Techniques for Research in Behavioral Sciences
Multivariate normal distribution, multivariate analysis of variance, canonical correlation, and factor analysis and its application. Prerequisite: RSM 593 or PSY 530, RSM 597 and RSM 610. Scheduled spring semesters. 3 credits.
RSM 625 — Using Computers to Facilitate Data-Based Decision Making
This laboratory-based course provides students with experience using statistical software to analyze data from a variety of social science and education databases. Students learn to create data files and navigate through menu driven statistical procedures to analyze data and to make informed decisions about social science and educational issues. Prerequisite: RSM 593 or knowledge of the principles of statistical inference. 3 credits.

RSM 630 — Survey Sampling and Survey Research for Behavioral Sciences
Methods of survey research, questionnaire construction, and design and implementation. Also topics of random sampling, stratified random sampling, cluster sampling, systematic sampling, and two-stage sampling. Prerequisite: RSM 593 or PSY 530. Scheduled fall semesters. 3 credits.

RSM 640 — Nonparametric Statistics for Behavioral Sciences
This course provides students with a variety of methods for analyzing distribution free data measured using nominal and ordinal scales. Analysis of data common to survey research is performed using goodness of fit tests, distribution tests, and various measures of association. Prerequisite: coursework in applied statistics. Scheduled spring semesters. 3 credits.

RSM 650 — Operations Research Methods
The application of scientific method to decision making. Linear programming and optimum mix analysis; inventory modeling and optimum level analysis; decision theory, replacement and forecasting; stock control; and theory of games. Cross-listed as BUE 650. Prerequisite: MAT 120. Scheduled fall semesters. 3 credits.
SCHOOL HEALTH EDUCATION
MARINO, DORIS M., Coordinator, Associate Professor; A.B., M.P.H., Ph.D., University of Michigan. Tel. (203) 392-6922. E-mail: marinod1@southernct.edu
DUKE, SUZANNE, Professor; B.A., Muhlenberg College; M.Ed., Ph.D., University of Toledo. Tel. (203) 392-6963
RUKOWICZ, PATRICIA, Associate Professor; R.N., Hartford Hospital School of Nursing; B.S., M.S., M.S.N., Sixth Year Diploma, Southern Connecticut State University. Tel. (203) 392-6910

APPLICATION DEADLINE:
April 1 for the fall semester
November 1 for the spring semester

SCHOOL HEALTH EDUCATION SPECIALIZATION
The Master of Science in School Health Education is designed to provide students with the necessary academic background to teach health education in grades pre-kindergarten through twelve and to plan, implement, and assess health education programs in the schools. Students completing the program may then obtain either initial certification or a secondary endorsement in school health.

MISSION STATEMENT
The mission of the School Health Education program at Southern Connecticut State University is to develop the content knowledge, skills, and pedagogy in health education and to prepare individuals to teach health in grades pre-kindergarten through 12.

PROGRAM GOALS AND OBJECTIVES
The program vision is to promote health in the State of Connecticut through the preparation of skills for leaders in the field of School Health Education.

The program goals are:
• Provide the knowledge and skills necessary to teach the content areas of health literacy as established by the Education Commission of the State of Connecticut.
• Provide content that addresses the attitudes, health needs, practices, interests, and strengths of culturally diverse populations.
• Provide the knowledge and skills necessary to develop, assess, implement, and evaluate school health curricula and health programs for children and adolescents.
• Provide the necessary content and pedagogy to facilitate interactive learning that relates to health in the pre-kindergarten through grade twelve classroom setting.
• Provide up-to-date and developmentally appropriate materials, methods, and resources for teaching health.
• Provide opportunities for conducting research, advanced study, and/or personal growth related to school health educators.
• Provide an avenue for professional development and an opportunity to develop the skills and strategies for helping to promote change within school health education.

ADMISSION REQUIREMENTS
The requirements for admission to the School Health Education program for the Master of Science degree and initial teaching certification are:

• Submit the graduate school application to the School of Graduate Studies
• Submit all college transcripts to the School of Graduate Studies
• Have an undergraduate Q.P.R. of 2.7 or higher
• Pass the Praxis I (PPST) exam in reading, writing, and mathematics
• Submit two letters of recommendation
• Submit two essays on why School Health Education is important and why the applicant has chosen it as a career (500 words), and an introspective autobiographical essay including an assessment of personal strengths and weaknesses.
• Complete an entrance interview with members of the School Health Education faculty
• Submit the application for admission into the School of Education

The requirements for matriculation and admission to the School Health Education Program for the Master of Science degree only or for the Master of Science degree with cross endorsement (indicates that the student is already certified in one area) are:

• Submit the graduate school application to the School of Graduate Studies
• Submit all college transcripts to the School of Graduate Studies
• Have an undergraduate Q.P.R. of 2.7 or higher
• Submit two letters of recommendation
• Complete an entrance interview with members of the School Health Education faculty

Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching.

Prerequisite Requirements
Those students seeking initial certification must complete the following list of prerequisite courses prior to matriculation. The requirements meet both the State of Connecticut and American Association of Health Education (AAHE) standards:

1. Anatomy and Physiology (EXS 280 and 281 or BIO 110 and 111)
2. United States History (HIS 110 or 112)
3. Psychology Courses
   a. Introduction to Psychology (PSY 100)
   b. Adolescent Development (PSY 215)
   c. Educational Psychology (PSY 370)
4. School Health Education (SHE 203)
5. Health Teaching in Secondary Schools (SHE 411)
6. Special Education (SED 481 or SED 482)
7. Educational Foundations (EDF 520 or 523)
8. Mental Health (SHE 302)
9. Illness and Disease (PCH 365) or Pathophysiology (EXS 410)
10. Nutrition (PCH 200)

For Cross Endorsement:
1. Evidence of effective written communication
   a. 500 word essay on why School Health Education is important and why the applicant has chosen it as a career
   b. an introspective autobiographical essay including an assessment of personal strengths and weaknesses
2. Undergraduate grade point average of 2.7 or higher
3. Certification in a subject area
4. B.S. or B.A. and a minimum of 15 credit hours in a health related field. The prerequisites are: school health, mental health, health teaching, nutrition, U.S. history, and approval of program advisor
5. Submit two essays on why School Health Education is important and why the applicant has chosen it as a career (500 words), and an introspective autobiographical essay including an assessment of personal strengths and weaknesses.

Core Courses
The core courses are designed for students to build and apply their knowledge and skills. The following is a listing of core courses that all School Health Education students are required to take:

SHE 500 — Health and Society
SHE 505 — School Health Education Foundations
SHE 554 — Research Techniques
SHE 556 — Methods of Planning and Evaluation in School Health Education
SHE 560 — Curriculum Development in Health Education
SHE 570 — Organization and Administration of School Health Education
SHE 594 — Special Project Seminar

These courses are worth three credit hours each for a total of 21 credits of core coursework.

Pedagogy Courses
The pedagogy courses are designed to teach students how to teach the content. The following is a list of pedagogy courses offered:

SHE 302 — Mental Health Education
SHE 511 — School Health Nutrition
SHE 547 — Drug Prevention in School Health
SHE 552 — School Health Intervention
SHE 558 — Group Process in School Health
SHE 561 — Sex Education
SHE 579 — Holistic Health

These courses are each worth three credit hours and the total number of required
credits of pedagogy coursework for students will be determined on an individual basis.

**SCHOOL HEALTH EDUCATION SPECIALIZATION**

A master of science degree with a specialization in School Health Education is offered through the Exercise Science Department in the School of Education. The program is designed to impart graduate level competencies as developed by American Association of Health Education and the National Council on Health Education Credentialing. The program is based on research driven state of the art concepts and strategies in health education. It is designed to prepare students to teach, establish, implement, plan and evaluate programs of school health education. Students may choose to do one of the following types of programs:

Master’s Thesis
Special Project
36 credits of approved course work including a special project.

**SCHOOL HEALTH EDUCATION COURSES**

**SHE 500 — Health and Society**
A survey of personal and social factors that influence mortality and morbidity of students, grades K-12. Emphasis is placed on how this information should be integrated into the school health program, and how the student can best avoid and manage these factors. 3 credits.

**SHE 505 — School Health Education Foundations**
This course provides a comprehensive framework for school health educators by introducing students to the history and philosophy of health education, health theory, and ethics. 3 credits.

**SHE 511 — School Health Nutrition Institute**
A survey of skills, techniques and methods for teaching nutrition in schools (Pre-K-12). Instruction will cover all areas of nutrition mandated by the state. Emphasis will be placed on how and where to obtain resources for the instruction of nutrition in schools. 3 credits.

**SHE 547 — Drug Prevention Education Institute**
Instruction will cover the effective preventive education strategies to teach drug education pre-kindergarten to grade 12. This course is required for state certification to teach health. 3 or 6 credits.

**SHE 552 — School Health Intervention**
An analysis of skills and methods necessary for intervention in health crises for students K-12. Emphasis is placed on use of the Student Assisting Groups, which focuses primarily on substance abuse, suicide and other destructive behaviors. 3 credits.

**SHE 554 — Research Techniques**
Research methods and tools, selection and formulation of problems, research design, basic statistics, and analysis of data. An individual research project is required. 3 credits.

**SHE 556 — Methods of Planning and Evaluation in School Health Education**
Development of effective health education methods; public school and community resources for health education. 3 credits.
SHE 558 — Group Process in School Health
A survey of individual and group processes that relate to school health instruction. Students will learn how to facilitate groups for effective interaction. This course is state mandated for certification to teach school health. 3 credits.

SHE 560 — Curriculum Development in Health Education
Past, current, and future programs of health education. Developing skills for writing a curriculum in health education. 3 credits.

SHE 561 — Sex Education
Teaching techniques and content for human sexuality instruction. 3 credits.

SHE 570 — Organization and Administration of School Health Education
This course provides the knowledge and skills necessary to organize and administer a planned school health education program for grades pre-K-12. Students will learn how to work cooperatively with schools, school boards, administration, the health department, education and health professional associations, and community groups to enhance the Coordinated School Health Program. 3 credits.

SHE 579 — Holistic Health Institute
Development of concepts and skills that assist the individual to understand and utilize holistic measures that promote health and prevent and treat illness, for personal and professional application. 3 credits.

SHE 590 — Thesis/Special Project Seminar I
Development of the thesis or special project proposal including introduction, review of literature, statement of the problem, hypotheses, procedures, selection of subjects and statistical design. Prerequisite: SHE 554 and departmental permission. 3 credits.

SHE 594 — Thesis/Special Project Seminar II
Completion of a thesis or special project. Prerequisite: departmental permission. 3 credits.

SHE 600 — Directed Independent Study
Identification and investigation, under faculty supervision, of a student’s special interest in the field of health. Prerequisite: departmental permission. 3 credits.

The following course has been approved but is not scheduled for 2006-2007.

SHE 530 — International School Health
SOCIAL WORK

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MICHLIN, P., MINOU, Director of Field Work Education, Professor; B.S.W., Teheran School of Social Work; M.S.S.A., Case Western Reserve University; D.S.W., Yeshiva University; A.C.S.W.

APPLEBY, GEORGE A., Professor; B.A., University of Connecticut; M.S.W., University of North Carolina; Certificate of Advanced Study in Social Welfare; D.S.W., Columbia University; A.C.S.W., L.C.S.W.

CAMERON, MARK, Associate Professor; B.A., Princeton University; M.S.S.W., Ph.D., Columbia University

COLON, EDGAR, Professor; B.S., College of Staten Island; M.S., Columbia University; D.S.W., City University of New York

DRIPCHAK, VALERIE, Associate Professor; B.A., M.S., S.Y.C., Southern Connecticut State University; M.S.W., Ph.D., Fordham University

GESINO, JACK, Associate Professor; B.S., Sacred Heart University; M.S.W., Columbia University; D.S.W., City University of New York

HAMILTON, JULIA, Associate Professor; B.A., St. Paul’s College; M.S.S.A., Case Western Reserve University; L.C.S.W., D.S.W., Yeshiva University

HAYMES, ELAYNE B., Associate Professor; B.A., Hunter College; M.S.W., Adelphi University; Ph.D., Fordham University

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MINDELL, CONSTANCE, Associate Professor; B.A., M.S., Boston University; D.S.W., Yeshiva University

RAKFELDT, JAAK, Professor; B.A., State University of New York at Geneseo; M.S.W., M.Phil., Ph.D., Syracuse University; Postdoctoral Fellow in Clinical Research, Yale University School of Medicine, Department of Psychiatry

SENZER, MARK, Associate Professor; B.A., Brooklyn College, City University of New York; M.S.W., Advanced Certificate, Columbia University; A.C.S.W., L.C.S.W.

SIEGEL, ELBERT, Professor; B.A., State University of New York at Buffalo; M.S., Canisius College; M.S.W., University of Connecticut; D.S.W., Columbia University; A.C.S.W.

STAMBLER, MOSES, Professor; B.A., New School for Social Research; M.A., Teachers College, Columbia University; M.P.H., M.S.W., University of Connecticut; Ph.D., New York University

APPLICATION DEADLINE:
February 16 is the priority admission date. Applications received after this date may not be considered. February 1 is the priority admission date for students applying for advanced standing status.
MASTER OF SOCIAL WORK

The Master of Social Work program, which is accredited by the Council on Social Work Education, provides students with specific knowledge and skill for advanced clinical or managerial practice of social work. The graduate will be prepared for leadership roles in either clinical social work practice, or management, policy and program planning. Graduates will be qualified for employment by both public and private agencies on local, state and national levels. The curriculum is designed to encourage innovative responses to human and social need.

The MSW curriculum is a sixty-credit program. Students elect either a clinical practice concentration or a management concentration. The first year is structured to provide the student with a generalist base of practice. The student is required to demonstrate beginning skills and competence in the foundations of social work practice with individuals, families, small groups, communities, and organizations.

The second year is structured around the student’s area of specialization in one of the following fields of practice: Elders and Families; Children and Families; Community Mental Health/Substance Abuse; Health Care Systems; and Social Work in School Settings. Two, three and four year plans are available, but students must complete the program within four years.

ADMISSIONS PROCEDURES

Applicants for the MSW program need to complete all admissions materials required by the School of Graduate Studies and the Social Work Department. In order to be considered for admission for the fall semester, all application materials must be received by the department by March 15. Applicants should call the Social Work Admissions Office (392-6624) for admission materials. Applicants are responsible for ensuring that application files are complete.

It is understood that student continuance in the social work program is contingent upon positive on-going faculty evaluation of academic performance in real and/or simulated professional training situations, and on the appropriateness of responses, attitudes, and behaviors consistent with the NASW Code of Ethics and with the standards of acceptable social work practice.

PLAN OF STUDY

The program is designed to be completed in two years of full time study. However, students needing more time are encouraged to select a three or four year plan of study. The extended study student must meet the same admission requirements as the full-time student. The student follows the same curriculum structure and course sequence, but takes fewer courses per semester. Students are required to be enrolled as a full-time student for one academic year during the period of extended study.

ADVANCED STANDING POLICY

An applicant who is a graduate of an accredited B.S.W. Program is eligible for advanced standing. If approved for advanced standing, the following courses upon evaluation may be waived: SWK 510, 550, 532, 533, 534, 570, and 571.

MASTER OF SOCIAL WORK — CLINICAL PRACTICE CONCENTRATION

The first year of the program prepares students for generalist social work practice. Social work ethics, values, foundation knowledge, professional roles, skills and tasks are emphasized. The second year will prepare students for advanced clinical practice. Client growth, development, rehabilitation and coping will be addressed.
Core Requirements — Generalist, first year
Fall (15 credits)
SWK 510 — Introduction to Social Welfare Policies and Delivery Systems
SWK 532 — Theory and Practice I (Life Model)
SWK 550 — Human Behavior in Social Environment
SWK 570 — Social Work Practicum I
SWK 521 — Social Work Practice with Alcoholic and Chemically Dependent Individuals/Families

Spring (15 credits)
SWK 529 — Social Work Practice with Culturally Diverse and Oppressed Populations
SWK 533 — Theory and Practice II - Groups
SWK 534 — Theory and Practice III - Organizations and Communities
SWK 561 — Social Work Research Methods
SWK 571 — Generalist Social Work Practicum II

Field of Practice — Specialization, second year
Fall (15 credits)
One course in social welfare policy (in specialization)
One course in advanced clinical social work
SWK 552 — Human Behavior in Social Environment (Psychopathology)
SWK 572 — Practicum III and Research Project Proposal

Spring (15 credits)
SWK 573 — Practicum IV and Research Project for the Elders and Families, Health Care Systems, Community Mental Health/Substance Abuse specializations; and Social Work in School Settings
One advanced clinical course and one elective
One course in advanced clinical social work (in specialization)

MASTER OF SOCIAL WORK — SOCIAL SERVICE MANAGEMENT CONCENTRATION
The first year of this program prepares students for generalist social work practice. Students have the same core requirements as clinical practice students. Social work ethics, values, foundational knowledge, professional roles, skills and tasks are emphasized. The second year prepares students for managerial practice in social work. Expertise is developed in policy analysis, program design and development, supervision and personnel management, program evaluation, fiscal management, and management information systems.

In addition to the generalist program requirements, the following are required in the second year of the program:
SWK 536 — Social Welfare Management I (Program Design)
SWK 537 — Supervision and Personnel Development
SWK 538 — Social Welfare Planning
SWK 561 — Social Work Research Methods
SWK 512, 516, 517, or 518 — Social Welfare Policy (in specialization)
SWK 572 — Social Work Practicum III and Research Project Proposal
SWK 573 — Practicum IV and Research Project

Two of the following three courses:
SWK 535 — Mediation for Human Service Professionals
SWK 583 — Information Systems for Social Service Management
SWK 584 — Non-Profit Fiscal Management

SOCIAL WORK COURSES

SWK 500 — Concepts and Skills in the Human Services — Introduction to Social Work Practice
This course will address the needs of incoming one-year advanced standing students who will be completing the MSW program in one year. Only students in the one-year advanced standing program are eligible to take this course. The course will focus on the development of the professional self in relation to values and ethics of the profession, beginning clinical social work practice principles and basic skills of developing a therapeutic relationship, introduction to research project, acclimation to a graduate course of study. Matriculated social work students only. Departmental permission required. Scheduled summer semesters. 3 credits.

SWK 510 — Social Welfare Policies and Delivery Systems
Philosophical, historical, analytical framework from which to view the practice of social work and human service programs in the context of the U.S. social welfare system. Scheduled fall and spring semesters. Open to non-matriculated students. 3 credits.

SWK 512 — Child Welfare Policies and Practice
The child’s rights, the child and the family, the child and the court, neglect and abuse, advocacy, foster care, and adoption are explored. Prerequisite: SWK 510. Matriculated Social Work students only. Scheduled fall and spring semesters. 3 credits.

SWK 516 — Social Welfare Policy: The Aged
Numerous theoretical frameworks, advanced practice analysis, the impact of cultural, economic, political, and social factors on policy development and service systems for elders are explored. Prerequisite: SWK 510. Matriculated Social Work students only. Scheduled spring semesters. 3 credits.

SWK 517 — Health Policy for Social Work Practice
Critical evaluation of U.S. health policies, issues and programs. Social work roles in formulation, implementation and evaluation of impact on diverse populations. Prerequisite: SWK 510. Matriculated Social Work students only. Scheduled spring semesters. 3 credits.

SWK 518 — Social Welfare Policy: Mental Health and Substance Abuse
Historical overview of mental health and substance abuse policy from colonial times to the present with cross-cultural comparisons to other societies. Current policies are stressed. Prerequisite: SWK 510. Matriculated Social Work students only. Scheduled spring semesters. 3 credits.
SWK 521 — Social Work Practice with Alcoholic and Chemically Dependent Individuals and Families
Provides the theoretical knowledge and practice orientation to alcoholism and substance abuse required for students to effectively provide social work interventions to alcoholic and substance abusing individuals and families. Scheduled fall, spring and summer semesters. Open to non-matriculated students. 3 credits.

SWK 523 — Clinical Social Work Practice with Children
This course will provide knowledge, skills, and values for social work practice with children. Emphasis will be given to vulnerable and at-risk children. Matriculated Social Work students only or departmental permission. Scheduled fall semesters. 3 credits.

SWK 529 — Social Work Practice with Culturally Diverse and Oppressed Populations
This course provides students with a theoretical understanding of culture, ethnicity, oppression, gender and race that informs clinical assessment and intervention. Focus is on the psychosocial dimensions of disempowerment and social work practice building on client strengths. Matriculated Social Work students only. Scheduled fall and spring semesters. 3 credits.

SWK 530 — Social Work Practice in Educational Setting
The challenges and opportunities of social work practice in educational settings are examined with particular focus on non-academic barriers to educational achievement. Evidence-based, clinical interventions in educational settings form the foundation of the curriculum. Pre-requisite: departmental permission. Scheduled spring semesters. 3 credits.

SWK 532 — Theory and Practice I - The Life Model
A re-conceptualization of problems, objectives, helping processes, service arrangements, worker and client roles based on the life model of social work practice. Matriculated Social Work students only. Must be taken concurrently with SWK 570. Scheduled fall semesters. 3 credits.

SWK 533 — Theory and Practice II - Groups
Generic method applied to groups as client, action or target systems, and professional teams. Models of intervention, skills, strategies, program and tasks. Prerequisite: SWK 532. Matriculated Social Work students only. Must be taken concurrently with SWK 571. Scheduled spring semesters. 3 credits.

SWK 534 — Theory and Practice III - Organizations and Communities
Analytical and transactional skills necessary for social work intervention with communities and organizations. Scheduled fall and spring semesters. Matriculated Social Work students only. 3 credits.

SWK 536 — Social Welfare Management I (Program Design)
An examination of the nature of social policy, plans for action and the allocation of responsibilities for implementing social policy programs in private and public agencies. Recommended for students enrolled in social service development or urban management concentrations. Open to non-matriculated students. Scheduled fall semesters. 3 credits.

SWK 537 — Supervision and Personnel Development
Components of effective social work supervision: administrative, educational, and supportive; skill development, assessing performance, planning in-service programs, accountability technologies, and managing socio-political relationships. Recommended
for students in social service development concentration or urban management. Open to non-matriculated students. Scheduled spring and summer semesters. 3 credits.

SWK 538 — Social Welfare Planning
Development of a knowledge base and theory to enhance planning skills in the context of the social work profession, with specific focus on socio-political and rational tasks. Scheduled spring semesters of even numbered years. Open to non-matriculated students. 3 credits.

SWK 540 — Advanced Clinical Practice with Elders
Knowledge, skills, and methods needed to demonstrate effective clinical practice with the aged. Co-requisite: SWK 572 or departmental permission. Scheduled fall semesters. 3 credits.

SWK 541 — Clinical Issues in Long Term Care for the Elderly
Clinical issues and effects of long term institutional treatment and care for the elderly population who are in need will be examined from an historical, institutional, and interventive point of view. Scheduled fall semesters. Open to non-matriculated students. 3 credits.

SWK 542 — Advanced Clinical Practice in Medical and Rehabilitative Care
Knowledge, skills and methods needed for effective clinical practice in medical care systems, and in the context of a managed care environment. Co-requisite: SWK 572 or departmental permission. Scheduled fall semesters. 3 credits.

SWK 543 — Advanced Clinical Practice with Children and Adults
Knowledge, skills and methods needed for effective direct practice with children and families. Co-requisite: SWK 572 or departmental permission. Prerequisite: SWK 571. Scheduled fall semesters. 3 credits.

SWK 544 — Advanced Clinical Practice with Families
Provides students with social work theories, skills and values essential for practice with families. Emphasis will be given to special needs of vulnerable populations, diverse ethnic groups, prevention and empowerment. Co-requisite: SWK 573 or departmental permission. Scheduled spring semesters. 3 credits.

SWK 545 — Advanced Clinical Practice with Later Life Families
Provides an overview of later life families (60 years or older) using social and psychological perspectives for understanding adaptive and non-adaptive changes to family restructuring to late life developmental changes for the purposes of social work family interventions. Co-requisite: SWK 573 or departmental permission. Scheduled spring semesters. 3 credits.

SWK 546 — Human Behavior in the Social Environment
Development of human behavior throughout the life cycle in various environments will be explored. The ecological, dual, conflict, psychodynamics and developmental perspectives will be emphasized. Open to non-matriculated students. Scheduled fall and summer semesters. 3 credits.

SWK 547 — Human Behavior in the Social Environment — Psychopathology
Identify and understand etiology, symptoms and course of psychiatric disorders. Impact of bio-psychosocial variables, genetic factors, and human diversity on onset and course of psychopathology will be studied. Prerequisite: Matriculated Social Work students only. Scheduled fall and summer semesters. 3 credits.
SWK 554 — Violence in the Family: Interventive Strategies
Themes of violence in the family; socio-political theories of violence; diverse interventions; violence and oppression; implications for social work, law, and medical professions. Scheduled spring semesters. Cross-listed as WMS 554. Open to non-matriculated students. 3 credits.

SWK 556 — Advanced Clinical Practice in Mental Health and Substance Abuse
Principles and practices requiring specialized knowledge and skills to work with persons with severe and prolonged mental illness and/or substance abuse problems and their families in the community are reviewed. An emphasis on cognitive behavioral approaches is stressed. Open to matriculated Social Work students only. Co-requisite: SWK 572 or departmental permission. Scheduled fall semesters. 3 credits.

SWK 559 — Current Issues in Community Mental Health and Substance Abuse
This course will explore innovative community care approaches as well as emerging trends for working with persons with severe and prolonged mental disorders in the field of community mental health. This course will emphasize social work intervention using psychosocial rehabilitation approaches for individuals and families seeking services from public mental health agencies. Scheduled fall semesters. Open to matriculated Social Work students only. 3 credits.

SWK 561 — Social Work Research Methods
Students will be required to develop and implement a scientific investigation in social welfare, culminating in a paper suitable for publication and presentation in a professional colloquium. Prerequisite: SWK 570 or departmental permission. Scheduled spring semesters. 3 credits.

SWK 565 — Social Work Practice with Chronic Illness and Conditions
Impact of chronic illness and/or conditions on patient, family, community and health care industry. Social work skills in working with these systems are stressed. Co-requisite: SWK 573 or departmental permission. Scheduled spring semesters. 3 credits.

SWK 566 — Social Work Practice in Brief Treatment Models
Provides the student with an understanding of brief treatment models of therapy and their application to social work practice. There will also be an emphasis on their effectiveness within managed care settings. Co-requisites: SWK 573 or departmental permission. Scheduled spring semesters. 3 credits.

SWK 567 — Social Work Practice in Crisis Situations
Different types of crisis situations experienced by individuals, families and groups. Emphasis on the assessment of developmental and situational crises. Effective social work intervention strategies to use within person-in-environment perspective with at risk groups. Co-requisite: SWK 572 or departmental permission. Scheduled fall semesters. 3 credits.

SWK 568 — Addictive Behaviors: Intervention Strategies for Clinical Practice
Identification of the addictive behaviors of substance use, gambling, sex and overeating in individuals across the life-span. Emphasis on effective social work strategies with addicted individuals and their families within the person in environment perspective. Prerequisite: SWK 521 or departmental permission. Scheduled wintersession or summer semesters. 3 credits.

SWK 570 — Generalist Social Work Field Practicum I
The supervised field practicum provides opportunities for the student to apply conceptual material to practice situations and to develop professional practice
competency. Weekly seminar required which focuses on micro-counseling skills and intervention models. Open to matriculated students in Social Work. Co-requisite: Must be taken concurrently with SWK 532. Scheduled fall semesters. 3 credits.

SWK 571 — Generalist Social Work Field Practicum II
Supervised field practicum and weekly seminar is a continuation of SWK 570. The seminar focuses on developing professional assessment skills and procedures employed in various settings. Open only to matriculated students in Social Work. Co-requisite: Must be taken concurrently with SWK 533. Scheduled spring semesters. 3 credits.

SWK 572 — Practicum III and Research Project Proposal
A supervised field practicum in the specialization concurrent with weekly seminar. The field practicum provides opportunity to develop professional practice competency and to produce a research proposal in the specialization. Prerequisite: SWK 571. Scheduled fall semesters. 3-6 credits.

SWK 573 — Practicum IV and Research Project
A supervised field practicum in the specialization concurrent with weekly seminar. The field practicum provides opportunity to develop professional practice competence and to submit an acceptable research project in the specialization. Prerequisite: SWK 572. Scheduled spring semesters. 6 credits.

SWK 583 — Information Systems for Social Service Management
This course provides knowledge of management information systems design and implementation; evaluative research design and methods; and utilization of both for organizational decision making and policy settings. Open to non-matriculated students. Scheduled spring semesters of odd years. 3 credits.

SWK 584 — Non Profit Fiscal Management
Administrative decision-making related to financial planning and resource allocation in government, non-profit, or human service organizations. Knowledge and skills in budgeting, allocating, and expenditure control are studied in detail. Related activities such as fundraising, grant writing, public relations, and evaluation are briefly covered. Open to non-matriculated students. Scheduled spring semesters. 3 credits.

SWK 600 — Independent Study and Research
Study of an area of social work practice under the direction of a faculty member and with the consent of the chairperson of the department. Prerequisite: departmental permission. 1-3 credits.

The following courses have been approved but are not scheduled for 2006-2007.

SWK 500 — Concepts and Skills in the Human Services — Introduction to Social Work Practice
SWK 501 — Family Strengthening Training
SWK 511 — Social Welfare Policy Analysis
SWK 513 — Social Work and Law
SWK 514 — Comparative Social Welfare Systems
SWK 515 — Social Welfare Policy: The Family
SWK 520 — The Informal Helping System in Social Welfare
SWK 525 — Faith Perspectives and Human Services
SWK 526 — Geriatric Medicine for Social Work
SWK 531 — Social Work Practice (Generic)
SWK 535 — Mediation for Human Service Professionals
SWK 539 — Social Work with Youth: Applying Theories of Deviance
SWK 543 — Social Work with the Developmentally Disabled
SWK 544 — Ethical Decision-Making Process for Social Work Practice
SWK 546 — Case Management for Social Work Practice
SWK 547 — Advanced Social Work Practice with Groups
SWK 555 — Sexual Minorities: A Social Work Response
SWK 557 — Issues of Values and Social Work Ethics in Long Term Care
SWK 558 — AIDS: A Social Work Response
SWK 560 — Social Welfare Policy and Evaluation
SWK 580 — Seminar in Social Work Practice
SWK 581 — Seminar in Social Policy
SWK 582 — Seminar in Social Service Development
SOCIETY

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EMMELMAN, DEBRA S., Professor; B.A., Indiana University; M.A., Ph.D., University of California at San Diego

KENTY-DRANE, JESSICA L., Assistant Professor; B.A., University of New Hampshire; M.A., Ph.D., Northeastern University

POLKA, JOSEPH A., Professor; B.A., Wheeling College; M.A., Duquesne University; Ph.D., Fordham University

RYAN, MICHAEL L., Professor; B.A., Fordham University, M.A., Professional Diploma, Teachers College, Columbia University; Ph.D., University of Missouri

APPLICATION DEADLINE:
Rolling admissions.

The graduate program in sociology emphasizes the systematic study and understanding of social problems. Areas of concentration include criminal justice, gender and family, social inequality, and deviance. Emphasis is placed on developing the capacity to conceptualize, investigate, and evaluate issues within a socio-cultural framework.

ADMISSION REQUIREMENTS:
To be accepted into the Sociology Department's Master of Science degree program, candidates must have a cumulative undergraduate quality point ratio of 3.0 or higher. Additionally, the Sociology Department requires that:

• Candidates submit scores obtained on the GRE.
• Candidates submit two to three recommendations attesting to their professional promise and academic ability.
• Candidates submit a one page statement explaining why they are interested in pursuing the Master of Science in sociology.
• Candidates submit a writing sample from a previously completed course.

Candidates with less than a 3.0 but at least a 2.5 cumulative undergraduate quality point ratio may be given conditional acceptance into the program, provided their application files are complete and satisfactory. Upon completion of three courses with a grade point ratio of "B" or higher, candidates may be given unconditional acceptance into the program. A limited number of candidates are awarded conditional acceptance each year.

Candidates with less than a 2.5 but at least a 2.0 cumulative undergraduate quality point ratio can take classes on a non-matriculated basis. After completion of three courses with a "B" or higher and a complete and satisfactory application file, candidates may apply for acceptance into the program. Acceptance is not guaranteed upon completion of 9 credits.

MASTER OF SCIENCE PROGRAM
The M.S. planned program consists of a minimum of 36 credits of study, including 18 credits of core course work and 18-21 credits oriented toward the unique
interests and capstone requirements of individual students. Students with very strong undergraduate backgrounds in sociology may also be allowed to take as many as two courses from other departments.

Core Course Requirements (18 credits)
SOC 500 — The Individual and Society
SOC 502 — Community Sociology
SOC 570 — Research Methods in Sociology
SOC 571 — Qualitative Research Methods
SOC 572 — Quantitative Research in Sociology
SOC 580 — Applied Sociological Theory

Another course in research methods may be selected upon approval of the graduate coordinator.

Master’s Thesis
Requires 30 graduate credits in a planned program and successful completion of a thesis (6 credits) for a total of 36 credits.

Comprehensive Examination
Requires 36 graduate credits of approved course work and passing a comprehensive examination covering research methods and two other areas of concentration.

Special Project
Requires 39 credits of approved course work and completion of a special project conducted under the supervision of an approved department faculty member.

GRADUATE SOCIOLOGY COURSES

SOC 500 — Society and the Individual
Micro sociological analysis of contemporary societies, with emphasis on interactionist and phenomenological viewpoints. Topics for analysis include culture, race, small group behavior, socialization, and various forms of social interaction. Scheduled alternate fall semesters. 3 credits.

SOC 502 — Community Sociology
Sociological principles and concepts used in the study and analysis of the community. The social, economic and political issues and challenges faced in fostering and maintaining community spirit and organization. Scheduled alternate spring semesters. 3 credits.

SOC 504 — Gender and the Law
An analysis of the American legal system as it has affected women from the 18th century to the present. Course content is applicable for any student with an interest in the law. Topics include constitutional protections for equality, Title VII (including sexual harassment and sex discrimination), reproductive rights, domestic violence, and Title IX (educational and sports equity). Cross-listed as WMS 504 and EDL 674. Scheduled alternate spring semesters. 3 credits.

SOC 510 — Ethnic and Racial Relations
Intergroup relations involving races, religious groups, and nationalities. Societal impact of prejudice, discrimination and segregation. Scheduled alternate spring semesters. 3 credits.
SOC 515 — Sociology of Gender
Theory and data on the social construction of gender. Advanced exploration of identity formation, social change and persistence, interactive patterns and inequalities. Impact of gender on the individual and society. Scheduled alternate fall semesters. Cross-listed as WMS 515. 3 credits.

SOC 529 — Race, Class, and Gender
Explores the intersection of race, class, and gender in social relations. Uses a wide variety of theoretical perspectives to investigate the ways that race, class, and gender are intersected and the impact this interrelationship has on the experiences and opportunities of individuals and their social location. Cross-listed as ANT 529 and WMS 529. Scheduled alternate spring semesters. 3 credits.

SOC 551 — Sociology of Religion
Explores sociological perspectives on religion as a source of both social change and resistance to social change. Religious influences on policy and discourse nationally and globally are examined, along with sociological models of religious experience, identity, affiliation and structure. Scheduled alternate spring semesters. 3 credits.

SOC 555 — Criminal Justice and Minorities
Sociological investigation of disparities in rates of minority status persons as victims and convicted perpetrators of crime. Biases of police, courts, and correctional agencies. Possible preemptive measures on both community and socio-economic levels. Scheduled alternate spring semesters. 3 credits.

SOC 556 — Juvenile Delinquency
Definition of delinquency, classifications of delinquents, and theories of causation. The juvenile justice system and the current controversies surrounding the treatment and control of delinquency. Scheduled alternate fall semesters. 3 credits.

SOC 565 — The Changing Family
Contemporary families and problems relating to poverty, minority status, illness, rapid social change. Alternative family life styles and the future of the family. Scheduled alternate spring semesters. 3 credits.

SOC 566 — Crime and the Criminal
Sociological theory and data on the causes, persistence and possible prevention of crime, the changing social dimensions of crime, legal and political agendas, and the socialization and role enactment of being a criminal. Scheduled alternate fall semesters. 3 credits.

SOC 569 — Sociology of Deviant Behavior
Explanations of deviance: mental illness, alcoholism, drug addiction, sexual deviations, family disruptions, suicide, crime and delinquency, and discrimination. Scheduled alternate fall semesters. 3 credits.

SOC 570 — Research Methods in Sociology
Analysis of the logic of scientific investigation of social phenomena; theory construction, and the relation between theory and research with examples from studies in sociology and anthropology. Survey of major procedures and principle techniques of empirical work, and practical familiarity with some phases of the research process. Formerly SOC 591. Scheduled alternate fall semesters. 3 credits.

SOC 571 — Qualitative Research in Sociology
The design and execution of qualitative research. Topics include observational
and interviewing techniques, analytic induction, analysis of material culture and ethics in social research. Students will complete an ethnographic study of a public setting. Scheduled alternate spring semesters. 3 credits.

SOC 572 — Quantitative Research in Sociology
Current quantitative methods applied to survey construction, interview strategy, data collection, analysis and interpretation. Discussion of ethical and philosophical issues surrounding quantitative analysis, along with general protocol and practices. Quantitative approaches to attitudes, events or cultural meanings. Prerequisite: SOC 570 and graduate standing. Scheduled alternate spring semesters. 3 credits.

SOC 580 — Applied Sociological Theory
Sociological theories applied to one or more social issues consequential to life in the U.S., such as discrimination, gang violence, corporate crime, global inequality and emerging current events. The Paradigms covered include functionalist, conflict, interpretive, post-modernist and feminist sociologies. Emphasis is placed on contrasting pedagogues and the different research considerations implied in each. Scheduled alternate fall semesters. 3 credits.

SOC 582 — Sociology of Education
Examination of the nature of knowledge as transmitted by educational and related institutions. How education and knowledge are enacted within a socio-cultural system, and influenced by social class, politics, religion and ethnicity. Topics include the school as an agent of socialization and stratification, as well as school organization and reform. Scheduled alternate spring semesters. 3 credits.

SOC 590 — Thesis Proposal in Sociology
For thesis students only. Development of thesis proposal. Prerequisite: departmental permission. Always scheduled. 3 credits.

SOC 591 — Thesis Research in Sociology
For thesis students only. Implementation of research design from approved thesis proposal and written presentation of findings. Prerequisite: departmental permission. Always scheduled. 3 credits.

SOC 600 — Directed Independent Study and Research
With permission of the department. Not to be taken in lieu of thesis seminar. Always scheduled. 3 credits.

The following course has been approved but is not scheduled for 2006-2007.

SOC 557 — Correctional Policies and Agencies
SPECIAL EDUCATION

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OLSHIN, GEORGE M., Professor; B.A., M.S., City College of New York; Ed.D., University of Georgia

PERRAS, DONALD F., Associate Professor; B.S., University of Bridgeport; M.A., Fairfield University; Ph.D., George Peabody College

ROSCOW, MARAVENE T., Professor; B.A., Duke University; M.S., Sixth Year Diploma, Southern Connecticut State University; M.A., Ph.D., Columbia University

SALTMAN, JOYCE, Professor; B.A., Brooklyn College; M.S., Hunter College; M.S., Sixth Year Diploma, Southern Connecticut State University; Ed.D., Columbia University

SWERLING, LOUISE, Professor, B.A., University of Connecticut; M.S., Southern Connecticut State University; M.S., Ph.D., Yale University

ULLMAN, MARYANNE, Associate Professor; B.S., M.S., Southern Connecticut State University

APPLICATION DEADLINE:
Rolling admissions

MASTER OF SCIENCE DEGREE PROGRAMS

Patricia Major, Graduate Program Coordinator

Since students enter graduate programs with varied backgrounds and experiences, two patterns of study are offered in the master’s degree program. Variations may be made within patterns in recognition of the needs and backgrounds of individual students.

All master’s degrees in special education require 30 credits, including a minimum of 24 graduate credits. Six credits at the 300 or 400 level may be included with adviser’s approval.

For teachers with provisional certification in special education who wish to earn a master of science degree in this field while fulfilling requirements for a professional educator certificate, a planned program of study is developed in consultation with an adviser. Courses should not be taken without an adviser’s approval.

Liberal arts graduates and teachers seeking to extend existing certification while they are earning a master of science degree in special education follow a program of study adjusted to their particular needs and previous college studies. Students in this category should anticipate taking additional courses at the undergraduate and graduate levels in order to develop the background necessary to enter the field of special education. These students must also satisfy all Connecticut competency examination and certification requirements currently in effect. Refer to the section “Admission to Teacher Certification Programs” in the beginning of this catalog. Students certified in any other area of education should contact the Connecticut State Department of Education about cross endorsement. Cross endorsement students must apply to the School of Graduate Studies and matriculate if they plan to take
more than 6 credits. Students must maintain a 3.0 GPA with no grade lower than a grade of "C". Students must also complete a series of Gate-related requirements to maintain matriculation status. Please see advisors for information.

CERTIFICATION IN SPECIAL EDUCATION
Graduate students may become certified in Special Education in conjunction with a master’s program or in a “certification only” program. Candidates must meet all teacher certification entrance and exit requirements. Refer to the section entitled “Admission to Teacher Certification Programs” in the beginning of this catalog under “Application and Admission” for additional information regarding acceptance to a certification program, PRAXIS examinations, and student teaching. Students must also compete the following courses: SED 225, SED 235, SED 325, SED 335, SED 365, SED 375, SED 435, SED 445, SED 449, SED 452 and two student teaching experiences.

M.S. in Special Education — 30 credits
Admission and program requirements are as follows:
• 2.7 minimum undergraduate GPA
• The program can include 24 credits at the 500 level and six credits at the 300 or 400 level. (30 credit total)
• Each student must choose an area of concentration for the master's program from the following:
  Interdisciplinary
  Learning Disabilities
  Serious/Emotional Disabilities
  Early Childhood Special Education
  Adaptive Technology
• an interview, essay and two letters of recommendation
The program includes a culminating requirement such as a thesis or comprehensive exam. Contact the Special Education Office for information on acceptance to the program.

M.S. in Special Education and Certification
Admission and program requirements are as follows:
• 2.7 minimum undergraduate GPA
• Twenty-nine credits and two six-credit student teaching assignments are required for certification; twenty-four additional graduate credits are required for the master’s degree.
• Each student must choose an area of concentration for the master's program from the following:
  Interdisciplinary
  Learning Disabilities
  Serious/Emotional Disabilities
  Early Childhood Special Education
  Adaptive Technology
This program requires acceptance into the master’s program and acceptance into the
certification program. All planned programs will be processed only after the latter acceptance. Packets outlining departmental acceptance requirements can be obtained at the Special Education Office.

The program includes a culminating requirement such as a thesis or comprehensive examination.

Certification for Additional Endorsement in Special Education
Students may follow state prescribed course requirements to gain a second endorsement that will be added to the one currently held. Students may include courses in a planned program for a master’s degree in special education. Cross endorsement students must apply to the School of Graduate Studies and matriculate if they plan to take more than six credits. The following are suggested courses for cross endorsement (other course combinations may also satisfy state requirements):

SED 225 — Introduction to Exceptional Individuals
SED 325 — Curriculum and Methods for Exceptional Individuals
SED 335 — Teaching Individuals with Physical Disabilities
SED 365 — Basic Principles of Academic Assessment & Remediation
SED 375 — Classroom Management Techniques in Educational Settings
SED 435 — Language Arts for Exceptional Individuals: Assessment & Instruction
SED 445 — Regular Education Initiative/Collaboration/Consultation

and two practica from:
SED 519 — Clinical Practices in Mental Retardation/Intellectual Disabilities
SED 529 — Clinical Practice with the Seriously Emotionally Disabled
SED 539 — Clinical Practices in Learning Disabilities

CERTIFICATION PROGRAMS
COLLABORATIVE EARLY CHILDHOOD
The Departments of Education and Special Education jointly offer the Collaborative Early Childhood teacher certification program at the graduate level. Students seeking teaching certification or cross endorsement in collaborative early childhood may specialize in either Birth to Kindergarten or Nursery to Grade 3. The graduate Early Childhood Collaborative Certification Program may be pursued on a full-time or part-time basis. A Master’s degree in either Education or Special Education can be planned concurrently.

REQUIRED COURSES FOR BIRTH TO KINDERGARTEN CERTIFICATION
Foundations of Education — 3 credits in addition to SED 481
EDF 520 — Child in the American Culture - 3 credits
EDF 523 — Social Foundations of Education - 3 credits
SED 481 — Teaching Exceptional Children in the Elementary Classroom – 3 credits

Curriculum and Methods of Teaching — 18-21 credits
EDU 506 — Language Arts and Children’s Literature - 3 credits
EDU 533 — Curriculum Design and Methods for Nursery — Grade 3 - 3 credits
EDU 537 — Day Care: Policies and Programs – 3 credits
EDU 573 — Language Arts: A Developmental Approach - 3 credits
SED 550 — Early Childhood Special Education - 3 credits
SED 552 — Evaluation and Service Delivery in Early Childhood - 3 credits
SED 553 — Assessment and Intervention in Early Childhood - 3 credits
SED 600 — Independent Study - 3-6 credits

Working with Families — 3 credits
EDU 538 — Parenting Education: Programs & Approaches - 3 credits
SED 551 — Parent-Professional Relationships - 3 credits

Student Teaching — 12 credits
EDU 300, 400, 450 or 451 based on advisement — Two eight week student teaching experiences

Additional Background Requirements — 15 credits in human growth and development
SHE 203 — School Health

Required Courses for Nursery to Grade 3 Certification
Foundations of Education — 3 credits in addition to SED 481
EDF 520 — Child in the American Culture - 3 credits
EDF 523 — Social Foundations of Education - 3 credits
SED 481 — Teaching Exceptional Children in the Elementary Classroom - 3 credits
Curriculum and Methods of Teaching — 18-21 credits (6 credits in language arts)
EDU 504 — Mathematics in the Elementary School - 3 credits
EDU 506 — Language Arts and Children’s Literature - 3 credits
EDU 533 — Curriculum Design and Methods for Nursery — Grade 3 - 3 credits
EDU 534 — Curriculum Design and Methods for the Elementary Classroom - 3 credits
EDU 573 — Language Arts: A Developmental Approach - 3 credits
SED 550 — Early Childhood Special Education - 3 credits
SED 553 — Assessment and Intervention in Early Childhood - 3 credits
SED 554 — The At-Risk Child in the Early Elementary Grades: Instruction and Assessment - 3 credits

Working with Families — 3 credits
SED 551 — Parent-Professional Relationships - 3 credits
EDU 538 — Parenting in Education: Programs & Approaches - 3 credits

Student Teaching — 12 credits
EDU 300, 400, 450 or 451 based on advisement — Two eight week student teaching experiences

Additional Background Requirements:
15 credits in human growth and development
MASTERS DEGREE AREAS OF CONCENTRATION:

ADAPTIVE TECHNOLOGY — 15 CREDITS REQUIRED IN CONCENTRATION
- Barbara Shiller, Area Head
- SED 517 — Introduction to Adaptive Technology
- SED 593 — Adaptive Technology for Reading and Writing
- SED 594 — Software for Individuals with Disabilities
- SED 595 — Adaptive Technology Assessment
- SED 596 — Clinical Practice in Adaptive Technology
Note: A twelve credit certificate program in Adaptive Technology is available
under advisor supervision.

EARLY CHILDHOOD SPECIAL EDUCATION — 18 CREDITS REQUIRED IN
CONCENTRATION
- Patricia Major, Area Head
- SED 550 — Early Childhood Special Education
- SED 551 — Parent-Professional Relationships
- SED 552 — Evaluation and Service Delivery in Early Childhood
- SED 553 — Assessment and Intervention in Early Childhood
- SED 558 — Early Childhood Special Education Teacher as Team Facilitator
- SED 559 — Clinical Practices in Early Childhood Special Education
Electives may be chosen from Special Education or related courses with adviser
approval.

INTERDISCIPLINARY SPECIAL EDUCATION — 21 CREDITS REQUIRED IN
CONCENTRATION
- George Olshin, Area Head
- IDS 553 — Grant Writing and Funding Sources
- IDS 562 — Child Abuse: An American Problem
- SED 516 — Field Studies in Special Education
- SED 519 — Clinical Practices in Intellectual Disabilities
- SED 560 — Planning for Individuals with Special Needs
- SED 605 — Administration and Supervision of Programs for Individuals with
Special Needs

LEARNING DISABILITIES — 15 CREDITS REQUIRED IN CONCENTRATION
- Louise Swerling, Area Head
- SED 530 — Approaches to Learning Disabilities: Issues and Research
- SED 535 — Programming for Learning Disabilities: Middle and Secondary Levels
- SED 536 — Diagnostic Testing and Reporting in Learning Disabilities
- SED 537 — Seminar in Learning Disabilities
- SED 539 — Clinical Practices in Learning Disabilities
SED 554 — The At-Risk Child in the Early Elementary Grades: Instruction and Assessment

SERIOUSLY EMOTIONALLY DISABLED — 18-21 CREDITS REQUIRED IN CONCENTRATION
Don Perras, Area Head

SED 523 — Developmental Intervention with the Seriously Emotionally Disabled
SED 525 — Affective Education Techniques to Promote Social/Emotional Growth
SED 526 — Seminar in Education of the Seriously Emotionally Disabled
SED 529 — Clinical Practices with the Seriously Emotionally Disabled
Choose two:
SED 524 — Problems in Education of Children with Serious Emotional Disabilities
SED 527 — Classroom Group Processes with Exceptional Children
SED 620 — The Adolescent with Serious Emotional Disabilities
SED 621 — Interpersonal and Collaborative Skills in Education

Electives may be chosen from Special Education or related courses with adviser approval.

For a combined Learning Disabilities/Seriously Emotionally Disabled concentration, see Patricia Major for details.

Special Education Comprehensive Examination Schedule
• Fall — Study Session: Third Saturday in October, 10 a.m.-12 noon
  Comprehensive Examination: Third Saturday in November, 9 a.m.-1 p.m.
• Spring — Study Session: First Saturday in March, 10 a.m.-12 noon
  Comprehensive Examination: First Saturday in April, 9 a.m.-1 p.m.

NOTE: If Easter falls on the first Sunday in April, comprehensive examinations will be held on the second Saturday.

NOTE: The comprehensive examination for the Early Childhood Special Education concentration is offered in the fall only.

SIXTH YEAR PROFESSIONAL DIPLOMA IN SPECIAL EDUCATION
Pamela Brucker, Coordinator

The major purpose of the sixth year professional program is to extend professional knowledge of practitioners in school programs for exceptional children. Corollary objectives provide for advanced professional preparation in special education, expansion of knowledge concerning other areas of exceptionality, and creating an awareness of the problems concerned with special education administration and supervision. The program is open to candidates who hold a Master’s degree. Admission requirements include a departmental interview, submission of an essay, and two letters of recommendation.

Individual programs are planned by the adviser and are based upon the applicant’s background, training, and educational experience. Up to six credits of transfer credit is allowed only if the courses transferred are commensurate with those required for the sixth year program.

SIXTH YEAR PROFESSIONAL DIPLOMA (COLLABORATION/CONSULTATION)
Stuart A. Gerber, Area Head

Inclusion and student diversity are changing the way in which educational services are delivered. Teachers and support staff increasingly collaborate in the classroom to individualize and enhance instruction for students with special needs. This course of study prepares educators in a wide range of collaborative approaches, including teamwork, co-teaching, coaching, and consultation, and includes core courses, guided application projects, and participation in a collaboration/consultation practicum. The five courses in collaboration/consultation may be taken with the courses required for certification in Educational Leadership as an Intermediate Administrator.

Area of Specialization — 15 credits
SED 621 — Interpersonal and Collaborative Skills in Education
SED 622 — Consultation and Support Skills for the Educator
SED 623 — Advanced Consultation and Collaborative Program Development in Education
SED 624 — In-service Training and Workshops in Special Education
SED 625 — Clinical Practices in Educational Collaboration and Consultation
15 credits of electives — 500 level or above

SPECIAL EDUCATION COURSES
SED 508 — Seminar in Disabilities Studies I
This course will explore the array of situations and conditions that lead to defining and categorizing “disability”. It will provide students a foundation to develop individually defined areas of interest in educational and community settings. Scheduled fall semesters. 3 credits.

SED 512 — Curriculum Methods and Materials for Students with Autism Spectrum Disorders and Other Developmental Disabilities
This course provides curriculum, methods and strategies to address challenges associated with autism spectrum disorders and other developmental disabilities. Students will review a child’s disabilities and obtain current knowledge about existing, evidence-based strategies. Prerequisite: SED 520. 3 credits.

SED 514 — Transition within Disability Services
Dealing with other professionals, participating in and leading interdisciplinary teams, and developing community resources. Scheduled alternate spring semesters. 3 credits.

SED 516 — Field Studies in Special Education
Clinical practices in agencies, institutions, and independent living facilities. Graduate Educateurs only. Scheduled alternate spring semesters. 3 credits.

SED 517 — Introduction to Adaptive Technology
An overview of hardware and software for students with learning, cognitive, sensory and physical disabilities, this course focuses on accessing and adapting computers. Technology integration and methods for collaborating with related services professionals are explored. Prerequisites: SED 225 or 481 or 482 and SED 335 or departmental permission. 3 credits.

SED 519 — Clinical Practices in Developmental Disabilities
Supervised experience in planning and implementing instruction for students
with developmental disabilities. Prerequisite: SED 325 and departmental permission. Scheduled summer semesters. 1-6 credits.

SED 520 — Nature and Needs of Individuals with Autism Spectrum and Other Developmental Disabilities
Overview of autism spectrum and other developmental disabilities, including definitions, origins and characteristics. IDEA requirements and legal issues as well as the roles and responsibilities of families in the educational process will be addressed. 3 credits.

SED 523 — Developmental Intervention with the Seriously Emotionally Disabled
Course presumes acquaintance with psycho-educational and behavior modification approaches. Emphasis is on understanding management strategies within a developmental framework so that selection and timing of interventions can have maximum effectiveness. Prerequisite: SED 375 or equivalent. Scheduled fall semesters. 3 credits.

SED 524 — Problems in Education of Children with Serious Emotional Disabilities
The use of transactional analysis, gestalt and reality therapy with classroom application for socially and emotionally maladjusted youngsters. Includes techniques for counseling parents of special children. Scheduled fall semesters. 3 credits.

SED 525 — Affective Education Techniques to Promote Social/Emotional Growth
Affective development of the student; promoting emotional growth and mental health in the classroom; identification, specification, and evaluation of social-emotional goals. Scheduled spring semesters. 3 credits.

SED 526 — Seminar in Education of the Seriously Emotionally Disabled
Group discussion course investigating contemporary topics related to education. Prerequisite: SED 523 and 525. Scheduled spring semesters. 3 credits.

SED 527 — Classroom Group Processes with Exceptional Children
Issues of trust, communication, feedback, use of space and time, and group management skills. Scheduled spring semesters. 3-4 credits.

SED 528-529 — Clinical Practices with the Seriously Emotionally Disabled I, II
Supervised teaching experience with students who have behavior problems. Prerequisite: SED 375 and departmental permission. Scheduled summer semesters. SED 528 — 3 credits. SED 529 — 1-3 credits.

SED 530 — Approaches to Learning Disabilities: Issues and Research
Cause, identification, diagnosis, and remediation. Research evidence on effectiveness of different diagnostic and remediation approaches. Scheduled fall, spring, and summer semesters. 3 credits.

SED 535 — Programming for Learning Disabilities: Middle School and Secondary Level
Techniques for advanced academic skills, vocational and career education considerations, and delivery of services. Prerequisites: SED 365, 435. Scheduled fall semesters. 3 credits.

SED 536 — Diagnostic Testing and Reporting in Learning Disabilities
Understanding and application of basic measurement concepts used to plan a total educational program for a child. Prerequisites: SED 365, 435, 535 or 554 and departmental permission. Scheduled fall and spring semesters. 3 credits.

SED 537 — Seminar in Learning Disabilities
Synthesis and integration of theoretical and practical aspects of the field, historical perspectives and examination of issues and research. Prerequisite: SED 530 (may be taken concurrently). Scheduled fall and spring semesters. 3-4 credits.

SED 539 — Clinical Practices in Learning Disabilities
Supervised experience in teaching learning disabled children in both clinical and public school settings. Prerequisites: SED 365, SED 435 and departmental permission. Scheduled summer semesters. 1-6 credits.

SED 550 — Early Childhood Special Education
Child development theory related to developmentally and individually appropriate practice and to model program development. Research findings relevant to promoting young children’s growth in key developmental areas. Prerequisite: SED 225, 481 or equivalent. Scheduled fall and spring semesters. 3 credits.

SED 551 — Parent—Professional Relationships
Legal, ethical and practical aspects of working with families to support the development of children with special needs. Family systems theory, cultural awareness, and communication skills as they relate to working effectively with families. Scheduled spring semesters. 3 credits.

SED 552 — Birth to 3: Assessment and Curriculum
Developmental and educational assessment and program planning for infants and toddlers. Methods for facilitating development through play, instructional and environmental adaptations, and individualized planning. Assignments involving observations of infants and toddlers required. Prerequisite: SED 550. Scheduled fall semesters. 3 credits.

SED 553 — Preschool: Assessment and Curriculum
Methods for facilitating development through play, instructional and environmental adaptations, and individualized planning. Assignments will require observations of preschool children in a group setting. Prerequisites: SED 550 and SED 552 or departmental permission. Scheduled spring semesters. 3 credits.

SED 554 — The At-Risk Child in the Early Elementary Grades: Instruction and Assessment
Selection and use of instructional procedures and materials for cognitive and social growth in young disabled and/or “at risk” children (ages 5-8). Scheduled fall and spring semesters. 3 credits.

SED 558 — The Early Childhood Special Education Teacher as Team Facilitator
A study of the teacher’s role as member and/or facilitator of an ECSED transdisciplinary team. A didactic and experiential format will be used. Co-requisite: SED 559. Prerequisites: SED 550, SED 551, SED 552, and SED 553 and departmental permission. Scheduled summer semesters. 3 credits.

SED 559 — Clinical Practice in Early Childhood Special Education
Supervised experience in planning, conducting, and evaluating educational experiences for preschool handicapped children. Prerequisites: SED 550, 551, 552, 553 and departmental permission. Scheduled summer semesters. 3 credits.

SED 560 — Planning for Individuals with Special Needs
A broad overview of special education as related to general education and other specialized areas such as psychological services, counseling, physical education, and reading. Graduate Educateurs only. (formerly SED 510) Prerequisite:
departmental permission. Scheduled alternate fall semesters. 3 credits.

SED 575 — Healing, Education, Laughter and Play
Exploration of the roles of humor, creativity and healing in education and related fields. In a combination of lectures and group activities, a variety of nationally acclaimed speakers will share their expertise. Scheduled summer semesters. 3 credits.

SED 587 — Adapting the Classroom for the Educationally At-Risk Student
School based procedures that facilitate the pre-referral programming and alternative educational delivery system options for at-risk students. School restructuring, curriculum based assessment, and the use of collaboration and consultation approaches will be among the topics discussed. Prerequisite: B.S. or M.S. in education and one year teaching experience. Scheduled summer semesters. 3 credits.

SED 590 — Thesis Seminar
Provides an opportunity to discuss research ideas in consultation with faculty advisers. Prerequisite: departmental permission. Scheduled fall and spring semesters. 6 credits.

SED 593 — Adaptive Technology for Reading and Writing
Explores how hardware and software can enable students with reading and writing disabilities to achieve educational goals. Techniques for using computers in the learning process examined, with hands-on experience in the Adaptive Technology Lab. Prerequisites: SED 517 and 530 or departmental permission. 3 credits.

SED 594 — Adaptive Technology for Individuals with Multiple Disabilities
Software options to address the learning needs of students with a variety of disabilities and curriculum levels will be examined, explored and evaluated in this hands-on class. Students will learn to customize software for individual students. Prerequisite: SED 517 or departmental permission. 3 credits.

SED 595 — Adaptive Technology Assessment
This is a case study approach to choosing the most appropriate technology options for students of all ages with a variety of disabilities. Integrating the technology into the classroom setting will be emphasized. Prerequisites: SED 517, 593 and/or 594 or departmental permission. 3 credits.

SED 596 — Clinical Practice in Adaptive Technology
Supervised practice in adaptive technology assessment and training for students with disabilities. Prerequisites: SED 517, 593, 594, 595 and departmental permission. 3 credits.

SED 600 — Directed Study and Research
Solving particular problems in communities through a supervised independent study relevant to the education of all exceptional children. The master’s thesis may not be written in connection with this course. Prerequisite: departmental permission. Scheduled fall and spring semesters. 1-6 credits.

SED 605 — Administration and Supervision of Programs for Individuals with Special Needs
Techniques for school administrators and supervisors in Planning and Placement and Due Process procedures. Characteristics of and programming for exceptional students, legislation and funding; education of all students in inclusionary settings. Scheduled spring semesters. 3 credits.
SED 610 — Applied Behavioral Analysis in Educational Settings
Applied Behavioral Analysis (ABA) is an approach to teaching founded on the
science of behavior. This course will focus on appropriate use of effective ABA
strategies to help students achieve success in school settings. Same course as CSP
610. Prerequisites: CSP 574 or SED 375 or equivalent and departmental permission.
3 credits.

SED 620 — The Adolescent with Serious Emotional Disabilities
The characteristics and needs of the socially and emotionally handicapped
adolescent, and issues in educational programming. Prerequisite: SED 523.
Scheduled fall semesters. 3 credits.

SED 621 — Interpersonal and Collaborative Skills in Education
Collaboration skills for working with school staff and parents in providing
services for special needs students. Focus on communication, teamwork, group
processes, co-teaching, negotiation, and conflict resolution. Open to master’s and
sixth year program students. 3 credits.

SED 622 — Consultation and Support Skills for the Educator
Consultation with school personnel and parents, with reference to problem
solving procedures, helping steps, interviewing skills, data gathering, goal setting,
and intervention planning and support. Open to sixth year program students. 3
credits.

SED 623 — Advanced Consultation & Collaborative Program Development in
Education
Organizational structure and program development for collaboration, consultation,
and staff support for personnel who work with special needs students. Prerequisite:
SED 622. 3 credits.

SED 624 — In-Service Training and Workshops in Education
Strategies and practices for presenting educational in-service programs, workshops,
and institutes, with particular reference to changing professional roles and
responsibilities in collaborative and inclusive schools. 3 credits.

SED 625 — Clinical Practices in Educational Collaboration and Consultation
Supervised practice and projects in collaboration, consultation and staff support
approaches. Prerequisite: SED 623. 3 credits.

SED 652 — Autistic Spectrum Disorders: Clinical and Educational Approaches
Study of the social, cognitive, neurological, and communicative aspects of Autistic
Spectrum Disorders. A range of assessment and intervention techniques for
individuals at various levels of functioning will be stressed. Prerequisite:
departmental permission. 3 credits.

The following course is approved but not scheduled for 2006-2007.

SED 511 — Seminar in Disabilities Studies II
The Theatre does not currently offer a program leading to the master’s degree in theatre. The following graduate level courses have been approved but are not scheduled for 2006-2007.

THR 549/WMS 549 — The Impact of Women in Theatre
THR 570 — Drama as an Educational Tool
THR 575 — Children’s Theatre
THR 576 — Drama for the Secondary School
THR 577 — Filmmaking for Children
THR 585 — Puppetry and Creative Learning Techniques
URBAN STUDIES

SAKALOWSKY, PETER, Chairman, Geography Department; Professor; B.S., Worcester State College; M.A., Clark University; Ph.D., Indiana State University. Tel. (203) 392-5832. E-mail: sakalowskyp1@southernct.edu.

YACHER, LEON, Professor; B.A., M.A., University of New Mexico; Ph.D., Syracuse University

APPLICATION DEADLINE:
Rolling admissions

The Master of Science degree program in Urban Studies is designed to prepare students for professional practice and responsible roles in the broad range of governmental and private sector activities including: city planning and urban development, urban government management, human resource services, urban education, inter-group relations, and community development.

The Urban Studies program offers students several areas of concentration: Urban Planning and Management, Urban Management, and Urban Education. There is also an Interdisciplinary option within Urban Studies. Joint degree programs with Social Work and Environmental Education are available. Please consult with the Coordinator of Urban Studies for various program options.

ADMISSION REQUIREMENTS
In addition to the Application for Admission to Graduate Study, transcripts, application fee and University immunization requirements, all applicants seeking admission to the Urban Studies program must submit the following documents directly to the Urban Studies Coordinator in the Department of Geography:

• personal essay
• two letters of recommendation
• Chronology of Professional Experience Form or updated resume

The grade point average to apply to the Urban Studies program must be 3.0 or higher. Conditional acceptance may be requested for applicants who do not meet the minimum grade point average.

Program requirements — 36 credits
Students may choose from the following courses with the approval of the Program Director.

URB 550 — Ethnicity and the American Society
URB 551 — Urbanization and the American Society
URB 552 — Public Policy Analysis
URB 553 — City Planning and the Urban Process
URB 554 — Urban Design and Land Development
URB 555 — Land Use Planning: Problems and Prospects
URB 556 — Education in the Urban Community
URB 559 — Application of Public Policy Research in Urban Affairs
URB 560 — Ethnic Realities in the American Community
URB 597 — Housing in an Urban Society
URB 598 — Seminar in Urban Affairs
URB 600 — Directed Independent Study

Master’s Thesis
Thesis Seminar (URB 590) and Thesis — 6 credits

Special Project
In lieu of the thesis, the student enrolls in URB 600 — Independent Study and completes a research project as part of the independent study.

URBAN STUDIES COURSES

URB 552 — Public Policy Analysis
An examination of the basic governmental, political, financial, and structural issues in developing and deciding policy in the public arena. State statutes, organizational frameworks and the overt and covert forces in policy analysis will be presented. Scheduled fall semesters. 3 credits.

URB 553 — City Planning and the Urban Process
Analysis of basic city planning principles and their relationship to urban development and sprawl. Environmental, physical, legal, statutory and economic issues in city planning and their impact on urban problems and solutions will be covered. Presentation of actual planning tools and techniques, including planning and zoning procedures. Scheduled fall semesters. 3 credits.

URB 554 — Urban Design and Land Development
The social purposes, economic processes, and cultural imperatives that shape the design renewal of American cities. Scheduled spring semesters of even years. 3 credits.

URB 555 — Land Use Planning: Problems and Prospects
Examination of basic land use issues and the conflicting forces involved in use and reuse of land development. Actual land use problems will be examined within the context of statutory authority, environmental restraints, and political realities. Scheduled spring semesters of odd years. 3 credits.

URB 556 — Education in the Urban Community
Analysis of the manner in which education is organized and functions with regard to issues of social, economic, and cultural stratification. Assessment of the way education has portrayed urbanization and notions of urban communities. The challenge for educators and planners is to make education a space of opportunity despite the barriers explored in this course. 3 credits.

URB 559 — Application of Public Policy Research in Urban Affairs
Evaluation research studies as applied to programs in urban affairs. Scheduled spring semesters. 3 credits.

URB 560 — Ethnic Realities in the American Community
Application of social theory and practice affecting institutional and individual response to ethnicity, cultural heritage, and inter-group relations in a pluralistic society. Scheduled spring semesters. 3 credits.

URB 590 — Thesis in Urban Studies
For thesis students only. Prerequisite: departmental permission. Scheduled fall and spring semesters. 6 credits.

URB 597 — Housing in An Urban Society
Social, political, and economic elements affecting the urban-suburban housing market. National local needs, policy formulation, federal programs, private planning, costs
and finances. Scheduled fall semesters. 3 credits.

**URB 598 — Seminar in Urban Affairs**
Analysis of urban and regional issues and the implications to today's society. The relationship of the central city to the suburbs and the region, growth issues, and the conflicting forces will be examined. Involvement in current urban affairs. Scheduled spring semesters. 3 credits.

**URB 600 — Directed Independent Study**
For special projects, not to be taken in conjunction with thesis. Prerequisite: departmental permission. Scheduled fall and spring semesters. 3 credits.
WOMEN’S STUDIES

LIN, YI-CHUN TRICIA, Director, Women’s Studies Program, Associate Professor; B.A., National Taiwan Normal University; M.A., Tamkang University, Taiwan; Ph.D., State University of New York at Stony Brook. Tel. (203) 392-6864. E-mail: liny4@southernct.edu

METAXAS, VIRGINIA A., Graduate Coordinator, Professor, History; B.A., State University of New York at Old Westbury; M.A., Ph.D., State University of New York at Stony Brook. Tel. (203) 392-5607. E-mail: metaxasvl@southernct.edu

ANTHIS, KRISTINE, Associate Professor, Psychology; B.A., St. Xavier University; M.A., Ph.D., University of Nebraska

AMEN'TA, ROSALYN, Adjunct Professor, Women’s Studies; B.A., Southern Connecticut State University; M.A.R., Yale Divinity School; Ph.D., Fordham University

APPLEBY, GEORGE A., Professor, Health and Human Services; B.A., University of Connecticut; M.S.W., University of North Carolina; D.S.W., Columbia University

APPLEWHITE, HARRIET B., CSU Professor, Professor, Political Science; B.A., Smith College; M.A., Ph.D., Stanford University

ARBOLEDA, CARLOS A., Professor, Foreign Languages; B.A., Universidad de Santiago De Cali, Colombia; M.A., Ph.D., Syracuse University

BEALS, Polly, Associate Professor, History; B.A., College of Wooster, Ohio; M.A., University of Pennsylvania; Ph.D., Rutgers University

BLACKMER, CORINNE, Associate Professor, English; B.A., M.A., Ph.D., University of California, Los Angeles

CONNORS, KATHLEEN, Professor, Art; B.F.A., Massachusetts College of Art; M.E.D., Ph. D., Pennsylvania State University

CRAWFORD, ILENE W., Associate Professor, English; B.S.S., Cornell College; M.A., State University of New York; Ph.D., University of Wisconsin

EMMELMAN, DEBRA S., Professor, Sociology; B.A., Indiana University; M.A., Ph.D., University of California at San Diego

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APPLICATION DEADLINE:
Rolling admissions

Compatible with many different areas of study in the professions and the liberal arts, Women's Studies allows students to explore the nature of women's status, circumstances, and objectives across the boundaries of academic disciplines, cultures, and historical time periods. Women's Studies courses offer students the opportunity to integrate scholarly inquiry, critical problem solving methods, professional training, cooperative leadership skills, and practical strategies for intervention in real life situations.

ADMISSION PROCEDURES

Applications are accepted on a rolling basis. Students entering the Women's Studies program in the fall semester will enter a two-year cohort. Students entering in the spring semester will take electives in their area of concentration and begin the cohort the following fall semester.

Applications are considered complete only when items one through five have been received by the Graduate Coordinator of Women's Studies and item six has been received by the School of Graduate Studies.

1. Departmental application
2. Official transcripts from each educational institution attended
3. Essay - Each applicant must compose a 500 word essay explaining his or her interest in the program and how completion of the program will play a role in future academic, professional and/or personal goals.
4. One writing sample - a newspaper article, web-based essay, professional material, or academic paper
5. Recommendations - Two confidential letters of recommendation (from different individuals) must be sent directly to the Graduate Coordinator of Women's Studies: Dr. Virginia Metaxas, Ph.D., Department of History, Graduate Coordinator of Women's Studies; and Dr. Yi-Chun Tricia Lin, Director of Women's Studies; Southern Connecticut State University, 501 Crescent Street, New Haven, CT 06515.
6. School of Graduate Studies application - In addition to the departmental application to Women's Studies, an application for admission to the School of Graduate Studies must also
be completed. Official transcripts must be sent directly to the School of Graduate Studies.

MASTER OF ARTS DEGREE

The Master of Arts Degree in Women’s Studies is a two-year program based on a cohort model. The program is designed to give students access to advanced concepts in Women’s Studies, to the specialized research methods of the field, and to the professional skills related to Women’s Studies that can be applied in the work place. The coursework in the degree emphasizes interdisciplinarity but requires either a concentration in a traditional discipline or a related/applied area or a specialization designed by the student in consultation with her/his adviser.

The program offers options for degree candidates who choose to seek professional credentialing such as a terminal degree. The program also serves those who have achieved competence in their field and who want to integrate the theory and practice of Women’s Studies into their profession. It is also suitable for students seeking personal enrichment.

The interdisciplinary model of the Master of Arts Degree Program in Women’s Studies allows students to establish a complex grasp of Women’s Studies issues within various disciplines. The first core requirement is a course in feminist theories and practices. The second required course offers students essential research tools and methodologies. The subsequent required courses explore historical and global perspectives on the discipline of Women’s Studies. Students are required to enroll in 3 credits of field experience and may elect to enroll in 6 credits. Students are encouraged to take additional interdisciplinary Women’s Studies courses among their elective options. Students select distribution electives from among a range of Women’s Studies offerings. In consultation with their adviser, students choose a concentration in a traditional discipline through a host department or identify a related/applied area relevant to their professional objectives. Students may also choose to design a specialization based on their own interests. No student is permitted to take more than four courses (12 credits) through a single host department.

All candidates for the master’s degree must satisfy the exit requirements of the program. The options are a thesis, a comprehensive examination, and special project.

- **Plan A** — 33 credits of course work and a thesis (includes thesis seminars)
- **Plan B** — 33 credits of course work and a comprehensive examination
- **Plan C** — 39 credits of course work and a special project (includes special project seminars)

Program Overview

Cohort Requirements — 12 credits (to be taken in sequence over four semesters)
- WMS 500 — Feminist Theories and Practices
- WMS 510 — Research Methods in Women’s Studies
- WMS 520 — History of Feminist Thought
- WMS 530 — Global Women’s Issues

Field Experience Requirement — 3 credits
- WMS 601 — Field Experience

Thesis Option — 18 credits
- WMS 590 — Thesis Seminar I and II
- WMS 591 — Thesis Seminar III (6 credits)

Electives in area of specialization (12 credits)
Comprehensive Option — 18 credits
Comprehensive Examination
Electives in area of specialization (18 credits)

Special Project Option — 24 credits
WMS 592 — Special Project Seminar I and
WMS 593 — Special Project Seminar II (6 credits)
Electives in area of specialization (18 credits)

THE GRADUATE CERTIFICATE
The graduate certificate in Women’s Studies is a free-standing interdisciplinary certificate granted through the Women’s Studies Program but also can be pursued as an elective option in conjunction with matriculation for degrees in those programs which authorize elective credit in cognate/related/applied areas outside of the department.

The certificate is interdisciplinary and is available to students who have completed a bachelor’s degree as well as those matriculated in graduate programs offered by departments which support the women’s studies certificate. The following departments/programs are sites for women’s studies certificates: Art, Educational Foundations, English, Environmental Education, History, Nursing, Psychology, Social Work, Special Education, and Sociology.

The requirements for the nine-credit basic certificate are WMS 500 and two electives. No student should take more than two courses for the certificate in a single department and students matriculated for a degree are encouraged to take other women’s studies courses outside their own department. The elective courses are selected in consultation with the student’s adviser in the Women’s Studies Program and with the student’s departmental adviser.

All courses toward the certificate are taken at graduate level unless special permission is obtained from the Women’s Studies adviser and from the departmental adviser.

THE ADVANCED CERTIFICATE
The advanced certificate has the following additional features: the advanced certificate requires twelve credits of study. For those students matriculated for degrees, the additional three credits for the advanced certificate are earned as a supplement to the number of credits required for their completion of the master’s degree. Students would earn their additional three credits by completion of an independent study (WMS 600) or a field experience assignment (WMS 601) under the supervision of their Women’s Studies Program adviser(s).

ON-GROUND/ON-LINE ADVANCED GRADUATE CERTIFICATE
Students may earn a twelve-credit Advanced Graduate Certificate in Women’s Studies through a hybrid on-ground/on-line program. The first three credits are earned during a required two-week long summer residency on the SCSU campus, during which time students take a course in Women’s Studies foundations and build relationships with faculty and other Women’s Studies students. The remaining nine credits are earned by taking three on-line courses offered during the academic year. Each individual student shall choose among the course offerings according to intellectual and/or professional interests. This program will primarily serve students who are unable to reside and study in the New Haven area for a sustained period of time. It also provides opportunities to local students who are unable to pursue on-ground graduate work in Women's Studies due to work, family, or other obligations.

As in the traditional on-ground graduate degree and certificate programs, students will be admitted to a "cohort" with each entering class enrolling in the introductory summer
residency course together. This is to ensure a feminist pedagogical approach, underscoring the importance of community. The plan of study integrates scholarly inquiry, critical problem-solving methods, professional training, and the development of cooperative leadership skills.

Graduate students may pursue the certificate as an elective option in a graduate degree program or as a free-standing interdisciplinary certificate for individuals holding a bachelor's degree.

The On-Ground/On-Line Advanced Graduate Certificate in Women's Studies requires twelve credits of course work, consisting of the required on-ground summer course in Women's Studies foundations and the choice of three other courses. To encourage interdisciplinary scholarship and learning, the Women's Studies Program requires certificate students to enroll in no more than two courses in a single academic department. Students matriculated for a master's degree who are pursuing the hybrid on-ground/on-line certificate as an elective option in their graduate degree program must take the three other courses outside their primary discipline. Students select these elective courses with advisors from the Women's Studies Program and the student's home department. All courses are at the graduate level unless the student obtains special permission.

WOMEN'S STUDIES COURSES

WMS 500 — Feminist Theories and Practices
This cross-cultural, interdisciplinary course explores contemporary feminist theories and practices, examining the intersections of various feminisms including liberal, radical, marxist-socialist, postmodern, and multicultural positions. The course also integrates the concept of feminist practice through the study of such topics as feminist art, community activism, and ecofeminism. Scheduled every fall semester. 3 credits.

WMS 504 — Gender and the Law
An analysis of the American legal system as it has affected women from the 18th century to the present. Course content is applicable for any student with an interest in the law. Topics include constitutional protections for equality, Title VII (including sexual harassment and sex discrimination), reproductive rights, domestic violence, and Title IX (educational and sports equity). Cross-listed as SOC 504 and EDL 674. 3 credits.

WMS 505/PCH 505 — Women, Heal Thyself: Interdisciplinary Approaches to Women's Health Issues
A cross-cultural, interdisciplinary approach to women’s health issues focusing primarily on 20th century North America. Engages with the politics of women’s health including self-care, health activism and alternative medicine and focuses on strategies for empowerment in exploring and evaluating health care options. Scheduled summer semesters. 3 credits.

WMS 510 — Research Methods in Women’s Studies
Interdisciplinary approach to a broad range of feminist research methodologies essential for planning and conducting research in the field of women’s studies; will include written and oral presentation of student research project. Prerequisite: WMS 500 for students matriculated in program. No prerequisites for others. Scheduled every spring semester. 3 credits.

WMS 515/SOC 515 — Sociology of Gender
Theory and data on the social construction of gender. Advanced exploration of identity formation, social change and persistence, interactive patterns and inequalities. Impact of gender on the individual and society. Scheduled alternate fall semesters. 3 credits.
WMS 518 — A Woman's Place is in the Curriculum: A Multicultural Approach.
Introduction of multicultural women's studies content to education professionals.
Workshop facilitators demonstrate strategies for infusing women's studies content into K-12 curriculum. Scheduled summer semesters. 3 credits.

WMS 520 — History of Feminist Thought
A survey of women’s intellectual history from ancient cultures to the contemporary period using primary sources, including ancient and classical texts, and focusing on the works of leading European and American feminist thinkers. The course will also cover the formation of women’s communities and the corresponding evolution of the feminist movement. Prerequisite: WMS 510 for students matriculated in program. No prerequisites for others. Scheduled every fall semester. 3 credits.

WMS 521/ENG 521 — Feminist Theory and Literary Criticism
Inquiry into the fundamental problems of feminist thought and the interrelationship of feminist theory, critical theory, and literary criticism. 3 credits.

WMS 523/ANT 523 — Anthropological Perspectives of Gender
An examination of the concepts of gender developed in the major subfields of anthropology with an emphasis on cross-cultural comparison. 3 credits.

WMS 529/ANT 529/SOC 529 — Race, Class and Gender
This course explores the intersection of race, class, and gender in social relations. Uses a wide variety of theoretical perspectives to investigate the ways that race, class, and gender are intersected and the impact this interrelationship has on the experiences and opportunities of individuals and their social location. 3 credits.

WMS 530 — Global Women's Issues
Interdisciplinary study of issues affecting women in cross-cultural perspective, such as international feminism, reproductive rights, health, global economy, women in leadership. Prerequisite: WMS 520 for students matriculated in program. No prerequisites for others. Scheduled every spring semester. 3 credits.

WMS 535/HIS 535 — Colonial and Victorian Women in the U.S.
Survey of readings about women from the colonial period to the late nineteenth century on the following topics: family, work, immigration, urbanization, industrialization, race, class, ethnicity, and cultural and political status. 3 credits.

WMS 536/HIS 536 — Progressive and Modern Women in the U.S.
Survey of readings and research from the late nineteenth century to the present on the following topics: family, work, immigration, urbanization, altruism, professionalism, race, class, ethnicity, and cultural and political status. 3 credits.

WMS 549/THR 549 — The Impact of Women in Theatre
A course which illuminates the contributions of women to the development of theatre particularly in the areas of playwriting, theatrical theory, criticism and directing. 3 credits.

WMS 554/SWK 554 — Violence in the Family: Interventive Strategies
Themes of violence in the family; socio-political theories of violence; diverse interventions; violence and oppression; implications for social work, law, and medical professions. Scheduled spring semesters. 3 credits.

WMS 555/SWK 555 — Sexual Minorities: A Social Work Response
The problems associated with America's homophobic attitudes toward sexual minorities such as gay, lesbian, bisexual and transgendered individuals and the impact of such attitudes on relationships in both professional and non-professional settings will be
explored. Scheduled fall semesters of even numbered years. 3 credits.

WMS 560/PSY 560 — Seminar in the Psychology of Women
Psychological research about women is examined in light of its contributions to psychology as a science, including its social and political implications. The course also explores health, diagnosis, and therapy for women. Prerequisite: 9 credits of psychology or departmental permission. 3 credits.

WMS 573/ART 573 — Women, Art, and Education
A seminar and cooperative learning course which addresses issues of sexism, racism, cultural bias, elitism, historical and contemporary perspectives of women’s contributions to the arts as artists, educators, philosophers, historians, patrons, and collectors. 3 credits.

WMS 581/ENG 581 — Medieval Women and Literature
Consideration of texts composed by and/or for women and images of women in such texts. Typical figures include Marie de France, Héloïse, Dame Julian, Margery Kempe, and Christine de Pizan. 3 credits.

WMS 590 — Thesis Seminar I
First of two courses fulfilling one of the exit requirement options. Development of a thesis proposal under the dual supervision of the instructor and the thesis adviser in the context of peer evaluation. Classes will meet at two-week intervals during the semester. Prerequisites: Restricted to matriculated Women’s Studies master’s degree candidates with 15 credits of course work including WMS 500 and WMS 510. Scheduled every fall semester. 3 credits.

WMS 591 — Thesis Seminar II
Second of two courses fulfilling one of the exit requirement options. Development of the thesis under the dual supervision of the instructor and the thesis adviser in the context of peer evaluation. Classes will meet at two-week intervals during the semester. Prerequisites: Restricted to matriculated Women’s Studies master’s degree candidates with 18 credits of course work including WMS 590. Scheduled every spring semester. 3 credits.

WMS 592 — Special Project Seminar I
First of two courses fulfilling one of the exit requirement options. Development of a special project proposal relevant to the student’s own academic specialization and interests under the dual supervision of the instructor and the special project adviser in the context of peer evaluation. Classes will meet at two-week intervals during the semester. Prerequisites: Restricted to matriculated Women’s Studies master’s degree candidates who have completed 15 credits of course work including WMS 500 and WMS 510. Scheduled every fall semester. 3 credits.

WMS 593 — Special Project Seminar II
Second of two courses fulfilling one of the exit requirement options. Completion of a special project relevant to the student’s own academic specialization and interests under the dual supervision of the instructor and the special project advisor in the context of peer evaluation. Class will meet at two-week intervals during the semester. Prerequisites: Restricted to matriculated Women’s Studies master’s degree candidates who have completed 18 credits of course work including WMS 592. Scheduled every spring semester. 3 credits.

WMS 599 — Topics in Women’s Studies
Various topics in women’s studies are explored from multidisciplinary perspectives. 3 credits.

WMS 600 — Independent Study and Research
Provides students with an opportunity for supervised independent research under the
direction of a faculty member. Prerequisite: permission of the coordinators. 3 credits.

WMS 601 — Field Experience I
A required course for all Women’s Studies students (students may substitute an internship through a cooperating host department for the field experience). Field experience options are: administrative field experience in the Women’s Studies Program; administrative field experience in the Women’s Center; academic field experience in a Women’s Studies classroom; research-based field experience under the supervision of a Women’s Studies faculty member. A field experience requires a commitment of 150 hours (10 hours per week) per semester. Prerequisite: matriculated Women’s Studies degree candidates who have completed 9 credits of graduate Women’s Studies coursework and coordinators’ permission. 3 credits.

WMS 602 — Field Experience II
An elective course for all Women’s Studies students (students may substitute an internship through a cooperating host department for the field experience). Students select among the following options: administrative field experience in the Women’s Studies Program; administrative field experience in the Women’s Center; academic field experience in a Women’s Studies classroom; research-based field experience under the supervision of a Women’s Studies faculty member. A field experience requires a commitment of 150 hours (10 hours per week) per semester. Prerequisite: WMS 601 and permission of the coordinators. 3 credits.

In addition to the regularly offered Women’s Studies courses, a range of special topics courses are offered. Some courses offered in the past have included: Evolution of Black Feminist Thought; Feminist Utopias; Psychoanalysis and Feminism; Ecofeminist Writing; History of U.S. Women Photographers; Women and the Law; Feminist Families/Women’s Choices; Writer’s Workshop: The Gendered Voice; Gender and Culture; Women and Professional Ethics; Women, Affirmative Action and the Law; Women in the Professions; Gender, Crime and Criminal Justice; Ethnic Identity: Women’s Voices; British Reform Movements; A Room With a View; Anglophone Women Writers; Women Writers of the British Isles; Women's Autobiographical Writing, Virginia Woolf and Bloomsbury; Women's Autobiographies Through the Arts; Feminist Interpretations of the Gospels.

The following course has been approved but is not scheduled for 2006-2007.

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