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ACADEMIC DEPARTMENTS, PROGRAMS, AND COURSES

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School of Arts & Sciences
School of Professional Studies
School of Visual and Performing Arts

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CONNECTICUT STATE UNIVERSITY SYSTEM

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

The Connecticut State University System reaches throughout the state with major campuses in four metropolitan 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, and it enrolls more than 36,000 students.

The origins of the Connecticut State University System date back to 1849 with the founding of a school for teachers in New Britain. During their distinguished history, the campuses have evolved from normal schools to teachers' colleges to multipurpose state colleges and, finally, to universities.

Today, after 150 years 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 economic, social, and cultural life.

In April 2011, Gov. Dannel P. Malloy and the Connecticut legislature unveiled a plan to consolidate the management of higher education. Specifically, they created a Board of Regents for Higher Education which replaced the governance structures for the Connecticut State University System (CSUS), the Community Colleges, Charter Oak State College, and the Board of Governors for Higher Education. The transition from the CSUS Board of Trustees to the Board of Regents occurred between July 1 and December 31, 2011.

The governance of the Connecticut State University System is the responsibility of the Board of Regents for Higher Education, which comprises 19 appointments: nine by the governor (including the selection of one of his appointees as the chair); four by legislative leaders, two student representatives, and four ex-officio, non-voting members (commissioners of the Departments of Economic and Community Development, Public Health, Education and Labor).

The Connecticut State Colleges and Universities (ConnSCU) leadership team works with the campus leaders, faculty, and staff to help increase the educational attainment of Connecticut's adult population. All 17 college and university presidents report directly to the Board of Regents President, who reports to the Board of Regents for Higher Education. ConnSCU senior staff provide additional support and guidance for both the board and campuses.

Connecticut Board of Regents for Higher Education

Lewis J. Robinson, Jr., Chair	Hartford
Yvette Melendez, Vice Chair	South Glastonbury
Richard J. Balducci	Deep River
Eugene L. Bell	Gateway Community College Student
Naomi K. Cohen	Bloomfield
Lawrence DeNardis	Hamden
Nicholas M. Donofrio	Ridgefield
Matt Fleury	Hartford
Michael Fraser	Western Connecticut State University Student
Merle W. Harris	West Hartford
Gary F. Holloway	New Canaan
Craig Lappen	Manchester
Rene Lerer	Avon
Michael E. Pollard	Stamford
Zac Zeitlin	Westport
Jewel Mullen (Ex-Officio)	Commissioner of the Connecticut Department of Public Health
Sharon Palmer (Ex-Officio)	Commissioner of the Department of Labor
Stefan Pryor (Ex-Officio)	Education Commissioner
Catherine Smith (Ex-Officio)	Commissioner of the Connecticut Department of Economic and Community Development

ConnSCU Leadership

Philip E. Austin	Interim President of the Board of Regents
Elsa Nunez	Vice President for State Universities
David L. Levinson	Interim Vice President for Community Colleges
Dennis Murphy	Interim Chief of Staff
Elaine Clark	Vice President for Real Estate, Facilities and Infrastructure Planning
Steve Weinberger	Vice President for Human Resources

Bill Bowes
Dr. Wendy Chang
Gail Coppage
Dr. Braden Hosch
Colleen Flanagan Johnson
Erin Fitzgerald
Kyle Thomas

Chief Financial Officer
Chief Information Officer
Director of Innovation and Outreach
Director of Policy & Research
Director of Public Affairs & Marketing
Associate Director for Board Affairs
Legislative Program Manager

Connecticut Board of Regents for Higher Education
39 Woodland Street • Hartford, Connecticut 06105

ACCREDITATION AND POLICY

ACCREDITATION

Western Connecticut State University is accredited by the New England Association of Schools and Colleges, Inc., through its Commission on Institutions of Higher Education.

Inquiries regarding the accreditation status by the New England Association should be directed to the university's administrative staff. Individuals may also contact the Commission on Institutions of Higher Education, New England Association of Schools and Colleges, 3 Burlington Woods Drive, Suite 100, Burlington, MA 01803-4514. Call (855) 886-3272, Fax (781) 425-1001 or email cihe@neasc.org.

Accreditation by the New England Association has reference to the institution as a whole. In addition, the university is accredited by the Connecticut Board of Regents for Higher Education.

Individual programs at the university are accredited by

- The Connecticut State Education Department
- The National Council for Accreditation of Teacher Education
- The Council for Accreditation of Counseling and Related Educational Programs
- The National Association of Schools of Music
- The American Chemical Society
- The Commission on Collegiate Nursing Education
- The Council on Social Work Education

RIGHTS RESERVED STATEMENT

Students attending Western Connecticut State University are required to familiarize themselves with this catalog. Primary responsibility for knowing and fulfilling all requirements rests with the individual student. The catalog in effect at the time of the student's admission or readmission to a degree program governs degree requirements.

Western Connecticut State University administration reserves the right, whenever advisable: (1) to change or modify its schedule of tuition and fees; (2) to withdraw, cancel, reschedule or modify any course, program of study, or degree, or any requirement in connection with any of the foregoing.

NONDISCRIMINATION POLICY/AFFIRMATIVE ACTION and MULTICULTURALISM STATEMENT

Western Connecticut State University is an affirmative action/equal opportunity educator and employer, fully committed to the goal of providing equal opportunity and full participation in its educational programs, activities, and employment without discrimination because of race, color, religious beliefs or association, sex, age, national origin, marital status, sexual orientation, physical disability, including but not limited to blindness, learning disability, or mental retardation, past or present history of mental disorder, or prior conviction of a crime, in accordance with state and federal laws. To that end, this statement of policy has been put forth to ensure that no qualified person be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity of the university.

To file a discrimination complaint, or for inquiries concerning Western Connecticut State University's Nondiscrimination Policy, Title IX and the Rehabilitation Act of 1973, and the Americans with Disabilities Act, contact Carolyn Lanier, Executive Assistant to the President/Chief Diversity Officer, Old Main 101, (203) 837-8277 or by TTY, (203) 837-8284 TTY.

Protection from Adverse Action

All individuals shall be free from all restraint, interference, coercion, or reprisal on the part of their associates, supervisors, and all others in making any complaint or appeal, in serving as a representative for a complaint, in appearing as a witness, or in seeking information. The above principles apply with equal force after a complaint has been resolved. Should these principles be violated, the facts shall be brought to the attention of the Chief Diversity Officer by the aggrieved party, his/her representative, or any person affected. The Chief Diversity Officer shall bring all such situations to the attention of the President for confidential discussion, review, the potential for early proactive intervention and appropriate action.

Individuals are advised of their legal options to file complaints with the Connecticut Commission on Human Rights and Opportunities, United States Equal Employment Opportunity Commission, United States Department of Labor, Wage and Hour Division and any other agencies, state, federal or local that enforces laws concerning discrimination.

SEXUAL HARASSMENT POLICY

It is the policy of Western Connecticut State University, in keeping with efforts to establish an environment in which the dignity and worth of all members of the institutional community are respected, that sexual harassment of students and employees at Western Connecticut State University is unacceptable conduct and will not be tolerated. Sexual harassment may involve the behavior of a person of either sex against a person of the opposite or same sex when that behavior falls within the definition outlined.

Definition

Sexual harassment of employees and students at Western Connecticut State University is defined as any unwelcome sexual

advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature, when:

- A. Submission to such conduct is made either explicitly or implicitly a term of condition of an individual's employment;
- B. Submission to or rejection of such conduct is used as the basis for employment or academic decisions affecting the employee or student; or
- C. Such conduct has the purpose or effect of substantially interfering with an employee's or student's work performance or educational experience, or creates an intimidating, hostile, or offensive work or educational environment. In an academic setting sexual harassment would also include any unwelcome sexual advances or requests for sexual favors or any conduct of a sexual nature when submission to or rejection of such conduct by an individual might affect academic or personal decisions that are subject to the influence of the person making the proposal.

Sexual harassment is discrimination on the basis of sex and a violation of the Connecticut General Statutes, Title VII of the Civil Rights Act of 1964, and Title IX of the Education Amendments of 1972. Additionally, unwanted physical contact with another person is a violation of the Connecticut General Statutes and may result in criminal prosecution.

Report Sexual Harassment

Carolyn Lanier, Executive Assistant to the President/Chief Diversity Officer, is responsible for overseeing sexual harassment matters and investigating complaints. To request a copy of the sexual harassment policy, complaint procedure and form, to discuss a sexual harassment concern, or to file a sexual harassment complaint, contact Ms. Lanier in Old Main 101 at (203) 837-8277.

Protection from Adverse Actions

All individuals shall be free from restraint, interference, coercion, or reprisal on the part of their associates, supervisors, and all others in making any complaint or appeal, in serving as a representative for a complaint, or in appearing as a witness or in seeking information. The above principles apply with equal force after a complaint has been resolved. Should these principles be violated, the facts shall be brought to the attention of the Chief Diversity Officer by the aggrieved party, his/her representative, or any person affected. The Chief Diversity Officer shall bring all such situations to the attention of the President for confidential discussion, review, the potential for early proactive intervention and appropriate action.

Individuals are advised of their legal options to file complaints with the Connecticut Commission on Human Rights and Opportunities, United States Equal Employment Opportunity Commission, United States Department of Labor, Wage and Hour Division and any other agencies, state, federal or local that enforce laws concerning discrimination.

Confidential counseling is also available; contact Ms. Lanier at (203) 837-8277.

ANNUAL SECURITY REPORT

Western Connecticut State University is committed to assisting all members of the WCSU community in providing for their own safety and security. In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act, the university compiles an Annual Campus Security Report, which can be downloaded at <http://www.wcsu.edu/police/pdf/securityreport.pdf> or may be requested from the Western Connecticut State University's Police Department on Roberts Avenue, Danbury, Conn., at any time, day or night. You can request that a copy be mailed to you by calling (203) 837-9304.

Both the website and annual report provide information about campus security and topics such as crime prevention, university police law enforcement authority and crime reporting procedures. You will also find information about crime statistics for the previous three calendar years of reported crimes that occurred in both on-and off-campus facilities. This information is required by law and is provided by the university's police department.

The Annual Fire Safety Report is available at www.wcsu.edu/efs/EHS/fireprevention.asp.

PRESIDENT'S MESSAGE

Since 1903, Western Connecticut State University's mission has been to help our students imagine and construct exciting new futures. These students represent the diversity that characterizes public higher education today. Some are traditional college-age students who live on campus and enjoy the complete undergraduate experience; others are working adults who balance their studies with family and employment responsibilities. Some are pursuing broad courses of study that will provide a variety of options. Others are pursuing more specific career goals. No matter their age or major, all Western students receive the attention of faculty and staff mentors committed to helping them achieve their personal and professional goals.

Western is a place where the education of students comes first. Our classes are small, our professors committed to students and we provide an impressive array of support services to help you succeed in the classroom. For more than a hundred years, our business has been changing students' lives, and we take this very seriously.

We have in recent years expanded the physical structure of our campus and that growth continues. Recent additions include a new residence hall on our Westside campus, our prize-winning \$49 million science building, a new garage on our Midtown campus, and our exciting new Westside Campus Center. Alongside the Campus Center a magnificent new 130,000 square foot state-of-the-art Visual and Performing Arts Center is under construction with an opening planned for Fall 2014.

In our faculty, in our facilities, in our classrooms, laboratories, libraries, playing fields and residence halls and in learning experiences at sites around both the New York Metropolitan region and abroad, we pursue a common vision: to be an institution "with the characteristics of New England's best small private universities, but at a much more affordable cost."

As we progress through the second century, our commitment remains firm to continue to serve not only our students, but also the residents of Danbury, Fairfield County, the State of Connecticut and the world beyond. Their futures are our business. We look forward to helping you shape yours.

Warmest wishes and welcome to Western!

Sincerely,

James W. Schmotter
President

ACADEMIC CALENDAR

Academic Year 2012-2013

Fall Semester 2012

August 27 Academic Year begins
August 28 Orientation Sessions
August 29 First Day of Classes
September 3 Labor Day – No Classes
November 21-25 Thanksgiving Recess – No Classes
December 10-11 Make-up/Reading Day
December 12-18 Final Exams
December 18 Semester Ends

Winter Intersession 2012-13

December 19, 2012 Intersession Begins
January 1 New Years Day—No classes
January 9 Intersession Ends

Spring Semester 2013

January 11 Semester Begins
January 14 First Day of Classes
January 21 Martin Luther King Holiday
February 15-18 President's Holiday – No Classes
March 25-30 Spring Break – No Classes
May 2 Make-up/Reading Day
May 3-9 Final Exams
May 9 Semester Ends
May 10 Graduate Commencement
May 12 Undergraduate Commencement

Summer Session 2013

May 20 Summer Session I Begins
June 21 Summer Session I Ends
June 24 Summer Session II Begins
July 26 Summer Session II Ends
July 29 Summer Session III Begins
August 23 Summer Session III Ends

Academic Year 2013-2014

Fall Semester 2013

August 26 Academic Year begins
August 27 Orientation Sessions
August 28 First Day of Classes
September 2 Labor Day – No Classes
November 27-December 1 Thanksgiving Recess – No Classes
December 10 Make-up/Reading Day
December 11-17 Final Exams
December 17 Semester Ends

Winter Intersession 2013-14

December 18, 2013 Intersession Begins
January 1 New Years Day – No classes
January 8 Intersession Ends

Spring Semester 2014

January 10 Semester Begins
January 13 First Day of Classes
January 20 Martin Luther King Holiday
February 14-17 President's Holiday – No Classes
March 17-22 Spring Break – No Classes
April 18-19 Day of Reflection – No Classes
May 2-3 Make-up/Reading Day
May 5-10 Final Exams
May 9 Graduate Commencement
May 10 Semester Ends
May 11 Undergraduate Commencement

Summer Session 2014

May 19 Summer Session I Begins
June 20 Summer Session I Ends
June 23 Summer Session II Begins

July 25 Summer Session II Ends
July 28 Summer Session III Begins
August 22 Summer Session III Ends

INTRODUCTION TO WESTERN

History

Western Connecticut State University, founded in 1903, is located in Danbury, a major city in Fairfield County in the foothills of the Berkshire Mountains, 65 miles north of Manhattan and 50 miles west of Hartford.

Western's rural 364-acre Westside campus complements its 34-acre, 15-building Midtown campus in the heart of downtown Danbury. Constant planning, evaluation, and improvement of programs and curriculum sharpen Western's "edge of excellence" and keep it responsive to the progressive community it serves.

The university works with and is supported by a forward-looking, innovative business community, and it collaborates with several local, state, and regional community agencies and educational institutions.

Mission

Western Connecticut State University serves as an accessible, responsive and creative intellectual resource for the people and institutions of Connecticut. We strive to meet the educational needs of a diversified student body through instruction, scholarship and public service. Western aspires to be a public university of choice for programs of excellence in the liberal arts and the professions by providing full-time and part-time students with the necessary background to be successful in their chosen careers and to be productive members of society.

It accomplishes this by emphasizing:

- A strong liberal arts foundation
- Strong skills in communication, problem solving and critical thinking
- Opportunities for experiential, cooperative, and internship experiences
- A strong background in information technologies
- Interdisciplinary programs
- A strong sense of commitment to public service
- A personalized learning environment

Our mission as a public comprehensive university is given life through the principles and values that guide us.

Fulfilling the Mission Principles

- Empowering students to attain the highest standards of academic achievement, public and professional services, personal development, and ethical conduct is our fundamental responsibility.
- Facilitating learning is our primary function, and it requires that our faculty be active scholars who have a lasting interest in enhancing instruction and that our curriculum be dynamic and include advanced instructional technologies.
- Preparing students for enlightened and productive participation in a global society is our obligation and is best fulfilled by developing the best possible academic programs and learning experiences.
- Promoting a rich and diverse cultural environment that allows freedom of expression within a spirit of civility and mutual respect is our abiding commitment.
- Strengthening our partnership with the people and institutions of Connecticut is a benefit to both the university and the state and endows our teaching and scholarship with a special vitality and dedication.

Values

- Quality in all that we do, and a commitment to continuous improvement.
- Integrity in the process of teaching and learning.
- Respect for the dignity and rights of each member of our university community.

Organization

The Division of Academic Affairs at Western comprises five academic units: the Ansell School of Business, the School of Arts and Sciences, the School of Professional Studies, the School of Visual and Performing Arts and the Division of Graduate Studies. All programs — undergraduate and graduate — are offered through one of the five units. The Provost and Vice President for Academic Affairs is the chief academic administrator and is responsible for all aspects of the academic mission. The Associate Vice President for Academic Affairs coordinates external programs.

The Office of Student Affairs offers a variety of programs and services to meet students' interests and needs. These include accessibility services, athletics, campus ministry, campus police, career development, counseling, drug and alcohol prevention, health service, housing and residence life, judicial affairs, pre-collegiate programs recreation, intramurals and club sports and student life. Through its various offices the division helps students to become aware of their opportunities, optimize their performance, enrich their college experience, and ensure protection of their rights and responsibilities.

The Office of Finance and Administration is responsible for university business, campus facilities and safety. The Division of

Institutional Advancement is concerned with alumni and community relations.

Educational Records and The Family Educational Rights and Privacy Act (FERPA)

Western Connecticut State University accords all the rights under the law to students. No one outside the university shall have access to, nor will the university disclose any information from, a student's educational records without his/her written consent except to personnel within the university, to officials of other institutions in which the student seeks to enroll, to persons or organizations providing students financial aid, to accreditation groups, to persons in compliance with a judicial order, to persons in an emergency in order to protect the health or safety of students or other persons, or to parents of a student who is officially documented as their dependent for income tax purposes.

All these exceptions are permitted under the Family Educational Rights and Privacy Act.

The university will maintain a record of all requests for and disclosure of information from a student's educational records. The record will indicate the name of the party making the request, any additional party to whom it may be redisclosed, and the legitimate interest the party had in requesting or obtaining the information. The record may be reviewed by the eligible student.

Within the Western Connecticut State University community, only those university officials acting in the student's educational interest are allowed access to education records.

A university official is any person employed by the university in an administrative, supervisory, academic, research, or support-staff position; any person appointed to the Board of Regents for the Connecticut State University; or any person employed by or under contract to the university or the State of Connecticut to perform a special task, such as an attorney or auditor.

A university official has a legitimate educational interest if the official is: performing a task that is specified in his/her position description or by contract agreement; performing a task related to a student's education; performing a task relating to the discipline of a student; or providing a service or benefit relating to the student or student's family, such as health care, counseling, job placement or financial aid.

The University may disclose Directory information without a student's prior written consent. The University designates the following as Directory information: student's name; certain University-assigned identifiers (Western ID Number); address; telephone number; photo ID; date of birth; major field of study; degree sought; student level (freshman, sophomore, etc.); dates of attendance; full or part time enrollment status; expected date of completion; the previous educational agency or institution attended; degrees and awards received; class rosters; participation in officially recognized activities and sports, weight and height of athletic team members and other similar information including performance statistics, photographic likenesses and video of athletic team members. Students may withhold directory information by notifying the Office of the Dean of Students, in writing. Such a request would be honored until such time students requested in writing that their directory information again be made public.

The law provides students the right to inspect and review information contained in their education records, to challenge the contents of their education records and to have a hearing on the matter. The vice president of student affairs or his designee at Western Connecticut State University has been designated to coordinate the inspection and review procedures for student educational records, which include admissions, personal, academic, financial, disciplinary, cooperative education, and placement records.

Students wishing to review their educational records must make requests to the registrar, listing the item of interest. Only records covered by the act will be made available within 45 days of the request. Students may have copies made of their records with certain exceptions (e.g. a copy of their academic record for which a financial "hold" exists, or a transcript of an original or source document which exists elsewhere).

Educational records do not include: records of instructional, administrative and educational personnel, which are the sole possession of the maker and are not accessible or revealed to any individual except a temporary substitute; records of a law enforcement unit; student health records; employment records or alumni records. Health records, however, may be reviewed by the physician of the student's choosing.

Students may not inspect or review the following as outlined by the act: financial information submitted by their parents; confidential letters and recommendations associated with admissions, employment or job placement, or honors to which they have waived their rights of inspection and review, or education records containing information about more than one student. In this last case, the university will permit access only to that part of the record which pertains to the inquiring student.

The university is not required to permit students to inspect or review confidential letters and recommendations placed in their files prior to January 1, 1975, provided these letters were collected under established policies of confidentiality and were used only for the purpose for which they were collected.

Students who believe that their educational records contain information that is inaccurate or misleading or is otherwise in violation of their privacy or other rights may discuss their problems informally with the Office of Student Affairs.

In the event a student's request, either to have access to a record or to amend information in a file has been denied, the student may ask for a formal hearing. The student must submit a written request for the hearing to the vice president for academic affairs. The hearing panel will consist of the vice president for academic affairs, the associate vice president for academic affairs and the academic dean of his/her school. Decisions of the hearing panel are final.

Any alteration to the student's record will be in accordance with the decision of the hearing panel and will become a permanent part of that record. The student has a right to add a statement to a challenged record if the panel's decision is not to amend the record in accordance with the student's request.

Students who believe that the adjudications of their challenges were unfair or not in keeping with the provisions of the act may request, in writing, assistance from the vice president of student affairs to aid them in filing complaints with the Family Education Rights and Privacy Act (FERPA), U.S. Department of Education, Washington, D.C. 20202.

Alumni Association

The Alumni Association of Western Connecticut State University, founded in 1919, promotes the general welfare of the university. The board of directors comprises 16 directors and five officers who meet regularly to discuss and plan future activities of the association.

Contributing members receive: a membership card; borrowing privileges at both the Ruth A. Haas and Robert Young Libraries; use of computers in the Haas Library; and special discounts at local and nationwide businesses. All alumni receive *The Cupola* magazine, Alumni E-Newsletter, insurance and credit card discount offers, career services through the Career Development Center, alumni locator service, and invitations to special alumni receptions and events, including Homecoming.

Scholarships are awarded each year by the Alumni Association to students who meet academic requirements and show evidence of extra-curricular involvement in the university and the community.

The Alumni Association keeps alumni connected to their alma mater. As a graduate of Danbury Normal School, Danbury State Teacher's College, Danbury State College, Western Connecticut State College or Western Connecticut State University, alumni are part of campus history and the future of the university.

THE CAMPUS

Midtown

Midtown, Western's original campus, is located in downtown Danbury. The many recent renovations, additions and new buildings have transformed the Midtown campus into a modern college setting while retaining Western's traditional character.

The Midtown campus features:

- **ALUMNI HALL** — A 8,434-square-foot building that houses a lecture hall, administrative offices and the WCSU Child Care Center.
- **BERKSHIRE HALL, HIGGINS HALL/HIGGINS ANNEX and WHITE HALL** — These classroom buildings house many academic program offices and specialized education facilities, such as the Academic Advisement Center, AccessAbility Services, ConnCAPP/Upward Bound program, the Educational Achievement and Access Program (EAP), the Higgins Gallery, Ives Concert Hall, Berkshire Theatre, the Bill Williams Gymnasium, the Language Lab and the Learning centers (math, writing, study skills).
- **FAIRFIELD, LITCHFIELD and NEWBURY HALLS** — These residence halls provide accessible accommodations for 632 students.
- **FIFTH AVENUE GARAGE** — This new 800-car, student parking garage is located on the corner of Fifth Avenue and Osborne Street.
- **OLD MAIN** — The original building of the Danbury State Normal School dating back to 1904, Old Main houses the Admissions Office for undergraduate students, the Division of Graduate Studies, and one-stop student services that include the Office of Student Financial Services, Registrar's Office, Cashier's Office and the WestConnect Office.
- **RUTH A. HAAS LIBRARY** — The Haas Library has more than 200,000 volumes and more than 400,000 bound periodicals, microforms, government documents, music scores, electronic resources and audio-visual items.
- **SCIENCE BUILDING** — Opened in fall 2005, this award-winning building houses the university's biology, chemistry, physics, earth and planetary sciences, and meteorology programs and science laboratories.
- **STUDENT CENTER** — The student center houses campus dining facilities, the university bookstore, post office, student government and student organization offices, campus ministries, meeting rooms, Echo Office (student newspaper), WXCI (student FM radio station), the Student Technology Training Center, Career Development Center, the Counseling Center and the Veterans' Oasis Lounge.
- **UNIVERSITY HALL** — A four-level office building that houses administrative offices.
- **WARNER HALL** — This 34,078-square-foot building houses classrooms, meeting rooms, gallery/lounge and administrative and faculty offices.
- **WHITE STREET PARKING GARAGE** — This is a three-level, 900-car, accessible parking garage with a covered skywalk crossing White Street.

Westside

The 364-acre Westside campus features:

- **ATHLETIC STADIUM** — Facilities include a synthetic field surface, locker rooms, coaches' offices, press box and concessions area. The Westside campus also has fully lighted intramural, baseball and softball fields.
- **CENTENNIAL HALL & PARKING STRUCTURE** — This 417-bed dormitory-style residence hall with parking garage complements the two apartment-style residence halls at Westside.
- **CLASSROOM BUILDING** — The Westside Classroom Building houses undergraduate and graduate programs in business and many graduate programs in education. It features the Robert S. Young Library, many microcomputer labs, classrooms and faculty offices, as well as the University Police Department Parking Office.
- **ELLA GRASSO HALL** — An apartment-style residence hall designed to house 261 students.
- **PINNEY HALL** — A 426-bed, apartment-style residence hall.
- **THE CHARLES IVES CENTER FOR THE ARTS** — A 40-acre outdoor performance amphitheater.
- **WESTSIDE CAMPUS CENTER** — This 49,000-square-foot student center provides a full-service dining facility, game/club room, cardio-fitness center, ballroom, meeting and conference rooms, student activity space, a computer center, lounge areas and related campus-life and student-life facilities.
- **WESTSIDE NATURE PRESERVE (WNP)** — A 33-acre nature preserve, the WNP is an outdoor laboratory with maintained trails.
- **WESTSIDE OBSERVATORY** — Newly expanded and renovated, the observatory houses a planetarium and a 20-inch Ritchey-Chrétien Telescope, equipped with digital cameras and spectrometers.
- **WILLIAM A. O'NEILL ATHLETIC AND CONVOCATION CENTER** — The center contains a 4,000-seat arena, indoor tennis, basketball and volleyball courts, weight training facility, a swimming pool and the athletic department offices.

Western at Waterbury

Western Connecticut State University at Waterbury is located in Founders Hall on the Naugatuck Valley Community College campus, 750 Chase Parkway, Waterbury. In addition to offering bachelor degree-completion programs in nursing and management, Western at Waterbury offers selected general education and graduate classes. For more information on these programs, contact Western at the Waterbury office, Founders Hall 129, (203) 596-8777.

Parking & Transportation

WCSU has designated parking areas for students, faculty and staff. Commuter student parking is available in a garage on Fifth Avenue and Osborne Street on the Midtown campus. All other surface lots are restricted for faculty and staff parking on the Midtown campus. The White Street garage is designated for Midtown residents, staff and faculty parking. Detailed parking information and maps of surface lots for both campuses are available on the website at wcsu.edu/parking.

Every student, faculty and staff member must display a valid parking permit when parking on university property. Parking permits are available from the University Police Department Parking Office on the Westside campus, the Westside Classroom Building, Rm. 247D. Hours of operation are Monday – Thursday, 9 a.m. to 5 p.m., and Fridays, 7 a.m. to 3 p.m. For more information, call (203) 837-3289.

In order to obtain a parking permit, a student must present a valid vehicle registration document from the state in which the vehicle is registered. Each student will be issued only one active parking permit at a time and may register only one primary vehicle at a time. For more information, visit the website at wcsu.edu/parking. The first permit is free; however, there is a \$10 charge for replacement permits.

Visitors to either campus should park in designated visitor lots. Those parking in the Old Main lot who expect to be there for more than one hour must obtain a visitor permit from the University Police Department on Roberts Avenue. For more information, please visit the website at wcsu.edu/parking.

Vehicles that are improperly parked are subject to ticketing and towing at the owner's expense. All parking areas are clearly identified by signs posted at the entrance to each lot. To avoid having your car towed from an authorized area, please read and obey the signs.

All those parking on state property are obligated to know and obey the university parking regulations which are available at the University Police Department Parking Office on the Westside campus, the University Police Department on Roberts Avenue or online at the University Police Department's homepage, wcsu.edu/police. University parking regulations and Connecticut motor vehicle laws are subject to enforcement by the university police department and violation may result in the issuance of a state court summons or an arrest.

WCSU is a very active community for both vehicle and pedestrian traffic. Please use caution when traveling on campus. Pedestrians are asked to use the crosswalk or the covered skyway when crossing White Street. Accidents should be reported to the University Police at (203) 837-9300; emergencies can be reported by dialing 911 from any on-campus phone. Calls for assistance with vehicle problems may also be made to the University Police.

For more information please contact the University Police Department at (203) 837-9300, the Police Department Parking Office at (203)-837-3289 or the community services unit at (203) 837-9319.

Campus Transportation

When classes are in session, the university offers a free shuttle bus service between the Westside and Midtown campuses. This service links the two campuses for curricular as well as co-curricular activities. Arrival and departure times are listed in the Colonial Shuttle Schedule and Policy brochure which is available from the WestConnect Office, the Student Center, the Community Service Unit office in the Westside classroom building and the University Police Department. The schedule is also available online at the University Police Department's homepage at www.wcsu.edu/police.

For more information, please contact the University Police Department at (203) 837-9300, the University Police Department Parking Office at (203)-837-3289 or the community services unit at (203) 837-9319.

Student ID Cards

Student IDs/Access & Security Systems — WestConnect Office, 013 Old Main. Hours: Monday-Friday, 8 a.m. – 12:30 p.m. and 1:30 – 4 p.m. Information at (203) 837-9311 or wcsu.edu/westconnect. Check website for extended hours.

Student ID (WestConnect ID Card) — The university's student identification card is required in order to:

- Access university facilities
- Enter Fifth Avenue Garage
- Attend events
- Borrow library books
- Use the 24-hour computer labs
- Access shuttle bus service
- Use meal plan
- Make purchases with CONNect Cash

To Receive your WestConnect ID Card — Present a valid photo ID and a copy of your class schedule at the WestConnect Office.

Lost, Stolen or Vandalized ID Cards — Vandalized cards include cards that are broken, bent, chipped, cracked or damaged in

some way. Cards that have been lost, stolen or vandalized will be replaced for a \$15 fee charged to your student account.

Cards that are no longer functional due to wear and tear, data error or card malfunction will be replaced at no charge, if the current failed card is presented at the WestConnect Office. Determination of wear and tear, versus damage, is at the discretion of the office staff.

CONNect Cash — Money placed in your WestConnect card account can be used at food service, laundry, vending, box office and bookstore locations. A minimum deposit of \$20 can be made online or at the Cashier's Office, first floor of Old Main. For more information, visit wcsu.edu/westconnect.

Door Access — Student access to the 24-hour computer labs is obtained by registering a four-digit door security PIN with the WestConnect Office. Additional door access is granted by department chair approval only.

For more information on any of the above services, please call the WestConnect Office at (203)837-9311 or access our website at wcsu.edu/westconnect.

Child Care at Western

The WCSU Child Care Center, operated by Education Connection and accredited by the National Association for the Education of Young Children, is located in Alumni Hall on the Midtown campus. The center provides a developmentally appropriate early childhood program as well as a safe environment for children ages 3-5. To register a child or for further information, visit the center or call (203) 837-8733.

ADMISSION TO WESTERN

Western Connecticut State University seeks to enroll students who will benefit from and contribute to the university. Admission to the four undergraduate schools is competitive. Students are admitted to the university on the basis of predicted success in the specific majors for which they apply.

Campus Visit, Interview, Open House

One way the prospective student and the university can learn more about each other is through an on-campus interview. This is not required, but is encouraged. The interview provides applicants with an opportunity to exchange information, ask questions, explain and clarify admission credentials and receive a tentative evaluation of their status.

Visitors to campus are encouraged to take student-conducted tours and to meet informally with students and faculty. This will give a more personal view of Western Connecticut State University. Guided tours are available on several weekends in the fall and spring, as well as on weekdays when the university is in session. The Office of University Admissions hosts an open house each fall and spring semester.

Arrangements for a campus visit or interview should be made well in advance. Please call the Office of Admissions at (203) 837-9000 for more information.

Application Procedures (Fall and Spring)

Students are encouraged to apply online at www.wcsu.edu/admissions/application. Students may obtain a paper application from the Office of Admissions, a secondary school, community college guidance office, or download an application from the website at wcsu.edu/admissions/application. Transcripts must be sent to the Office of Admissions and additional information such as senior year grades, test scores or final semester grades may be required.

Application dates for undergraduate students:

Fall Semester: Rolling admissions begin December 1, with class spaces filled on a first-come, first-served basis. Pre-nursing and nursing program deadline is February 1; EAP deadline is February 1.

Spring Semester: Rolling admissions begins October 1, with class spaces filled on a first-come, first-served basis.

A \$50 nonrefundable application fee must accompany the completed application. No application will be processed without payment of this fee. Waivers of this fee may be made if requested by a recognized educational or social welfare agency.

If admission is offered, a nonrefundable tuition deposit must be submitted by May 1 for fall semester entry.

First-year Application Guidelines

Academic preparation is the most important factor in determining admission. Class rank, grades of “B-” or better, and SAT/ACT (critical reading and math) results are recommended, but a sincere effort is made to judge achievement in relation to the quality and depth of the secondary school program.

Candidates for admission must have a high school diploma from an accredited secondary school or an equivalency diploma. General Educational Development (GED) test scores must be converted into a State of Connecticut Equivalency Diploma. Home-schooled students also may be considered for admission.

Applicants must show evidence of successful completion of the following academic units in high school with a cumulative grade point average of “B-” or higher:

- a. Four years of English, including writing skills and literature.
- b. Three years of mathematics, including Algebra I, geometry and Algebra II.
- c. Two years of social sciences, including U.S. History.
- d. Two years of laboratory sciences.
- e. Three years of a single foreign language.
- f. Academic course work may be substituted for one of the areas above.

Standardized Test Optional Policy

Beginning with the class entering in the fall 2013, the submission of standardized tests (SAT I and ACT) is optional for admission to Western Connecticut State University. While we recognize that standardized tests accurately measure aptitude for many students, there are many others whose talents are not measured by such tests. The test results can serve as an artificial barrier to many highly qualified students, preventing them from even considering degree completion at Western.

We are proud to join with the more than 850 colleges nationwide who have made the decision to move to test-optional admission. Research has shown that the best predictor of academic success in college is the grades students achieve in high school (grade point average of 3.0 or above).

**If you are accepted and choose to enroll, we will require standardized test scores for academic placement and advising or a placement exam. Please note if you are applying to the Pre-Nursing program, you are required to submit your standardized tests scores for admission.*

Admission Criteria for Students Who Do Not Submit Standardized Test Scores:

- Un-weighted B or 3.0 recalculated to University standards or top 35% of class
- Resume of Activities/Letters of Recommendation (Required)
- Official High School Transcript (Required)
- Personal Essay (Required)
- March 1st Deadline
- Application Fee: \$50

Additional Application Materials:

1. SAT I (critical reading and math) scores from the College Board and/or ACT results (to include the writing sample) are required.

- a. Transfer students are not required, under ordinary circumstances, to submit SAT I results.
- b. Students who are 20 or older may submit nine semester hours of college credits in lieu of the SAT scores.

2. If English is not the applicant's native language, a 79 (internet-based exam), 213 (computer-based exam), 550 (paper-based exam) score or higher on the Test of English as a Foreign Language (TOEFL) must be submitted in lieu of, or in addition to, the SAT scores. We will also accept a score of 77 or higher on the Melab and 6 or higher on the IELTS (Band).

3. Scholarship and financial aid candidates must be accepted to the university and complete the Free Application for Federal Student Aid (FAFSA) by March 1 to be considered on time.

4. Applicants for degrees in music education, bachelor of music programs and liberal arts music must complete the application for admission to the university and audition for the department as well. Students must meet the admission criteria of both the university and the music department. In addition, applicants will be tested on (1) knowledge of basic theory; (2) pitch discrimination; (3) basic piano techniques; (4) voice quality and ability to sing in tune.

5. Before registration, all entering students are required to present evidence to the Health Service Office of a tuberculin test and proof of immunizations (measles, rubella, mumps and varicella). A recent physical examination is also required before the first class of the semester. Cost of this examination is the responsibility of the student. Please contact the Health Service Office for further information.

6. All students must file a residency affidavit on initial application to the state university. The residence status of each student is defined by Public Act 474 passed by the 1973 General Assembly.

A standard reclassification form will be used by students seeking to change their residence classification. This form is available from the Office of Admissions.

Tuition and fees are determined for each student on the basis of Connecticut or out-of-state residency. The failure of a student to disclose all facts relating to residence status shall be grounds for suspension or expulsion.

Admission Criteria For Nursing Applicants

The first Monday in February is the deadline to apply to the pre-nursing/nursing program.

I. PRE-NURSING: This is Western's first-year sequence, freshman year, and must be completed successfully before students are allowed to move into the second-year sequence, or a student's sophomore year. Once admitted to the second-year sequence by the nursing department, these students are then called nursing majors.

First-year sequence requirements include the following classes: Interpersonal Communication, a writing intensive class (English Composition II at other colleges), Introduction to Psychology, Introduction to Sociology, a full year of Survey of Chemistry and a full year of Anatomy and Physiology.

Western's nursing program is highly competitive. Freshman admission standards for pre-nursing are:

- A score of 1,000 on the critical reading and math SAT combined.
- 3.0 or "B" average or better.
- Top third of the class.
- Grade of "C" or better in high school chemistry.

Transfer qualifying standards:

- 3.0 or "B" average or better.
- "C" grades or better in anatomy/physiology and chemistry. Note: Transfer students may not take General Chemistry I at their sending institution and take Survey of Chemistry II at Western.
- Western does not admit transfer students who have earned a grade of less than "C" in nursing courses from another institution

II. NURSING: This begins Western's second-year sequence, or the student's sophomore year. Admission to the second-year sequence of the nursing major is competitive and is by application to the Department of Nursing. The decision to be admitted to the nursing major is made by the Department of Nursing.

Admission

1. All nursing applicants must have successfully completed college preparatory classes in chemistry and biology in high school, or their equivalents in a post-secondary institution.

2. All students must be admitted to the university before applying for admission to the nursing major. The applicant pool is not limited to pre-nursing students. The decision to admit an applicant to the nursing major is made by the Department of Nursing.

- a. Applicants must obtain an application form from the Department of Nursing.
- b. The completed application must be received by the Department of Nursing by the first Monday in February for the applicant to be considered for enrollment in the nursing major in the forthcoming fall semester. Incomplete applications will not be reviewed.
- c. Applicants must have a minimum cumulative GPA of 2.50 to be considered.
- d. Applicants must have successfully completed the following courses:
 - i. Writing Intensive Course (W) or COM 162
 - ii PSY 100 or SOC 100
 - iii. BIO 105 or equivalent with a grade of "C" or better
 - iv. CHE 120 or equivalent with a grade of "C" or better
 - v. MAT 100 Intermediate Mathematics or equivalent test score
- e. Once accepted into the nursing program, applicants must complete BIO 106 or equivalent and CHE 121 or equivalent (both with a grade of "C" or better) and any remaining prerequisite courses (a writing intensive course {W}, COM162, PSY 100 or SOC 100) by the semester (spring) in which they are accepted, and must maintain a minimum cumulative GPA of 2.50.
- f. Students will be notified in April of the admissions decision by the Department of Nursing. Students who meet the above criteria will be admitted on a space-available basis.

3. Applicants to the nursing major will be held to the program requirements in effect at the time of acceptance into the major.

4. Applicants to the nursing major must have a minimum cumulative grade point average of 3.0 to be considered.

5. Transfer students and Western students wishing to change their major to nursing must apply to their department for admission to the nursing major and must meet the same requirements as pre-nursing students.

III. RN TO BSN: These students are currently licensed Connecticut or New York RNs and hold either an Associate of Science in Nursing or a Hospital Diploma in Nursing. At this time Western is able to accommodate all applicants who meet the entrance requirements. The university does reserve the right to limit the number of students accepted into this program as necessary.

To apply, students must file an application, pay the application fee, have official transcripts sent from every college attended and photocopy both sides of their RN license. The license must be valid and current.

These students may be admitted fall or spring semester.

They must have a 3.0 cumulative grade point average or better to be considered.

In some cases anatomy/physiology and microbiology may have been completed more than 10 years before being admitted. The student is responsible for contacting the nursing department chair for permission to use these classes in the major.

Twenty-eight credits in the major are guaranteed to RN to BSN students. However, these students are responsible for meeting all of the university's requirements for a B.S. in Nursing degree, including general education requirements.

Admission Auditions for all Music Degree Programs

Students wishing to pursue degree programs in the Department of Music must adhere to the following criteria for admission:

1. Fulfill general admission guidelines found in this catalog for the university, school and department.
2. Perform and pass an audition, in person or through electronic media, for members of the faculty. The student, through this audition, must exhibit the standards and skill sets required for entry into the Department of Music, including:
 - a. The ability to read and interpret standard musical notation.
 - b. The ability to produce an acceptable tone quality on an instrument or voice commensurate with entrance into the liberal arts program, the Bachelor of Arts (B.A.) or one of two professional degree programs, the Bachelor of Music (B.M.) or the Bachelor of Science (B.S.) at the collegiate level.
 - c. The ability to accurately perform basic fundamentals associated with an instrument or voice, such as major scales and percussion rudiments.
 - d. The ability to accurately perform repertoire on an instrument or voice commensurate with entrance into a liberal arts (B.A.) or professional degree program (B.M. or B.S.) at the collegiate level.

3. Take and receive a passing score on a sight singing/ear training examination. (This examination will be used for entrance.)

Information regarding audition dates and specific audition requirements for all performance areas may be obtained on the website at www.wcsu.edu/music or by contacting the Department of Music at (203) 837-8350.

Admission Auditions for Musical Theatre Degree Program

1. Fulfill general admission guidelines found in this catalog for the university, school and department.
2. Perform and pass an audition, in person for members of the faculty. The student, through this audition, must exhibit the standards and skill sets required for entry into the Musical Theatre program, including:
 - a. The ability to accurately perform with accompaniment 16 bars of an up-tempo vocal selection and 16 bars of a ballad.
 - b. The ability to perform a half- to one-minute monologue portraying a character close to the age of the individual auditioning.
 - c. The ability to learn and perform a short dance phrase that demonstrates movement skills.
 - d. Take and receive a passing score on a sight singing/ear training examination. (This examination will be used for entrance.)

Information regarding audition dates and specific audition requirements can be found on the Web site www.wcsu.edu/theatrearts or by contacting the Department of Theatre Arts at (203) 837-8250.

Transfer Admission for Music Students

All students wishing to transfer into any degree program in music at WCSU must meet the criteria listed above, including those currently attending institutions holding articulation agreements with WCSU. All transfer applicants will be assessed in the areas of applied music, keyboard competency, music history, music theory, and sight-singing/ear-training to determine eligibility for matriculation as well as for transfer credits that may be accepted in individual coursework.

Placement Examinations in Mathematics and Writing

It is the academic policy of the Connecticut State University system and of Western Connecticut State University to have students begin their education with course work at the appropriate skill level in mathematics and writing.

To ensure that students are taking the correct courses, the University administers a placement examination for mathematics and writing before registration. Students who have been admitted to the University receive an acceptance packet from the Admissions Office informing them of requirements regarding these placement exams.

Some students are required to take mathematics only, writing only, or both examinations. Some students are exempt from both placement exams.

Exemption criteria:

A verbal SAT score of 510-590 permits a student to register for WRT 101, Composition I: The Habit of Writing. A verbal SAT score of 600 or greater permits a student to register for a writing intensive course. The writing placement exam is required for a verbal score of 500 or less.

Math placement is based on a student's SAT or ACT score. A student may place into a higher level math class by taking the mathematics placement exam and achieving the appropriate score if they wish.

- SAT math score 490 and below or ACT math score 1 – 17 = MAT 098, Elementary Algebra.
- SAT math score 500 – 540 or ACT math score 18 – 21 = MAT 100, Intermediate Math.
- SAT math score 550 – 590 or ACT math score 22 -23 = General Education Math Placement.
- SAT math score 600 and higher or ACT math score 24 – 36 = Calculus placement (or any General Education math course).

An equivalent course taken at an accredited institution with a grade of "C" or better in mathematics and/or writing may also exempt a student. Official transcripts must be on file in the Admissions Office.

Advanced placement exam scores in both these areas may also exempt a student. Please contact the Admissions Office for more information.

Placement information must be on file in the Admissions Office before a student can register for the appropriate courses.

The university requires that all remedial course work be completed within one academic year. A student who fails to meet this requirement will not be allowed to continue as a matriculated student. Please note: Some majors also require a chemistry placement examination.

Early Admission

The university considers applications from students who have three years of secondary school preparation. A "B" average in all college preparatory courses together with a rank-in-class in the top 30th percentile are the minimum academic requirements. SAT results are necessary and should be well above the national average. Motivation and maturity should be clearly evident. Consent of the guidance counselor and legal guardians is necessary as well as an interview with a member of the admissions board.

First-Year Admission with Advanced Standing

Advanced Placement

A student may enter Western as a freshman, but with advanced standing toward a degree. Advanced standing may be achieved by taking Advanced Placement Examinations in which a score of three or higher will earn college credits in each subject area. Additionally, students can earn college credit through the College Level Examination Program (CLEP) or by actually taking courses for college credit while in secondary school.

College Level Examination Program (CLEP)

The Campus and Student Centers administer several graduate and undergraduate tests.

At the undergraduate level, the centers administer the College Level Examination Program (CLEP). These examinations recognize that through work experience, reading, or other activities, a student may have acquired knowledge equivalent to that taught in introductory college courses. By demonstrating this knowledge on a CLEP test, a student may qualify for college credit without attending class.

Western administers all CLEP examinations for the award of college credit. Each examination covers material equivalent to that taught in one or more courses at the university. To earn credit, the student must demonstrate knowledge equivalent to that of a student who has taken the course and received a grade of at least a "C." Advance permission from an academic department may be required for some CLEP exams.

At the graduate level, the University administers the Miller Analogies Test (MAT), a graduate admissions test.

For more information about examinations and their requirements, call the Testing Hotline at (203) 837-8877, or check the Web site at www.wcsu.edu/testing.

Transition To College Program

This program permits selected secondary school seniors to enroll in a maximum of two courses a semester (six hours a week) while completing their secondary school curriculum. Students earn college credit and are graded upon completion of course(s).

Admission to the program requires:

- a. Traditional college preparatory courses;
- b. Junior class cumulative rank in the top of the class;
- c. Strong recommendation from the secondary school counselor indicating the student has the motivation and maturity to benefit from a college education;
- d. A combined SAT score of 1000 or better.

The Board of Admissions will make a decision promptly after receipt of the application and will notify the student's secondary school guidance counselor of the decision.

Educational Achievement & Access Program (EAP)

The Educational Achievement & Access Program (EAP) provides a select group of under-prepared students with the opportunity and support they need to obtain a college education. EAP provides a challenging introductory five-week summer program that assists students in developing their academic and study skills.

This five-week experience includes courses in mathematics, writing, an HPX/Great Hollow Wilderness experience, and study skills sessions that assist students with their first steps towards achieving academic success at Western.

Through EAP, students have the opportunity to become familiar with campus and residential life, make new friends and meet Western's faculty and staff. Academic courses are combined with review/study hall sessions that provide students a more in-depth understanding of the materials presented in their classes. Students also receive daily tutoring in their academic subjects during assigned study hall sessions.

All EAP students are provided with the following year-round academic/university services:

- Writing Lab
- Math Lab
- Tutoring Resource Lab
- Individual academic counseling/advisement sessions
- Special social/cultural events

The EAP admissions application deadline is **February 1**. Enrollment in the program is limited and admission is based on SAT scores, high-school rank, letters of reference, personal interview and a written essay. EAP students are required to take the same writing and mathematics placement tests as non-EAP students. EAP students are admitted into a degree program or as "undeclared" students in the School of Arts and Sciences.

For more information about the EAP program, please call the Admissions Office at (203) 837 – 9000 or the EAP Office at (203) 837 – 8801.

Transfer Admission

Guidelines

A transfer applicant is one who has earned 12 or more college credits (with no more than three credits by examination) after

graduating high school.

Every official transcript bears a school seal. Students must contact the Registrar's Office of each college or university previously attended and have them forward an official transcript to Western's Office of University Admissions via mail.

A 2.0 cumulative grade point average (GPA) for all previous college level study is required for consideration for admission to the university; particular academic programs may require higher GPAs for admission. Applicants with 45 or more credits must meet any special departmental or school admissions requirements as indicated below:

- Programs offered through the Ansell School of Business, including Justice and Law Administration: 2.3 GPA for all courses attempted.
- Communication: 2.0 GPA and 2.5 in major courses.
- Computer Science: 2.0 GPA and 2.5 in major courses.
- Education: 2.8 GPA for all courses attempted.
- English: 2.0 GPA and 2.67 in major courses.
- Mathematics/Computer Science: 2.0 GPA and 2.5 in major courses.
- Social Work: 2.0 GPA and 2.5 in major courses.

Courses with a "C-" or higher grade are generally transferable into Western. However, only credits are accepted in transfer, not grades.

A "T" symbol is used to designate transfer credits on Western's student transcripts. Courses taken at other institutions which are vocational or technical in nature may not be accepted at WCSU. Note: Any academic courses with a passing grade will transfer from Central, Eastern, or Southern Connecticut State Universities.

Students may transfer no more than 90 semester hour credits from a four-year college or university and no more than 75 credits from a two-year college. Note: at least 30 credits, and at least half the total credits required in a student's major, must be completed at Western.

A new academic program or course submitted by an applicant for transfer consideration may be reviewed by the Admissions Board. A secondary school record is not required of transfer students under normal circumstances.

Evaluation of Transfer Credits

Transfer applicants may normally expect that their transfer credits will be evaluated at the time a decision is made to admit the applicant. Transfer applicants dissatisfied with their credit evaluation may appeal the decision to the Director of University Admissions, who is charged with managing the appeal process in coordination with the appropriate academic representatives. Students have one semester after they are matriculated to adjust their transfer credit evaluation.

Transfer Arrangement for Associate Degree Recipients

It is the policy of the Board of Regents for Connecticut State University that all students who graduate from two-year associate degree programs at the State Community Colleges are admissible to the Connecticut State University system. These students are admitted to the third year of study on the same basis as continuing students are admitted to junior standing. This policy also applies to the transfer applicants holding associate degrees from the Connecticut Board of State Academic Awards. Courses with grades of "D+", "D" and "D-" are transferable only if the student has an associate's degree.

Applicants who hold an associate degree are normally not admitted to a program if their cumulative grade point average is lower than departmental or school standards for admission. A student in this situation should contact the Director of University Admissions for an interview.

A policy set by both the Connecticut State University and the Connecticut Community College system requires that mathematics courses taken at a community college must have had a prerequisite of intermediate algebra in order to be transferred to Western and meet general education requirements.

Special Student Categories

Veterans

The university welcomes veteran applications. A veteran is encouraged to meet with a veterans affairs education benefit adviser through the Office of Student Financial Services located in Old Main 105, who will provide information about veterans' benefits.

The university accepts the results of the College Level Examination Program (CLEP) which is administered at no charge to military personnel on active duty through Defense Activity for Non-Traditional Education Support (DANTES). Armed Forces personnel desiring further information about the examinations should contact their education officer or write to DANTES, Madison, WI 53713 if taken before 1974. After 1974, contact DANTES, Box 2819, Princeton, NJ 08540.

A veteran who has been accepted into a degree program may, upon presentation of the DD Form 214, Report of Transfer or Discharge, receive exemption from the university's exercise science requirement. The university also may accept college-level credits earned through the United States Armed Forces Institute and for service schools completed, as recommended by the American Council on Education, providing that credit is applicable to the individual's degree program.

International Students

International student applications are accepted by Western Connecticut State University, though scholarship and loan fund limitations prohibit offering financial assistance to any students who do not hold United States citizenship.

International students residing outside the U.S. should contact the Office of University Admissions for admission information.

Applicants must earn a 79 (internet-based exam), 213 (computer-based exam), 550 (paper-based exam) score or higher on the

Test of English as a Foreign Language (TOEFL) The university also accepts a score of 77 or higher on the Melab and 6 or higher on the IELTS (Band).

Students also are required to indicate ability to finance their education.

Application materials will be sent if language ability and economic support are determined to be sufficient. If a request for application materials is approved, appropriate academic transcripts must be sent to the university as soon as possible.

Applicants are required to provide an official evaluation of their high school diploma and college level courses that has been conducted by an international educational service. A high school diploma or its equivalent may be a document-to-document evaluation. College and university courses must be evaluated on a course-by-course basis.

All new students planning to enter the university in the fall semester must submit all application materials before March 1. Students desiring to enroll in the spring semester must submit all completed materials before October 1. Students already studying in the United States should submit admission materials as outlined in the admissions procedure.

This university is authorized under federal law to enroll nonimmigrant alien students.

For more information about international student advisement, call the International Services Coordinator (203) 837-3270.

Guest Students

The university may admit nonmatriculated status individuals from other colleges and universities who meet Western's admissions criteria and application deadlines for undergraduate study. Such applicants normally intend to return to their original collegiate institutions after attending Western for one year or less.

As a nonmatriculated student at Western, the guest student must be approved in advance each semester by the Director of University Admissions, who also serves as the student's academic adviser. A maximum of 30 credits may be earned at Western in this manner.

Readmission Guidelines

A readmit applicant is one who has previously been matriculated as an undergraduate at Western and is now seeking to return after one or more semesters without an approved leave of absence.

An applicant must have a 2.0 cumulative grade point average.

An applicant with 45 or more credits completed must also meet any special department/school admissions requirements.

An applicant should familiarize himself/herself with the university Fresh Start Policy to determine if it applies.

The Board of Admission will review any cases with unusual circumstances worthy of consideration.

Fresh Start Readmission

Western's Fresh Start Policy allows an applicant who was a previously enrolled, matriculated student with a cumulative grade point average of less than 2.0 to be eligible for readmission under certain conditions. The purpose of the program is to allow students who initially struggled academically to have a second chance at graduating with a GPA unaffected by the below-average grades of their initial enrollment.

a. The period of withdrawal or suspension and readmission must include at least one year in which no college courses were taken at WCSU. Remedial non-credit college courses in English/writing and mathematics are accepted. The Director of University Admissions may waive this condition, provided that during the period of withdraw or suspension and readmissions, the applicant has: (1) taken at least 12 credit hours of courses at another institution which are transferable to WCSU and (2) earned a grade of "B" or better with respect to each such course taken. Nothing herein shall be interpreted in a manner that would require the director of University Admissions to waive the condition.

b. Completion of no more than 60 credits at WCSU with a "C-" or higher average, when applying for admission.

c. Satisfactory completion of WRT 098: Written Communication and/or MAT 098: Elementary Algebra prior to admission, if appropriate.

d. Significant evidence of personal growth since withdrawal, in the form of two letters of recommendation. A student may be conditionally admitted to the University under this policy, resulting in restrictions in the number and nature of courses taken during the first semester of enrollment.

e. A personal interview may be required.

f. The Fresh Start Program may be exercised only once. The student's cumulative GPA at Western becomes 0.0. Grades of "F," "D-," "D," and "D+" are forgiven. Grades of "C-" or better count toward graduation. Students are admitted on probation under this option.

g. Students must meet all criteria for the academic program they wish to be enrolled in. Please see specific program requirements in the catalog.

Reserve Officers Training Corps (ROTC)

Reserve Officers Training Corps (ROTC) is not being offered at Western Connecticut State University. Students interested in pursuing this program should contact the ROTC office at Sacred Heart University at (203)-365-7564.

Air Force Reserve Officers Training Corps (AFROTC)

Air Force ROTC is offered at the University of Connecticut in Storrs and Yale University in New Haven and is available to Western Connecticut students in all majors.

AFROTC prepares students for careers as Air Force officers who may serve as pilots, navigators, engineers, nurses, etc. The program consists of a basic and an advanced course, each of two years duration. The former may be replaced by a six-week summer program (with pay) between the student's sophomore and junior years.

One must meet entrance criteria for admission to the advanced course. Those participating in the advanced course receive a monthly stipend. In addition, enrolled students are eligible for a variety of scholarships.

For more information, call Detachment 115 at (860) 486-2224 or visit www.afrotc.com. The Yale University Air Force ROTC Office can be reached at 203-432-9431.

STUDENT EXPENSES

As part of the Connecticut State System of Higher Education, Western Connecticut State University offers high quality degree programs at a reasonable cost. Details of expenses for full-time and part-time, in-state and out-of-state students appear below.

A full-time student is defined as one who has been accepted as a degree candidate by the Admission Office and enrolled for 12 or more semester hours. A part-time student is one who is enrolled for fewer than 12 semester hours of course load credit. All students, when they register, must inform the registration clerk that they are either full-time or part-time.

The schedules of fees, tuition, methods of payment and refund policies provided below are valid at the time of publication of this catalog and are subject to change as necessary.

2012-2013 Full-Time Undergraduate Annual Expenses

	In-State	Out-of-State
Tuition *	\$4,285	\$13,866
Fees **	4,185	5,636
Housing (dorm double) ***	6,256	6,256
Meal Plan (required for Midtown dorm students)	4,576	4,576
Estimated Books & Supplies	750	750
Sickness Insurance ****	1,195	1,195
Total	\$21,247	\$32,279

In addition to text books, students must furnish their own notebooks, writing implements, and art supplies. Students should also be prepared to pay for field trips and regional study tours since these activities are an integral part of the education program.

* Full-time students will be charged \$390 per credit hour for each credit hour over 18 credits at the course fee rate. This fee is non-refundable.

** Students are charged a \$50 lab fee for each astronomy, biology, chemistry, earth science, meteorology or physics course they register for. Students are charged a \$50 art studio fee for each art studio class they register for.

Full-time nursing students are charged a \$300 nursing program fee.

All students taking applied music lessons pay \$150 – \$400 per course, per semester.

*** See Office of Residence Life for a complete list of room rates.

**** Domestic students may waive sickness insurance if covered by a private policy.

Binder and Deposit: Nonrefundable

- **Admissions Binder:** \$200 due May 1, or within 15 days of billing. Applied to state university tuition.
- **Housing Deposit:** \$250 due within 15 days of billing. The admissions binder may be transferred from Western Connecticut State University to other constituent units of the Connecticut system of higher education. Enrollment in another unit must occur within 60 days of the beginning of the semester for which the binder was paid to Western Connecticut State University. Students requesting transfer should notify the Admissions Office of the institution they will be attending.

Payment of Tuition and Fees

Returning and new students for the fall semester must make the fall tuition and fee payment no later than July 12, 2012.

Returning and new students for the spring semester must make the spring tuition and fee payment by December 12, 2012.

Failure to pay tuition and fees by the required dates will result in cancellation of classes.

Students may pay tuition and fees by cash, check, money order, or credit card. MasterCard and Discover are accepted.

Re-registration Fee

Any student who is dropped for non-payment and wishes to re-register will be subject to a \$100 nonrefundable re-registration fee.

Late Fee

A \$50 late fee will be assessed to accounts that fail to pay the balance due by the payment deadline.

Refund Policy

A. For Students Who Are Not Title IV Recipients

Nonrefundable fees include the application fee, admissions binder, housing deposit and participation fee. In order to be eligible for a refund, a full-time student must formally withdraw from the university. A refund of tuition, university and student activity fees, and the balance of the housing fee, excluding binder and deposit, will be issued according to the schedule below. The refund amount is determined by the official date of withdrawal.

Prior to and including the first day of classes	100% refund
Within the first week of the semester	90% refund
Within the second week of the semester	60% refund
Within the third through fourth week of the semester	40% refund

No refund after the fourth week of university-wide classes

Housing Refund Policy for students that withdraw from the university

Prior to the first day of classes	100% refund
Within the first two weeks of the semester	60% refund
Within the third and fourth week of the semester	40% refund
No refund after the fourth week of university-wide classes	

Housing Refund Policy for students that withdraw from housing but remain enrolled in the university

Upon withdrawal from a residence hall up to and including the first day of classes, 100 percent of the balance paid less the housing deposit and the housing cancellation fee, if applicable, will be refunded.

No refunds will be made after the first day of classes

B. For Students Receiving Title IV Assistance:

Both full-time and part-time students who formally withdraw from the university and are recipients of Title IV funds should contact the Financial Aid Office to see if they are entitled to a pro-rated refund.

Meal Plan Refund

This fee is refundable on a pro-rated basis upon withdrawal from the university.

2012-2013 Part-Time Undergraduate Tuition

Tuition – In State	\$179 per credit hour
General Fee – In State	\$211 per credit hour
Tuition – Out of State/NE Regional	\$182 per credit hour
General Fee – Out of State/NE Regional	\$211 per credit hour
Registration Fee – each semester	\$55 (non-refundable)
Student Activity Fee (per credit hour)	\$3 (fall/spring terms only)
Online (in-state)	\$390 per credit hour
Online (out-of-state/NE regional)	\$412 per credit hour
Online Registration Fee	\$50 per course (non-refundable)

Students may pay for part-time tuition by cash, check, money order or credit card (MasterCard and Discover only).

Refund Policy for Part-time Students Fall and Spring Semesters – Courses greater than eight weeks in length

A tuition refund for part-time students withdrawing from classes will be issued on the following basis:

Withdrawal during first week of the semester	100% refund
Withdrawal during second week of the semester	60% refund
Withdrawal during the third and fourth week of the semester	40% refund

No refunds are issued after the fourth week of the semester. The registration fee is non-refundable.

The university is not allowed to make exceptions to the refund policy.

Connecticut Resident Senior Citizen Waiver

Any Connecticut resident 62 or over who is a full-time student is exempted from the state tuition charge and the state university fee. General fees and student activity fees are not waived.

Senior citizens attending the university as part-time students pay a \$55 nonrefundable registration fee, student activity and transcript fee when taking any continuing education courses. *Note:* Part-time online tuition is waived at 25 percent.

Senior citizens must be Connecticut residents and show proof of residency.

Acceptable forms of identification needed to verify residency:

Connecticut Driver's License *or*
Current automobile registration *or*
Federal and state income tax return

Foreign Exchange Policy

Central/Eastern/Southern/Western Connecticut State Universities settle all accounts in United States dollars and do not assume any liability for losses that may result from foreign exchange rate differences under any circumstances. In the event of an error to a student's account, Western Connecticut State University's liability is limited to the correction of the error in U.S. dollars.

Student Insurance Requirements

Accident Insurance: As part of the general fee, all full-time students are covered under an accident insurance plan, 24 hours a day, on and off campus, from August 1 to July 31 or until full-time enrollment is terminated during this period. Benefits under

the accident plan are paid on an excess basis. This means no expense is covered if it would be covered by another health care plan in the absence of this insurance. This insurance supplements, but does not replace, other health care coverage.

Sickness Insurance: The Connecticut State University System requires that all full-time students have sickness insurance to cover medical care not provided by Health Service. The university is able to offer its students comprehensive health care coverage at a very affordable cost. Coverage under this plan includes both inpatient and outpatient services for medical, surgical and mental health needs.

All full-time students will be automatically enrolled in and billed for this sickness insurance plan unless they submit a signed waiver to the cashier's office indicating alternative coverage. Waivers may be submitted online at www.wcsu.edu/insurance.

In reviewing present insurance coverage and deciding whether or not to carry this student insurance, remember that many sickness insurance plans (e.g. local HMOs or IPAs) provide appropriate or effective coverage which may, however, be based at considerable distance from the campus. This has caused problems in providing medical services for students at the university.

In addition, many insurance plans may have age limits for dependents. Students with known health problems are advised to consider this insurance in addition to their family coverage, especially if the latter does not cover 100 percent of medical expenses. All parents must inform students which outpatient laboratory, x-ray, emergency room or hospital they must use, if necessary, in order to have costs paid by their HMO plan.

The WCSU student insurance plan is Aetna Student Health. This is subject to change as we approach a contract year. Insurance information is available at www.aetnastudenthealth.com.

New England Regional Student Program

Western participates in the New England Regional Student Program of the New England Board of Higher Education. This arrangement offers residents of the other New England states the opportunity to enroll at Western for Connecticut resident tuition rates (plus \$2,142.50 per year) in courses not available in their home states. Similarly, Connecticut residents may avail themselves of programs offered by schools in other New England states that are not available at Connecticut State University schools.

Detailed information about the Regional Program can be obtained through the Office of University Admissions at Western, from any secondary school guidance office, or from the New England Board of Higher Education, 45 Temple Place, Boston, MA 02111; (617) 357-9620.

New England Regional Program at Western

Bachelor Degree Programs

American Studies

Communications/Media

Community Health Education

Criminal Justice/Criminology

Earth Science (Astronomy focus)

Health Education

Management Information Systems

Meteorology (Forecasting)

Meteorology (Science)

Open to Residents of:

Rhode Island, Vermont

Maine, Rhode Island

New Hampshire, Rhode Island, Vermont

New Hampshire, Rhode Island

Rhode Island, Vermont

Vermont

Maine

Maine, Massachusetts, Rhode Island

Maine, Rhode Island

State Rehabilitation Programs

State Rehabilitation Commissions frequently offer generous educational services to persons with a disability or a handicap. A student with a disability or handicap should contact a commission office to determine eligibility.

OFFICE OF STUDENT FINANCIAL SERVICES

Western Connecticut State University offers financial aid to help qualified students meet their educational expenses. The staff of the Office of Student Financial Services assists students in determining their eligibility for the various sources of available aid.

While not everyone will qualify for assistance, students should never assume they are ineligible without first applying. A wide spectrum of variables affects the application process and many possible options exist that may pertain to a student's particular circumstances.

The evaluation of financial need is based on an analysis of several factors such as student and family income, family size, assets and liabilities, and the number of family members in school.

In addition, Western's total allocation of funds for an academic year is a factor that determines the amount of aid a student may receive. Meeting the application deadline and assessing the student's financial need are important factors in the financial aid process. All financial aid recipients must apply annually for financial aid to qualify for assistance.

How to Apply

First-Time Applicants & Transfer Students

Complete the Free Application For Federal Student Aid (FAFSA) at www.fafsa.ed.gov, and complete according to instructions. The university's code, 001380, is required. Please be sure to obtain a PIN (personal identification number) for yourself and your parent (if you are a dependent student) prior to completing the online form. The PIN website is www.pin.ed.gov.

Applicants should make every attempt to utilize the IRS Data Retrieval Tool when completing the FAFSA. If at the time of completing the FAFSA Form you are unable to use the IRS Data Retrieval Tool because your taxes were recently filed or were not filed yet, you must update your FAFSA using the IRS Data Retrieval Tool once you have filed your taxes. *Some individuals may not be able to use the IRS Data Retrieval due to other circumstances.*

Important Deadlines

The document resulting from the FAFSA is the Institutional Student Information Record or Student Aid Report (SAR). **These forms must be received in the university's data files with a valid index number and with Western's name by March 15. The applicant should allow four weeks for processing the FAFSA; March 1 is the recommended filing date.**

First-time attending students must be accepted to the university by the Admissions Office by the March 15th deadline in order to be considered an on-time financial aid applicant.

If your FAFSA Form is selected for verification by the U.S. Department of Education, you may be asked to provide the following information or documents:

- If you had not utilized the IRS Data Retrieval Tool you may be asked to update your FAFSA using this tool. In certain circumstances where this is not possible you will then be required to provide an IRS Tax Transcript for student and/or parent-IRS Tax Return Transcripts may be obtained by going online to www.irs.gov; calling the IRS toll-free at 1-800-908-9946 or downloading a form online at www.irs.gov/pub/irs-pdf/f4506TEX and mailing it to the IRS.
- If you and /or your parents did not and will not file a Federal Income Tax Return, then a Non-Filer's Certification Form must be completed and submitted to our office along with a copy of all W-2's for any earned income.
- Verification Worksheet
- If you and/o your parents received any assistance from the Supplemental Nutrition Assistance Program (SNAP), you will need to complete and submit a SNAP Verification Form to our office.
- Proof of Child Support Paid; if applicable
- Proof of High School completion or its equivalent
- Proof of Identity and Statement of Educational Purpose

Once your FAFSA form is received by The Office of Student Financial Services you will be notified of which information and/or documents are required in order to complete the processing of your Financial Aid Award Package.

Note: If selected for Verification additional deadlines may apply.

Returning Applicants

To reapply for financial aid at Western, the following conditions must be met:

1. You must be in good academic standing.
2. You must be a matriculated student registered at least half-time for the upcoming semester.
3. You must have maintained satisfactory academic progress; this requires that you pass at least 24 credits per full-time academic year.
4. You must have completed your financial aid file on time. An on-time financial aid file consists of a completed FAFSA that is received by The Office of Student Financial Services by March 15th. If your FAFSA form is selected for **VERIFICATION**, please refer to the **Important Deadlines** section.

Financial aid awards are given on a first-come, first-served basis. Please submit your paperwork by the required dates.

Scholarships

Western offers more than 100 scholarships and academic awards to undergraduate students. For information about the scholarship selection process, please go to www.wcsu.edu/scholarships.

State Scholarship Recipients

If you are a recipient of a state scholarship and are subject to deadline dates, it is suggested that you complete a FAFSA as outlined (See "First-Time Applicants & Transfer Students"). Be sure to meet the necessary deadline dates.

Note: When you complete the FAFSA, you are applying for all federal, state and University grants and loans offered at Western.

Grants

Federal Pell Grants (Pell)

The Pell Grant was established as a basic access program for students who come from low- and middle-income families. To qualify for a Pell grant, the student must:

1. Be matriculated.
2. Be registered at least half-time.
3. Be enrolled, or accepted for enrollment, in an eligible program as an undergraduate student at the institution.
4. Meet one of the following citizen criteria:
 - a. Be a U.S. citizen.
 - b. Be a permanent resident of the U.S.; or
 - c. Provide evidence from the Immigration and Naturalization Service that he/she is in the United States for other than a temporary purpose, with the intention of becoming a citizen or permanent resident; or
 - d. Be a permanent resident of the Trust Territory of the Pacific Islands or the Northern Mariana Islands.
5. Maintain satisfactory academic progress according to the standards and practices of the institution.
6. Not owe a refund on a Pell Grant, supplement grant or state student incentive intended to meet the cost of attending the institution;
7. Not be in default on any National Defense/Direct Student Loan (also known as Perkins Loan), Stafford Student Loan, or Parent Loan for Undergraduate Students (PLUS) received to meet the cost of attending the institution, and;
8. Not engage in the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance during the period covered by this grant.

Federal Supplemental Educational Opportunity Grant (SEOG)

Supplemental Educational Opportunity Grants are awarded to students pursuing a first baccalaureate degree. Awards range from \$100 to \$4,000 per academic year. The conditions to be met in order to qualify for a supplemental grant are the same as those listed under Federal Pell Grants above.

Connecticut Aid for Public University (CAPS)

A CAP award can be given to half- or full-time matriculated students. Recipients must be Connecticut residents. The grant cannot exceed financial need.

Connecticut State University Grant Aid (CSUG)

Public Act 76-181 authorizes the Board of Regents for the State University to allocate funds to be given as grants to undergraduate students who demonstrate financial need and are enrolled as full or half-time matriculated students in a degree-granting program.

Educational Loans

Federal Perkins Loan Program (PERK)

This program uses both federal and state funds. Annual loan limits are established at \$4,000 for undergraduate students and \$6,000 for graduate students. Aggregate borrowing limits are set at \$20,000 for undergraduate students and \$40,000 for graduate and professional students.

Students must provide their driver's license number at the time of application. The monthly minimum repayment is set at \$40. There will be no repayment of principal or interest until nine months after the student graduates or formally leaves school.

Note: There are a variety of reasons why Perkins Loan payments may be deferred; i.e., economic hardship, military service, etc. For more complete information, please refer to the promissory note that is a part of your loan agreement.

Federal Direct Loans

Direct Loans are low-interest loans for students and parents to help pay for the cost of a student's education after high school. The lender is the U.S. Department of Education rather than a bank or other financial institution.

Direct Subsidized Loan (FSxx)

Subsidized Loans are for students with demonstrated financial need, as determined by federal regulations. No interest is charged while a student is in school at least half-time, during the grace period, and during deferment periods. For more information on the Direct Subsidized Loans including current interest rates, please visit www.direct.ed.gov.

Unsubsidized Student Loan (FUxx)

Unsubsidized Loans are not based on financial need; interest is charged during all periods, even during the time a student is in school and during grace and deferment periods. For more information on the Direct Unsubsidized Loans including current interest rates, please visit www.direct.ed.gov.

Borrowing Limits for Direct Subsidized and Direct Unsubsidized Student Loans

Loan limits are determined by a student's status or the number of completed credit hours:

- First year student (0-29 credit hours completed)
- Second year student (30-59 credit hours completed)
- Other undergraduate (60+ credit hours completed)
- Graduate and professional (undergraduate degree requirements completed)

Loan limits are as follows:

For DEPENDENT students

- \$ 5,500 First year (\$3,500 of this amount may be subsidized)
- \$ 6,500 Second year (\$4,500 of this amount may be subsidized)
- \$ 7,500 Other undergraduate (\$5,500 of this amount may be subsidized)
- \$ 20,500 Graduate and professional

For INDEPENDENT students:

- \$ 9,500 First year (\$3,500 of this amount may be subsidized)
- \$ 10,500 Second year (\$4,500 of this amount may be subsidized)
- \$ 12,500 Other undergraduate (\$5,500 of this amount may be subsidized)
- \$ 20,500 Graduate and professional

Aggregate Limits For FFEL Loans

- \$31,000 as a dependent undergraduate student
- \$57,500 as an independent undergraduate student (\$23,000 of this amount may be in subsidized loans)
- \$138,500 as a graduate or professional student (\$65,500 of this amount may be in subsidized loans)

Direct Plus Loan (FPxx)(FGxx)

The Direct Plus Loans are unsubsidized loans for the parents of dependent students and for graduate/professional students. PLUS loans help pay for education expenses up to the cost of attendance minus all other financial assistance. Interest is charged during all periods. For more information on the Direct Plus Loans including current interest rates, please visit www.direct.ed.gov.

Consolidation Loans

Eligible federal student loans can be combined into one Direct Consolidation Loan. These loans are designed to help student and parent borrowers simplify loan repayment by allowing the borrower to consolidate several types of federal student loans with various repayment schedules into one loan. For more information on Consolidation Loans, please visit loanconsolidation.ed.gov.

Loan Repayment

Generally, you'll have from 10 to 25 years to repay your loan, depending on which repayment plan you choose. (There are several.) The Direct Loan Servicing Center will notify you of the date your first payment is due.

If you do not choose a repayment plan, you will be placed on the Standard Repayment Plan, with fixed monthly payments for up to 10 years. Most Direct Loan borrowers choose to stay with the Standard Repayment Plan, but there are other options for borrowers who may need more time to repay or who need to make lower payments at the beginning of the repayment period. For more information on the different repayment plans, please visit www.direct.ed.gov.

Borrower Defenses Against Repayment

The department will specify in regulations what acts or omissions of a school a borrower may assert as a defense against repaying a student loan. However, a borrower may not recover from the department an amount that exceeds what he or she has repaid on the loan.

Deferments

During deferment periods, payment of principal will be postponed. Deferments may be granted for:

- at least half-time study at a post-secondary institution;
- study in an approved graduate fellowship program or in a rehabilitation training program for the disabled;
- unemployment (up to three years) and;
- economic hardship (up to three years).

Bankruptcy

The limits that exist in Section 532(a)(6) of the Bankruptcy Code to prevent the discharge of student loans in bankruptcy specify that student loans will not be discharged except in cases where the loans first became due more than seven years before the date the borrower and his or her dependents incurred hardship. These provisions apply to both Chapter 7 and Chapter 13 bankruptcy cases.

Federal Tax Information

Any funds received from scholarships, benefits, fellowships, Western or any other sources, when combined, exceed the cost of tuition, fees, books, required equipment and supplies are considered taxable income. These include federal Pell Grants but not federal loans. The borrower is required to report taxable awards to the IRS as income and therefore should keep a detailed record of all expenditures. Housing and food are considered nonexempt, so money spent on these items is subject to income tax.

Satisfactory Academic Progress

Students receiving financial assistance under the federally supported Title IV Programs/Veteran's Benefits must comply with the following set of standards to be eligible for such assistance. Academic progress is measured on an academic year basis. Measurement is conducted at the close of the spring semester. An academic year runs from the beginning of the fall semester to the end of the spring semester.

There is more than one condition that is being monitored to determine a student's Satisfactory Academic Progress (SAP) for financial aid applicants. SAP is measured by quantitative and qualitative standards and is an assessment of your cumulative academic record at Western Connecticut State University.

Students applying for financial aid must be matriculated and must maintain that quality of academic performance required to remain a matriculated undergraduate or graduate student at the University.

A. Qualitative measure of academic performance:

An undergraduate student must maintain a cumulative GPA of:

- 1.7 or higher with up to 30 credits attempted *or*
- 2.0 or higher with a minimum 31 credits attempted

A graduate student must maintain a cumulative GPA of 3.0 or higher.

B. Quantitative measure of academic performance:

Pace: Matriculated undergraduate and graduate students must successfully complete two-thirds (67 percent) of credits attempted. All attempted credits resulting in either an academic grade or administrative notation will be included in the quantitative calculation. Incomplete courses, course withdrawals, course repetitions and noncredit remedial courses will be included in the assessment. Transfer credits will be counted as attempted and earned credits in the calculation for determining satisfactory academic progress.

Speed of completion for degree: Undergraduate and graduate students may receive financial aid for attempted credits in your program of study that do not exceed 150 percent of the published credit of your educational program at the University.

This 150 percent credit rule is also applicable to students who have changed majors, seek a dual degree or second degree. This component of the Satisfactory Academic Progress requirement is not subject to the appeal process as explained in the October 29, 2010, Federal Register.

An example is if a bachelor's degree program requires 120 credits for completion, you must complete the program with no more than 180 attempted credits.

C. Alternatives for Completion of Academic Progress

1. The undergraduate student who does not attain the above levels of satisfactory academic progress may complete the needed hours in winter intersession and summer sessions. The student needs to submit in writing to the Office of Student Financial Services that they have completed their credits.
2. You may submit an appeal for reinstatement of your financial aid if you did not successfully complete the qualitative measure (GPA), the Pace requirement listed under the quantitative measure, or a combination of both. Appeals may be based on, death of a relative, injury or illness of the student or other special circumstances. SAP appeals must be written using the Satisfactory Academic Progress Appeal form and submitted with supporting documentation and a written explanation of what has changed that will allow you to complete Satisfactory Academic Progress during the next academic year. This form should be submitted to the SAP Appeal Committee, C/O Undergraduate Admissions Office, Old Main 201.

D. Title IV Programs are:

1. Federal Pell Grant (PELL)
2. Federal Supplemental Educational Opportunity Grant (SEOG)
3. Federal College Work Study Program (FWSP)
4. Federal Perkins Loan Program (PERK)
5. Federal Direct Student Loan Programs:
 - a. Subsidized Student Loans

- b. Unsubsidized Stafford Loans
- c. Parent Loan for Undergraduate Students

**Please note, the majority of state and university funded grants as well as certain alternative loan programs also adhere to the Satisfactory Academic Progress Policy.*

For More Information about Financial Aid

Contact Western Connecticut State University, Office of Student Financial Services, Old Main 105, 181 White Street, Danbury CT 06810. E-mail wcsufinancialaid@wcsu.edu. Reach us on the web at www.wcsu.edu.

Once enrolled, you may access your individual financial aid information via Western's student information server, WestConduit. Go to www.wcsu.edu and under Quick Links, choose WestConduit. There you can view the status of each financial aid award, the amount awarded and disbursed, as well as the status of your financial aid file and any correspondence to date.

Student Employment

Student employment is an integral part of university life for many students. Student labor benefits the university in almost every academic and administrative department on campus. Student employment may be related to a student's major or interests and work schedules can be designed around a student's academic schedule.

Western employs approximately 700 students during the academic year. The types of jobs available are as diverse as the students themselves. A complete list of job descriptions is available at www.wcsu.edu/finaid/employ.asp.

Students are paid bi-weekly, and the hourly rate is contingent on the difficulty of position and the experience of the student.

There are two major funding sources for the student labor force at Western Connecticut State University:

- the Federal College Work Study Program
- the institutional payroll

The Federal College Work Study Program is a federally funded program based on financial need. Because the program is financially need-based, work experience is not the qualifying factor. In order to work under the Federal College Work Study Program, a student must meet the conditions listed under the Pell Grant section.

Western's institutional payroll is not based on a student's financial need. Students are employed based on the needs of each department, availability of funds, and the student's experience in specific areas.

All federal and state funds are subject to federal and state regulations as mandated

Off-Campus Employment Opportunities

Western Connecticut State University offers a variety of off-campus employment opportunities for students who have demonstrated financial need and who might like to work in a non-profit organization, such as Literacy Volunteers of America or, in the Danbury Public School System. These jobs allow students the many benefits of community involvement while earning money and continuing their education. For more information on these positions, contact Western's Office of Student Financial Services.

Veterans

The Office of Student Financial Services assists veterans and National Guard in certifying educational benefits. Our office is located in Old Main 105 on the Midtown campus. The office hours are Monday through Friday, 8 a.m. to 4:30 p.m.

For information about benefits earned through the armed services, contact Veterans Affairs/Office of Student Financial Services.

The Connecticut Department of Higher Education has approved WCSU's educational programs for the training of veterans. Veterans may take advantage of their benefits under chapters 30, 32, 33, 35 and 106.

Additionally, spouses, surviving spouses and children of veterans seeking approval for educational benefits should apply through the Office of Student Financial Services.

To explore available benefit programs, please go to:
www.gibill.va.gov/GI_Bill_Info/benefits.htm.

Tuition Waivers

If you served on active duty during a time of war or conflict, and are admitted as an *in-state* resident, you may be eligible for a waiver of tuition.

A tuition waiver relieves the benefactors from the responsibility for payment of tuition. The tuition waiver does not apply to other costs and fees, such as student activity fees, insurance fees, and laboratory fees.

There are two main categories of tuition waivers:

National Guard Tuition Waiver

National Guard members who have received a certificate of eligibility from the adjutant general and who have been admitted to the university as full-time students and registered for classes can submit the certificate to the Office of Student Financial Services, Old Main 105, for a waiver of tuition.

Connecticut State Tuition Waiver

Public Act 78-175 and Public Act 74-266 authorized the Board of Regents of the Connecticut State University System to waive the payment of tuition for veterans, or a dependent child* of a person classified as a prisoner of war or missing in action.

The board also declares that qualified summer and part-time students (registered for less than 12 credits) are entitled to a waiver of 50 percent of tuition cost.

* Dependent children: Must be a dependent child of a person whom the armed forces declared to be missing in action or to have been a prisoner of war while serving in the armed forces after January 1, 1960.

To be eligible for this tuition waiver at Western Connecticut State University, a veteran must:

- Be honorably discharged or released under honorable conditions from active service in the U.S. Armed Forces (U.S. Army, Navy, Marine Corps, Air Force and Coast Guard). National Guard members, activated under Title 10 of the United States Code, are also included.
- Have served at least 90 days active duty in time of war (see Periods of Service) except if separated from service earlier because of a federal Department of Veterans Affairs-rated service connected disability; or the war, campaign or operation lasted less than 90 days and service was for the duration.
- Be accepted for admission at Western Connecticut State University.
- Reside in Connecticut at time of acceptance by the University

Periods of Service

Only those who served in the following manner may qualify:

- Active duty for at least 90 days during:
World War II — December 7, 1941 to December 31, 1946
Korean Conflict — June 27, 1950 to January 31, 1955
Vietnam Era — February 28, 1961 to July 1, 1975
Persian Gulf War — August 2, 1990 until an ending date prescribed by presidential proclamation or by law (no end date at this time). All military war service subsequent to August 2, 1990 is covered, including but not limited to, Enduring Freedom, Noble Eagle, Operation Desert Shield, Desert Storm, Iraqi Freedom, Somalia and Bosnia.
- Engaged in combat or in a combat-support role in:
Lebanon – July 1, 1958 to November 1, 1958 or September 29, 1982 to March 30, 1984
Grenada – October 25, 1983 to December 15, 1983
Operation Earnest Will – February 1, 1987 to July 23, 1987 (escort of Kuwaiti oil tankers flying U.S. flag in the Persian Gulf)
Panama – December 20, 1989 to January 31, 1990
Reservists must be mobilized in time of war for other than training purposes.
- Also, those who have served 90 consecutive days of active service since August 2, 1990

Documents Required for Veterans' Educational Benefits

1. WCSU Veteran's Registration Form;
2. Veteran's Affairs Application for Benefits (either a 22- 1990 for veterans, or a 22-5490 for dependents) and one or more of the following, as required:
 - a. Montgomery G.I. Bill (Chapter 30) candidates: Form DD-214.
 - b. Montgomery G.I. Bill (Chapter 106) candidates: Form DD-22384.
 - c. Chapter 33 candidates: Certificate of Eligibility from Department of Veteran Affairs
 - d. Transfer students must complete a VA form 22- 1995 (Change of Place or Program Form).

If you have any questions about veteran or selected reserve educational programs, contact the Office of Student Financial Services, Old Main 105, or call (203) 837-8840.

Reserve Officers Training Corps (ROTC)

Students may earn a commission in the United States Air Force by completing requirements of the Reserve Officer Training Corps (ROTC) program as part of their studies at a university. ROTC is not currently offered at Western Connecticut State University.

AIR FORCE ROTC (AFROTC)

Students at Western Connecticut State University are able to take AFROTC classes at Yale University and receive commissions as second lieutenants.

The AFROTC program is available to Western Connecticut State University students at Yale University's main campus in New Haven. Through the AFROTC program, Western Connecticut State University students, without paying extra tuition, can pursue a commission as an officer in the United States Air Force. The freshmen and sophomore courses carry no military obligation and are open to all students. Scholarships are also available for qualified students. These scholarships pay up to full tuition and fees, as well as money for books and a monthly tax-free stipend.

Students enroll in a four-year or three-year (if joining in their sophomore year) AFROTC sequence. Students commute to New Haven for AFROTC-specific classes and events.

Qualified students should contact the AFROTC office at (203) 432-9431 or visit our website at yalecollege.yale.edu/content/air-force-rotc-yale.

STUDENT AFFAIRS

AccessAbility Services (formerly Disability Services)

The Office of AccessAbility Services directs and coordinates accommodations and services for students with disabilities. The office provides advocacy, reasonable accommodations, early registration, confidential counseling, complaint processing, exam proctoring, assistive technology, writing assistance, foreign language alternatives, specially designated math sections, and other services that are of value and consequence to students with disabilities.

The AccessAbility Services staff works collaboratively with the university community to create a welcoming, inclusive and accessible campus. The university respects students' rights to disclose or not to disclose a disability; however, the university is not responsible for providing services or accommodations for students who do not disclose a disability to AccessAbility Services.

To receive services or accommodations, students must provide appropriate disability documentation and request accommodations in a timely manner. Communication of a disability to other sources does not serve as a substitute for official notification to AccessAbility Services.

To discuss a disability concern or to request an accommodation, contact the coordinator of AccessAbility Services in Higgins Annex, Room 017, or call (203) 837-8225 or e-mail obere@wcsu.edu. AccessAbility Services policies and procedures are posted on our website: wcsu.edu/accessability.

Discrimination in programs and services due to a disability is prohibited at Western Connecticut State University and is a violation of state and federal law. To file a complaint of discrimination because of a disability, contact Carolyn Lanier, Executive Assistant to the President/Chief Diversity Officer, Old Main 101, at (203) 837-8277 or lanierc@wcsu.edu.

Please note that the discrimination complaint procedure does not replace and is not a substitute for other established university procedures such as judicial, grade appeal, housing, public safety, or other such policies and procedures. Students with disabilities are held to the same standards and must follow established policies and procedures as other students at Western Connecticut State University.

Athletics

Faculty: *Athletic Director* Ed Farrington; Pete Algarin; Mark Allen; Scott Ames; Bob Campbell; Jill Cook; Don Ferguson; Patrick Hull; George Kostelis; Joe Loth; Danielle McDonnell; Joe Mingachos; Kelly Niznansky; Jason Ouellet; Jennifer Ouellet; Kimberley Rybczyk; Heather Stone; John Susi; Ritush Venugopal.

A complete list of the Athletics Department Administration and coaches with contact information can be found on the WCSU website at www.wcsu.edu/sports/AthleticStaff/staffdirectory.html.

Intercollegiate Athletics

Western offers a variety of opportunities for the student-athlete to excel at the regional and national levels of competition. Sporting events are scheduled throughout the academic year and opportunities are provided for male and female teams.

Men:

Fall — Soccer, football
Winter — Basketball
Spring — Tennis, baseball, lacrosse

Women:

Fall — Volleyball, tennis, soccer, field hockey
Winter — Basketball, swimming and diving
Spring — Softball, lacrosse

All programs belong to the National Collegiate Athletic Association (NCAA) Division III. The football program is a member of the New Jersey Athletic Conference. The 13 other intercollegiate athletic programs are members of the Little East Conference. In addition, all programs hold membership in the Eastern College Athletic Conference (ECAC).

The university belongs to conferences and associations appropriate to the specific athletic program.

Eligibility To Participate In Varsity Athletics

Eligibility is determined in accordance with policies established by the NCAA, including requirements for satisfactory progress and good academic standing.

Campus Ministry

The spiritual needs of the students are served by a staff of three religious leaders of the Roman Catholic, Protestant and Jewish communities. They offer opportunities for worship celebrations, service projects, pastoral counseling, community outreach, and various programs of a religious, ethical and philosophical nature.

Places for study, reflection, friendship, and relaxation are available at the Student Center and the Newman Center (across the street from Newbury Hall).

Campus ministers can be reached at:

- Catholic — Student Center 211, (203) 837-3240 or Newman Center, (203) 744-5846

- Protestant – Student Center 211, (203) 837-8328
- Jewish — For leadership call Student Affairs at (203) 837-9700

Career Development Center

The Career Development Center (CDC) provides a wide range of services to help students with career planning and job searches. Students who are exploring career options can discuss their plans with a CDC staff member and use the “SIGI3” software, which assesses career interests and provides extensive information on different job fields.

You can also take advantage of an extensive career library which offers a large collection of literature on career fields, job search, company profiles, and graduate and professional school information. The CDC also hosts several online resources such as Going Global, and VAULT Career Insider, which makes extensive career and employer information available 24 hours a day.

Students who want to receive practical experience in their field should take advantage of our highly successful Cooperative Education (Co-op) Internship Program, which provides career-related experience linked to major or career interest. Students receive academic credit, and in most cases, a salary, for their co-op work experience.

The CDC provides an On/Off Campus Recruiting Program for graduating seniors to interview for career opportunities with area employers. We also have an online job posting and job search information site, College Central, which students can access 24 hours a day at www.collegecentral.com/wcsu.

The CDC hosts a major Career Fair each year that provides job opportunities for full-time, part-time, and summer employment as well as co-ops and internships. We also host a number of special workshops on resume writing, interviewing, job search strategies, as well as resume critique sessions to help you with your job search.

The CDC is located on the second floor of the Student Center on the Midtown campus, Room 227. “Drop-in hours” are offered several days a week. Further information is available on the CDC website: wcsu.edu/cdc or by calling the office at (203) 837-8263.

Counseling Center

The primary goal of the Counseling Center is to support the mental health and well-being of WCSU’s students. We pursue this endeavor principally through the provision of confidential psychotherapy and crisis intervention services to students, at no additional expense to them or to their families.

The staff also provides consultation services to faculty, administration and staff, as well as a series of presentations, seminars, and workshops for the academic community about a wide variety of mental health-related topics.

The Counseling Center employs four full-time, licensed therapists during the academic year, two of whom are also available during the summer session. Additionally, we have three clinical or counseling psychology graduate students in training under the supervision of the senior therapists. Our administrator has more than 10 years of experience in the Counseling Center. The staff is both gender and culturally diverse.

The Counseling Center is equipped to address the full range of mental health problems, including such issues as adjustment to college life, stress, time management, difficulties with interpersonal relationships, loneliness and isolation, sleep disturbances, anxiety, depression, eating concerns, suicidal thinking, interpersonal and/or sexual violence, alcohol and substance abuse, grief and loss, anger management, and identity issues. Treatment is tailored to the unique needs of each student. Referrals to clinicians in the community can be made when indicated.

The Counseling Center is located on the Midtown campus at Student Center 222, 181 White St. Our hours of operation are from 8:30 a.m. to 4:30 p.m., Monday through Friday. Students can call or come in for information or to schedule an appointment, and faculty should feel free to contact us for consultation.

The Counseling Center can be reached by telephone at (203) 837-8690, with information online at www.wcsu.edu/counseling.

In case of an emergency outside of regular business hours, students should dial 911 or call the 24-hour mental health emergency hotline at (888) 447-3339.

Health Service

The Health Service office, located in front of Litchfield Hall, provides full-time students with primary care and health education on a year-round basis. It is staffed by a doctor, two nurse practitioners, and a secretary. Office hours are 8 a.m. – 4 p.m., Monday through Friday. Appointments are required for non-emergencies. Changes in hours are reported to the Dean of Student Affairs, University Police, and Office of Residence Life.

An office visit at Health Service is not billed to the insurance company or charged to the student.

The costs for radiology, laboratory, and diagnostic tests are the student’s responsibility.

A nominal charge is billed to tuition if the student chooses to have a prescription dispensed on site. If a written prescription is dispensed, the student can use an in-network pharmacy to fill the order.

In the event the medical staff needs to refer a student to a specialist or the local emergency department at Danbury Hospital, the student’s health insurance plan would apply.

In the event a student is treated in Health Service during office hours and becomes incapacitated by illness or injury and needs to be transported by ambulance, or needs someone to assist following discharge, the medical staff will offer to contact an individual with consent from the student.

Immunizations

State of Connecticut law requires all matriculated students (full-time and part-time) to provide proof of the following immunizations. WCSU recommends all students complete the Connecticut State University Student Health Service Form available at www.wcsu.edu/onlineforms.asp

- Two measles, two mumps, two rubella, and two varicella (exempt from varicella/chicken pox if born in the United State before 1/1/1980 or if the student had the actual chicken pox per a doctor's letter).
- The actual lab results of positive titers (blood test) may be submitted in lieu of the immunization.
- All resident hall students are required by Connecticut State Law to have documented proof of meningococcal/meningitis/menactra vaccine before a room is assigned.

Failure to comply with the state-mandated immunization requirements will restrict you from registering for the following semester.

The Hepatitis B vaccine, though not required, is strongly recommended for students. Hepatitis B is a serious viral infection which can be prevented through the vaccine. The preventative vaccine is recommended by a number of health associations, including the Center for Disease Control, the National Collegiate Athletic Association and the American College Health Association. Contact your health care provider or local health department.

Some academic programs may require additional immunizations or examinations before the student's participation in an internship or other assignment.

Sports

All new varsity players must submit a completed "Pre-participation Physical Exam for Varsity Athletes" form, a "Questionnaire for Participation in Varsity Sports" and an "Authorization for Release of Information" form.

Also on an annual basis, all varsity athletes must complete a health questionnaire and a release of information which is reviewed by the Health Service staff. These forms are available to download at [wcsu.edu/health services/athleticrequmt.asp](http://wcsu.edu/health_services/athleticrequmt.asp).

Insurance

Enrollment and waivers are administered through the University Cashier, located in Old Main 106. For more information, call (203) 837-8381.

Housing and Residence Life

Western Housing and Residence Life offers its residents an integrated program known as CULTURE™, which stands for "Creating Undergraduate Learning Through Unique Residential Experiences."

The CULTURE™ program is designed to help students excel academically and provides a myriad of opportunities for community and leadership development. Students who live on campus are expected to participate in and support their living and learning environments.

Once you have made the decision to live on campus, it is important to find the residence hall that best suits your needs. There are six halls at Western: three on the Midtown campus and three on Westside.

Residence Halls

Midtown

The three residence halls on the Midtown campus are all traditional-style residence halls. Newbury and Litchfield Halls and the newly-renovated Fairfield Hall are coeducational. All buildings are state-owned and staffed with professional residence directors. Rooms have basic cable, local telephone and voicemail access, and students may access the Internet through the campus ResNet program.

Rooms accommodate two or three students. Beds, desks, bookshelves, chairs and dressers are provided, and roommates may enhance the decor with items such as drapes, bedspreads, rugs and lamps. Linens are not provided, so students must supply their own mattress pads, pillows, sheets, towels and pillow cases. All beds are regular twin size.

Westside

Grasso Hall

Grasso Hall is an apartment-style, upper-class, residence hall. Each apartment is furnished and has two bedrooms, a living/dining room, a kitchen, a bathroom and is provided with basic cable service, local telephone and voicemail access, and access to the Internet via ResNet, the campus provider.

Traditionally, four students live in each apartment — two students per bedroom. While Grasso students are usually very involved in academic and campus life, they still maintain an active hall council which provides a variety of social and educational events throughout the year.

Pinney Hall

A 425-person apartment-style building for upper-class students, Pinney Hall has five-person apartments that include three furnished bedrooms, two bathrooms, a furnished living and dining area, a full-sized kitchen, and a balcony. In addition, there are two-story floor lounges spaced throughout the building, as well as a conference/meeting room (center). All apartments are provided with basic cable service, local telephone and voicemail access, and access to the Internet via ResNet, the campus provider.

Centennial Hall

Centennial Hall is a suite-style hall whose furnished suites typically have a living room, two bedrooms, and toilet, shower and

sink rooms. Kitchens are not provided in this residence hall and residents are required to participate in the Ultimate Dining plan. Typically, five students share a suite. Basic cable, local telephone and voicemail access, and Internet access through the campus ResNet service is provided. Study lounges are located on each floor and a large multi-purpose area is located on the ground floor. There is a parking garage at the rear of the building.

Meal Plans

On the Midtown campus and in Centennial Hall, all resident students are required to participate in the Ultimate Dining plan. Students living in Pinney and Grasso are required to participate in the Blue 75 meal plan, or they may opt to purchase either the Ultimate Dining or the Gold 125 plan.

Application for On-Campus Housing

When students are accepted to the university, they are mailed an application for on-campus housing. Included in this packet are detailed instructions explaining the order in which available housing spaces are filled. Only full-time, matriculated students are eligible to live in on-campus housing.

Returning students who were not assigned housing the previous semester are placed on the housing assignment list on the date their housing application is received. Students who become on-campus residents must maintain a 2.0 cumulative grade point average and meet the guidelines for satisfactory academic progress in order to remain eligible for on-campus housing. Returning students, 21 and older, receive priority for housing on the Westside campus. Because of the overall demand for on-campus housing, students are encouraged to apply early for housing.

Off-Campus Housing

The Department of Housing and Residence Life is partnered with an off-campus listing service, Places4Students.com. Students looking for off-campus accommodations are encouraged to go on-line to check for current listings. A link to the site may be found at the Housing & Residence Life website, wcsu.edu/housing.

Judicial Affairs

The Office of Judicial Affairs administers the student discipline process and serves as liaison to all university departments regarding matters pertaining to student conduct. All Western students are expected to adhere to the policies and procedures outlined in the Student Code of Conduct and Statement of Judicial Procedures. Formal complaints, as well as any inquiries concerning the student discipline system and student discipline records, should be directed to the Director of Judicial Affairs at (203) 837-8770.

Student Code of Conduct and Statement of Judicial Procedures

The Student Code of Conduct and Statement of Judicial Procedures is intended to present a clear statement of student rights and responsibilities and to set forth the judicial procedures established by the Connecticut State University System to protect those rights and address the abdication of those responsibilities. The code describes the types of acts that are not acceptable in an academic community, as well as the general processes by which the commission of those acts will be addressed.

Students must be aware that, as citizens, they are subject to all federal and state laws in addition to all university regulations governing student conduct and responsibilities. Students do not relinquish their rights or shed their responsibilities as citizens by becoming members of the Connecticut State University community.

Preamble

Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students and the general well-being of society. In line with this purpose, the university has the duty to protect the freedoms of inquiry and expression and furthermore has the responsibility to encourage all of its members to develop the capacity for critical judgment in their sustained and independent search for truth.

The Connecticut State University System has certain self-defined institutional values. Principal among these values is respect for the dignity, rights, and individuality of each member of the university community. The opportunity to live, study, and work in an institution which values diverse intellectual and cultural perspectives and encourages discussion and debate about competing ideas in an atmosphere of civility is a basic component of quality higher education at this university.

All members of the university community must at all times govern their social and academic interactions with tolerance and mutual respect so that the men and women who pass through the university's doors are enriched by these experiences and are prepared for full and enlightened participation in a multi-cultural society. Because of the university's commitment to principles of pluralism, mutual respect, and civility, certain activities are not acceptable on the university campus. Acts of intolerance, of hatred or violence based on race, religion, sexual orientation, disability, gender, age, or ethnic background are antithetical to the university's fundamental principles and values. It is the university's responsibility to secure the students' right to learn by establishing an environment of civility.

The disciplinary process is intended to be part of the educational mission of the CSU System. Student disciplinary proceedings are not criminal proceedings and are not subject to court rules of procedure and evidence.

The complete "Student Code of Conduct and Statement of Judicial Procedures" can be found in the Student Handbook, which is available through the Office of Student Affairs in Old Main 306 and at www.wcsu.edu/stuaffairs.

New Student Orientation

New Student Orientation is designed to meet the needs of newly-admitted students and to answer many of the questions they may have about Western and the college experience.

For students entering Western in the fall semester, orientation consists of two programs — a summer program usually held in

June and Welcome Week scheduled just before and during the first week of classes.

During June orientation, students have the opportunity to get their ID and parking permit, establish computer accounts and finalize their class schedule for the upcoming semester. At that time, students and parents are officially welcomed to the university by the president. They are invited to lunch with their dean and faculty, attend workshops and tour the campus. Students admitted after June orientation will have ample opportunity to do these things and get set for the fall during the summer months.

Welcome Week is organized around the first week of classes and includes the weekends before and after classes begin. Resident students move into the residence halls at this time. Both commuter and resident students and their families are officially welcomed during Western's "Entering the Gates" ceremony. Workshops are offered for both parents and students, and often include special orientation programs for commuter students, transfer students, international students, adult learners and veterans. Welcome Week also includes lectures, movies, concerts, Clubs Carnival and other activities intended to welcome students to campus.

For students beginning classes in January, orientation typically consists of an evening program during the first week of classes for students and their parents.

If you would like more information about New Student Orientation, please call the Office of Student Affairs at (203) 837-9700.

Pre-Collegiate & Access Programs

To enhance and ensure that pre-college students have the opportunity to develop their academic skills required for college admissions, Western has established the ConnCap (state)/Upward Bound (federal) Program for high school students and the Excel Program (state/local) for middle-schoolers.

These pre-college programs have assigned advisers and staff dedicated to assisting and closely monitoring the middle/high school students' academic progress throughout their public school experience. These pre-college programs provide and promote academic achievement, cultural enrichment, the use of technology and instructional classes; from pre-algebra to parental workshops.

Included in the Pre-Collegiate & Access Programs is the EAP (Educational Achievement & Access Program) that offers academically under-prepared students an intense, "five-week" summer residential program in order for select EAP students to fulfill admission requirements. The five-week EAP program provides 35 to 40 students the opportunity to experience college life while living on campus and taking two academically challenging college classes.

Recreation, Intramurals and Club Sports

Recreation

The recreation department at Western is dedicated to providing the campus community with many recreational activities to encourage physical fitness and promote positive well-being. Athletic facilities are available to the Western community on both campuses.

The Bill Williams Gymnasium on the Midtown campus provides aerobics and fitness classes and a fitness room for cardio workouts and strength training.

The Westside campus is home to the William A. O'Neill Athletic and Convocation Center, which houses the Feldman Arena, a six-lane natatorium, a four-lane indoor track, four full courts for basketball and volleyball and a fitness center for cardio and strength training. Three practice fields and six lighted tennis courts are also available.

In addition, a new cardio fitness room is located on the first floor of the Westside Campus Center. Dedicated to encouraging intense cardio workouts, this facility has top notch Precor equipment, and each machine is equipped with its own television. There is specific equipment available for core training as well.

Students are invited to join the Recreation Council, which plans events and brings recreation activities to campus. Contact Amy Shanks at (203) 837-8609 for details.

Feedback on campus recreation is welcome. Please contact the Assistant Director for Student Life/Student Activities, Amy Shanks, at (203) 837-8609 or in the Midtown Student Center, Room 207.

Intramurals

The Western Intramurals Program offers team and individual sports activities with women's, men's and coed divisions. Events include: flag football, 5-on-5 basketball, dodgeball, volleyball and more.

Individuals of all skill levels are encouraged to join for friendly competition and fun. Intramural sports encourage friendship, strengthen the mind and body and develop character, while nurturing a skill.

The intramural program is open to all Western students, faculty, staff and alumni. Suggestions for new intramural activity are welcome. Contact Amy Shanks at (203) 837-8609.

Club Sports

The club sports program provides an opportunity for individuals who share an interest in a recreational sport to improve their skill level and overall knowledge. Club sports can be organized on either a recreational or a competitive level. Instructional activities range from informal play to regular practices, in preparation for intercollegiate and tournament competition. Many clubs compete with other schools and are a part of a collegiate league of play.

Each club is created, organized, maintained and driven through student effort. Active clubs include ice hockey, cheerleading, dance team, women's rugby and men's rugby.

The club sports program is open to all Western students. If you would like to join an existing club, or you are interested in

starting up a club, contact Amy Shanks, Assistant Director for Student Life/Student Activities, Room 207 in the Midtown Student Center, (203) 837-8609.

The Center for Student Involvement

www.wcsu.edu/studentlife

Dennis Leszko, Associate Director of Student Life/Student Activities, (203) 837-8214, Student Center 207

Amy Shanks, Assistant Director of Student Life/Student Activities, 203-837-8609, Student Center 207

studentlife@wcsu.edu

The Center for Student Involvement (CSI), located in the Midtown Student Center, is the main point of contact for students wanting to form a new club or organization and those already involved with one. This is where clubs register and receive information and support.

The Center for Student Involvement staff advises more than 80 clubs including the Student Government Association, the Program Activities Council and the Recreation Council. The CSI also operates the recreation, intramurals and club sports program.

The Center for Student Involvement staff also provides assistance with leadership development, university policies and event planning as well as coordinates programs, events and activities on campus organized by and for students through the Student Activities Master Calendar.

Clubs and Organizations

Student Government Association (SGA) | Student Center 215, (203) 837-8711, sga.wcsu.edu

The SGA is the official voice of the student body. It appoints student representatives to university committees, allocates the student activities fee to student organizations and protects student rights.

The Echo / Student Center 212, (203) 837-8707 or (203) 837-8708, www.wcsuecho.com

Western's student-run weekly newspaper is distributed on both campuses each Tuesday. All students, independent of their major, are eligible to write and work for *The Echo*.

Greek Council | Student Center 217, (203) 837-8217, www.wcsu.edu/studentcenter/studentorg.

This is the governing body for all social Greek-letter organizations.

Inter-Residence Hall Association (IRHA) | Newbury Hall, (203) 837-8720

The Inter-Residence Hall Association is the governing body for each of the Residence Hall Councils. Representatives are elected from each residence hall.

Program Activities Council (PAC) | Student Center 219, (203) 837-8421

PAC is the main programming board for student activities, and organizes trips, game shows, concerts, comedians, movies, and entertainment. The council meets every Wednesday at 4 p.m. in the Student Center.

Student and Campus Center Board | (203) 837-8504

The board is the collective student voice advising the Midtown Student Center and Westside Campus Center on serving student needs and enrichment.

Student Veterans Organization | Student Center 208

The Student Veterans Organization (SVO) was established in 2009 to acknowledge the needs of Western veterans who wish to better integrate into the university community. Officially recognized and endorsed by the Student Government Association, the SVO comprises student veterans who wish to support and serve other veterans — at WCSU and abroad — in a number of ways.

WXCI Campus Radio | Student Center 213, (203) 837-8387, wxci.wcsu.edu.

91.7 WXCI is a student-run college radio station located on the Midtown campus. Since its inception in 1973, WXCI has remained the second largest college station in Connecticut, transmitting with 3,000 watts.

Other Student Organizations

For a complete list of student organizations, visit wcsu.edu/studentlife.

The Substance Abuse Prevention Program (CHOICES)

The Substance Abuse Prevention Program at WCSU is called CHOICES (Cultivating Healthy Opportunities in College Environments). We believe that all students want to succeed academically and fulfill their potential during their college years. When substance abuse becomes a concern, it can seriously derail those dreams.

The goal of the office is to help students make informed and responsible decisions about the use of alcohol and other drugs of abuse; to collaborate with student organizations, faculty and staff in planning alternative activities that promote healthy lifestyle choices; and to work with students in creating positive changes on campus aimed at reducing underage and binge drinking.

The CHOICES Office provides accurate, current information on alcohol and other drugs, as well as information on a variety of other topics that are relevant to college life.

The office conducts individual screenings and assessments for students on a voluntary or referral basis; provides short-term substance abuse counseling; makes referrals to higher levels of care, counseling and support services — both on- and off-campus — and provides support for any student concerned about someone else's use/abuse of substances.

The office also plans educational workshops and presentations for residence halls, clubs, Greek life and athletic teams and runs

support groups for students who are trying to make positive changes in their lives.

All services are confidential. We encourage all students to participate in our programs, activities, the Alcohol Task Force and Choices Peer Educators Program.

For more information, please call (203) 837-8899, visit wcsu.edu/CHOICES, or stop by Litchfield Hall, Room 101, Monday through Friday, 9 a.m. to 5 p.m.

ACADEMIC SERVICES & PROCEDURES

Academic Support Services

Academic Advisement

All undergraduate students who have been formally admitted to the university are responsible for seeking academic advisement and following a program of study to fulfill the requirements for a degree. Program sheets outline degree requirements for all academic majors and are available in the Admissions Office, the Academic Advisement Center, the office of the appropriate school dean, all academic departments and online at wcsu.edu/academics/programsheets.

Students who have not yet decided on an academic major will be advised in the Academic Advisement Center. Those who have declared a major will be advised within the major department. Students are responsible for arranging to meet with an adviser as soon as possible after admission, and for carrying out the decisions made to ensure their progress toward a degree. Advisers are responsible for communicating accurate and up-to-date academic information. Students and advisers must make a commitment to work together to make the advising process effective.

Academic Advisement Center

Advisers: Isabel Carvalho, Irene Duffy, Lisa Peck and Caitlin Pereira

Designed for students who have not yet decided on an academic major, the center provides up-to-date information on all academic programs. Advisers are available to help students select courses and determine a field of study. The center is located in Higgins Hall, Room 214, (203) 837-8397. For more information about services available through the Academic Advisement Center, visit www.wcsu.edu/aac.

Advisement in the Major

Students who have declared an academic major should make an appointment as soon as possible with a faculty adviser in the major department. Some departments pre-assign students to advisers. Whether or not they receive notice of an assignment, students should visit or telephone the department for an appointment. The locations and telephone numbers of all departments may be found in this catalog at the beginning of the section on each school.

Academic Advisement for Evening Students

Students who attend classes only in the evenings should contact the Registrar's Office for advisement. The office is located in Old Main 102, (203) 837-9200.

Pre-Professional Advisement

Specialized advising is available for students who wish to prepare for professional study at the graduate level (pre-medicine, pre-law, etc.). Please see the section of pre-professional options listed in this catalog.

International Services

International students or individuals with questions regarding international services should contact the international services coordinator in Warner Hall 321A. The Office of International Services assists students and their spouses and dependent(s) in obtaining and maintaining F-1 non-immigrant student status. The office also helps students navigate the processes of non-immigrant F1 laws and university procedures. In addition, the office coordinates an international student orientation program and supports other programming that allows students to learn more about U.S. culture.

For matters relating to international services, please call the International Services Office at (203) 837-3270.

Learning Centers (TLC) at Western

The Learning Centers at Western are three professionally staffed, independent labs based in the School of Arts and Sciences that provide academic services for students who want help in specific subjects or who want to improve their study skills. All three labs are equipped with IBM computers with Internet capability.

Located on the first floor of Berkshire Hall on the midtown campus, the labs are open Monday through Friday, with some weekend hours. Students may work one-to-one with staff members or student tutors in a friendly, supportive atmosphere. In the Tutoring Resource Center, students may choose to work on computers independently or form small study groups. Students are welcome to visit the labs on a drop-in basis or by appointment.

The Tutoring Resource Center (104 Berkshire Hall; 837-9245) is managed by the Department of Writing, Linguistics and Creative Process and provides the following services free of charge:

- Individual tutoring assistance to students in all academic disciplines taught at Western.
- Workshops and individual assistance in areas such as studying, time management, note-taking, reading, outlining, test-taking and research.
- Assistance with second-language skills.
- Links to all student services on campus via www.wcsu.edu/trc.

The Math Clinic (105 Berkshire Hall; 837-9244), managed by the Mathematics Department, provides tutoring on a walk-in basis for students taking math courses at Western. Tutoring is done in a friendly and non-threatening manner. Tutors help students with class material, the use of graphing calculators and mathematical software, homework assignments, and preparation for quizzes or exams. Computers with access to ALEKS, MyMathLab, Derive, Maple, ODE Architect, Geometer's Sketchpad, Minitab, and other mathematical software are available for student use. The clinic also houses many mathematics textbooks for student perusal.

Tutoring is provided on a first-come/first-served basis; appointments cannot be made.

The Writing Lab (106 Berkshire Hall; 837-8728), managed by the Department of Writing, Linguistics and Creative Process, is staffed by graduate assistants and undergraduate peer tutors who help students improve all aspects of their writing: development, style, organization, grammar, and mechanics. Any interested student should make an appointment to meet with a writing consultant at least two or three days before the assignment is due. The student should bring all relevant materials, including the professor's assignment sheet, notes on the assignment, and any outlines or drafts of the paper.

Library Services

Students at Western have access to two university libraries – the Ruth A. Haas Library on the Midtown campus and the Robert S. Young Library on Westside.

The Haas Library contains approximately 200,000 books and more than 415,000 bound periodicals, microforms, audiovisual items, other reference materials, and access to more than 10,000 periodicals online. Designated as a Federal Depository Library, Haas has more than 71,000 government documents. Its music collection includes books, scores, CDs, and LPs. Equipment and facilities include circulating laptop computers, portable CD players, 24 networked PC workstations, digital microform reader printers, viewing and listening rooms, private study rooms, and seminar rooms.

The Young Library, primarily serving the Ansell School of Business, holds a 6,000-volume core collection of business materials, a reference collection, approximately 200 journal subscriptions in hard copy or microform with hundreds more online, and access to a large number of electronic business, general, and law-related databases.

In addition to collections on campus, Western students have borrowing and electronic access to library holdings across the ConnSCU System and to the Connecticut State Library in Hartford.

Midtown, Campus Center and Westside Computer Centers

University Computing (UC) supports a diverse computing environment consisting of Windows servers, Windows desktops and laptops, PCs and compatibles, Unix, and Apple computers. Various computer facilities and technology classrooms exist on both of Western's campuses.

The computer centers, located in Room 117 of the Westside Classroom Building, on the third floor of the Westside Campus Center, and at Midtown on the first floor of the Haas Library, offer 28 to 66 desktop computers in each facility. Each facility also has at least one Apple Macintosh computer. These facilities support a variety of software packages for student convenience including: Microsoft Office, Visual Studio, Firefox and Internet Explorer, Visio and SharePoint Designer. These facilities also support specialized software on various machines per academic requirements and are equipped with both black and white and color laser printers in each facility. Each computer center is equipped with one or more group workstations and a graphic station which offers Adobe Creative Suite. A color scanner is connected to the graphics workstations.

The machines in the computer centers are connected to the university's network, which allows data and applications to be shared and provides access to the various file servers and UNIX systems throughout the campus. Full-time, part-time and graduate students with a valid WestConnect Card may use the computer facilities at Western. These facilities are staffed with student computer center assistants during operational hours, which are posted each semester, intersession and break. The computer center assistants' main responsibility is to monitor the facilities; however, they provide help whenever possible. Students who need extensive help should visit the Student Technology Training Center.

To learn more, visit www.wcsu.edu/technology and select "Classroom/Labs" under Western IT Essentials.

Student Technology Training Center

The Student Technology Training Center (STTC) is located on the Midtown campus in the Student Center, Room 225. This facility provides students with a comfortable environment in which to learn technology. The primary goal of the STTC is to improve student life outside the classroom by creating and maintaining an environment in which all students can empower themselves with a practical understanding of current technology. This facility provides tutorials, hardware and software, workshops and individualized attention. The STTC, funded by the student technology fee, is not designed to be a classroom or lab.

The roles and goals of the facility are:

- to be a valuable technological resource to all students, regardless of their level of knowledge of computers and technology;
- to provide an environment in which students feel comfortable exploring and learning a variety of new technologies;
- to provide the necessary technological and intellectual tools;
- to empower students with a better understanding of today's technology;
- to integrate student life with technology in an effort to better prepare students for today's and tomorrow's classroom environments; and
- to improve student morale outside the classroom, in an effort to increase retention at the university.

The staff of the STTC are dedicated to facilitating the technological empowerment of the university's student body. Students who visit the STTC can learn about Microsoft Office products, graphic design software packages, computer equipment and peripherals, the Internet and Web page design. The facility provides HP desktop computers with CD and DVD burning capabilities. Apple computers are equipped with scanners. All computers have the ability to print to both black and white and color laser printers. This facility also supports a variety of software packages for student convenience including: Microsoft Office; Visual Studio; Firefox, and Internet Explorer; Visio; SharePoint Designer; specialized software on various machines per academic requirements;

graphic design software including Adobe Creative Suite.

To learn more, visit www.wcsu.edu/sttc. If you have any questions or would like to make an appointment with a staff member, call (203) 837-8715.

Midtown and Westside 24-Hour Labs

There are three 24-hour labs, open seven days a week throughout the year. One lab is located in the Westside classroom building, Room 247c. The other labs are located on the Midtown campus in the Student Center, Room 214, and in the Science Building, Room 127. These facilities support both Windows and Macintosh desktops and are equipped with at least one black and white laser printer in each facility. To gain access to these labs, students must swipe their WestConnect Card through the facility's card reader. The 24-hour labs are not staffed but are monitored and maintained regularly. It is the responsibility of each student to use these facilities in accordance with CSU and Western's computer policies. These facilities have the same software as the staffed computer centers.

To learn more, visit www.wcsu.edu/technology and select "Classroom/Labs" under Western IT Essentials.

To report any problems, or if you have any questions, please call the University Computing Help Desk at (203) 837-8467.

Student Accounts/Resources

All Western students are eligible for the following accounts:

Western Windows Account – Students who wish to use any of the computer facilities at Western (computer centers, technology classrooms, 24-hour labs, etc.) or access the wireless network must obtain a Western Windows account. Registered students can receive a Windows account at any staffed computer center. Your WestConnect Card is required. To learn more about Windows accounts, visit www.wcsu.edu/technology and select "Western Windows Account" under Western IT Essentials.

File Share – University Computing provides students with network file storage where they may save their academic-related documents and data. Students automatically receive a file share when their Windows account is created or password is reset. When a file share is generated, faculty and other students do not have the ability to read, change or delete files in another person's file share. To learn more about file shares, visit www.wcsu.edu/technology and select "Fileshares" under Western IT Essentials.

WestConduit Account – WestConduit is Western's campus portal, which provides access to grades, course schedules, academic history and financial aid information and where a student can register for classes and make payments. To access this information in WestConduit, select the "Banner" (my info and more) tab.

On WestConduit, students can register for classes and make payments to the university. Additional features include access to Blackboard Vista, Western's online course management system, campus and personal announcements, the campus events calendar and convenient links to other university resources. Students also will find a convenient link to the Western email login page from within WestConduit.

To learn more about WestConduit, visit www.wcsu.edu/technology and select "WestConduit" under Western IT Essentials.

E-Learning at Western – Blackboard is a course-management system that enables efficient delivery of online education. Many faculty members use Blackboard to enhance their courses. Students may access their Blackboard courses through WestConduit (<http://westconduit.wcsu.edu>) by clicking on the "Academic Tools" tab and then the appropriate link in the "My Courses" channel. To learn more about Blackboard, visit www.wcsu.edu/technology and select "E-Learning (Blackboard)" under Western IT Essentials.

ConnectMail (Student E-mail) Account – The Connecticut State University System (Western, Eastern, Southern and Central) email policy states that university email will be considered an official means for communication. All students will be issued a university email for university business.

To access your email for the first time, visit connect.wcsu.edu. Your username will be "your-Western username@connect.wcsu.edu." Your temporary password will be the word Connect followed by your own student ID number (e.g. Connect501XXXXX).

To learn more about ConnectMail (Student E-mail), visit www.wcsu.edu/technology and select "Western E-mail" under Western IT Essentials.

ConnectPrint – All the staffed and 24-hour computer centers at Western use the new ConnectPrint system that makes printing easier and reduces printer waste and supplies. All students will use their WestConnect ID card to release print jobs in the computer centers.

For more information, please visit www.wcsu.edu/technology and select "ConnectPrint" under WestConn IT Essentials.

WestConn Mobile – Western has a new mobile website for quick on-the-go access to important information and services including news, announcements, email, weather, phone numbers and more. Point your mobile device to m.wcsu.edu. Western Mobile is accessible anytime, anywhere!

Help – If you need help using any of these resources, please visit a staffed computer center for help or visit the Student Technology Training Center for more individualized assistance.

Western is Wireless

Western is 100 percent wireless, including residence halls and wireless printing. To use the wireless network, your laptop or other mobile device must be equipped with a wireless network adapter. Western's Wireless Network uses an SSID of "WestConn" for easy connection. You will be prompted to log in (required) using your Western Windows Account credentials. To use the Western wireless network and wireless printing, you must have a Western Windows Account.

To learn more about the wireless network and wireless printing, please visit www.wcsu.edu/technology and click on "Wireless" under Western IT Essentials.

Computers in the Residence Halls (ResNet)

Any student who owns a computer with built-in ethernet or wireless capability can connect to ResNet, our residence hall network.

Once connected, students will be required to log in using their Windows Account credentials, install Cisco Clean Access, install a supported anti-virus program, and install Windows critical updates. Splitters and cables can be obtained at any of our staffed computer centers. For more information, please visit <http://wcsu.edu/resnet>.

Your Technology Fee at Work

Students can get free copies of Microsoft Office 2010 Professional Plus, Office 2011 for Mac, and Windows 7 Ultimate from our staffed computer centers. Students can also download McAfee Anti-Virus for both Mac and PC. For more information, visit www.wcsu.edu/technology and select “Current Students” under Western IT Essentials.

Technology Classrooms

We are proud to say that all Western classrooms are equipped with technology, offering ideal hands-on learning environment for both students and instructors. All classrooms feature basic standardized technology, including a projector, instructor workstation, VCR/DVD and laptop connection. Some also are multi-station classrooms offering student workstations and a printer.

For more information on Western’s technology classrooms, visit www.wcsu.edu/technology and select “Classrooms/Labs” under Western IT Essentials.

Information Technology Policies

Learn about Western’s information technology policies at www.wcsu.edu/technology/stu:

- Policies & Guidelines for Computer Use
- CSU Network Policy
- Electronic Monitoring Notice
- Computer Center Usage Rules & Policies
- CSUS Email Policy
- Wireless Policy
- Information Security Policy

As new policies become effective, they will be listed on this website.

MATRICULATION

Matriculated Student (Degree Seeking) – Someone who has been formally accepted by Western Connecticut State University to pursue a degree. Matriculated students may attend full-time or part-time.

Non-matriculated Student (Non-Degree Seeking) – Someone who has not been accepted by Western Connecticut State University to pursue a degree.

COURSE LOAD

Part-time / Full-time

A **part-time student** is an undergraduate student who is registered for up to 11.5 credits. Charges are assessed on a per credit basis.

NOTE: Part-time matriculated undergraduate students must register for at least one class each academic semester in order to maintain their enrollment status.

A **full-time student** is an undergraduate student who registers for at least 12 credits in a given semester. The normal course load for full-time student is 15 credits. Full-time students may take a maximum of *17.5 credits per semester.

NOTE: Any course load above the maximum requires approval of the school Dean. *Full-time students will be charged the per credit hour fee for every credit over 18 credits. The excess credit fee is non-refundable.

* Music majors and students in the University Scholars Program may carry up to 21 credits per semester.

Class Determination

A student’s class standing is determined by the number of credits the student has successfully completed.

First-year Student (Freshman)

1st Semester – fewer than 15 credits

2nd Semester – 15 to 29.5 credits

Second-year Student (Sophomore)

3rd Semester – 30 to 44.5 credits

4th Semester – 45 to 59.5 credits

Third-year Student (Junior)

5th Semester – 60 to 74.5 credits

6th Semester – 75 to 89.5 credits

Fourth-year Student (Senior)

7th Semester – 90 to 104.5 credits

8th Semester – 105 or more credits

Registration for Courses

Students enrolled at the university register for courses in advance of the fall and spring semesters, winter intersession, and summer sessions, on a schedule announced by the Registrar.

Students should seek the help of their faculty adviser when selecting courses. They must meet the prerequisites for courses or, when necessary, obtain specific permission from the instructor to enroll.

For details, go to www.wcsu.edu and click the Course Registration link in the right-hand directory. Or call the Registrar's Office at (203) 837-9200.

Proficiency Requirements for Mathematics & Writing

The Board of Regents of the Connecticut State University has adopted a policy requiring all students to demonstrate college-level proficiency in writing and mathematics within the first 24 credits of their work toward a degree.

Students whose placement scores place them into skills courses below the college level (ENG 098 and/or MAT 098) must meet the proficiency requirement by passing these courses within their first 24 credits at the university. They will have five opportunities to do so:

1. Summer session before their first academic year;
2. Fall semester;
3. Winter intersession;
4. Spring semester;
5. Summer session before their second academic year.

Students admitted for the spring semester may meet the requirement during:

1. Winter intersession;
2. Spring semester;
3. Summer session;
4. Fall semester;
5. Winter intersession before their second academic year.

Students who do not successfully complete the proficiency courses within the periods stated above will not be allowed to register for credit courses at a university within the CSU system until they pass these courses or the equivalents elsewhere.

Proficiency Requirement Appeals Procedure

For students who have not fulfilled their proficiency course requirement within the 24 credits permitted by the Board of Regents resolution of July 2003:

1. Students who enter the university beginning fall semester 2004 are subject to the resolution concerning proficiency courses (CSU Board of Regents, July 16, 2003).
2. Students will be notified of this requirement when they enter the university and they will receive regular reminders from their school dean until completion.
3. A student who needs to demonstrate proficiency but who fails to complete the requirement within his/her first 24 credits at the university will be notified by the school dean that no further registration for credit course will be permitted at any CSU institution until the required proficiency courses or their equivalents have been successfully completed elsewhere.
4. A student may appeal the suspension by responding in writing to the dean within two weeks of notification. This deadline may be extended only if the student is unable to respond because of hospitalization or other reason beyond his/her control.
 - a. To support the appeal, only reasons beyond the students' control can be considered, such as medical emergency, leave of absence, or family leave.
 - b. All reasons must be supported by evidence.
 - c. For further support, the student's record must show evidence of academic progress.
 - d. The dean will respond to the student in writing within two weeks of receiving the appeal.
 - e. An extension of time to meet the requirement may be granted at the dean's discretion after review of the evidence.
 - f. Extensions may not exceed one additional academic semester.

Adding Courses

To add courses, you must make your request before the fourth class session for courses which meet three times a week or before the third class session for courses which meet twice a week. Any requests later than the first week of classes will require the approval of the department chairperson. Added courses that result in an overload (more than 17.5 credits) also need the approval of the dean.

Note: The dean of the school reserves the right to make changes in personnel and to cancel, if necessary, any course offered (including Student Developed Study). The dean also reserves the right to limit class size and to refuse registration when limits have been reached.

Dropping Courses

You may drop a course during the first week the course is offered if it is a full-semester course. For courses held one to eight weeks you may drop the course prior to the second class meeting time. Dropped courses do not appear on your record. If

dropping a course results in a student's credit load falling below full-time status (12 credits), the student must withdraw from that course. The course will then appear on your academic record with a grade of "W." (See Withdrawal from a Course.)

Undergraduate Repeat Policy

Students are permitted to repeat most courses at Western, however, credit is granted only once toward graduation unless specifically noted in the course description (e.g., ENG 376). If a student repeats a course, each grade appears on the transcript and is used to calculate the GPA.

As an alternative, students may invoke the *Course Repeat Policy* if they have received a "C-" or lower grade. To invoke the policy, the Course Repeat Policy Request Form must be submitted to the Registrar's Office by the end of the sixth week of classes. It must be approved and signed by the Chairperson and Dean of the students' academic major. By invoking the policy, the lower final grade will be replaced by the higher final grade when calculating their GPA and/or major requirements. Although the lower grade received in the repeated course will not be calculated in the GPA, it will remain visible on the student's official University transcript.

Students are limited to invoking this policy for a maximum of 17 credits. Students may not invoke this policy a second time for the same course. This policy applies to undergraduate courses completed at WCSU only, and may be applied only to courses taken after Fall 2008.

Students should select the 17 credits to be repeated wisely in conjunction with their Academic Advisor or Dean. For example, if a C is the minimum grade required, but a student earned a C-, it does not make sense to invoke this policy. The student should instead just retake the class. On the other hand, if a student earns an F, retaking that class for a higher grade *could* have a significant effect on the GPA, depending on the total number of credits earned, the current GPA, and the likelihood of performing better a second time.

Repeating any course taken in a previous semester (regardless of whether the policy was invoked) may affect certain federal and state benefits, various financial aid programs, loans, scholarships, and social security benefits, in addition to athletic eligibility and veteran's benefits. Satisfactory Academic Progress (SAP) requirements must be met for continued financial aid eligibility. See the Office of Student Financial Services section of the catalog for the Satisfactory Academic Progress Policy.

Any course designated as X98 (Faculty Developed Study) or X99 (Student Independent Study) is excluded from this policy. Special Topics classes are also excluded. Departments may choose to exclude specific courses from this policy based on academic or resource issues. Students should ask their advisor if any other specific classes in their major are excluded. Education majors and post baccalaureate certification students should refer to the Education Department for information regarding the repeating of courses as this policy may affect eligibility for certification.

Taking a Course at Another Institution

If you are enrolled at Western, but wish to take courses at other accredited institutions, you may not receive credit unless you obtain prior approval from the department chair and dean of your school. The form for such approval is available in the dean's office. A minimum grade of "C" is required for transfer of credit unless a higher grade is needed for degree purposes.

A policy agreed to by both the Connecticut State University and Connecticut Community College systems requires that mathematics courses taken at a community college, on or after the fall 2001, must have had a prerequisite of intermediate algebra in order to be transferred to Western and meet general education requirements.

Auditing a Course

Students may audit any course with permission of the instructor. Auditors are subject to those conditions established by the instructor. You must obtain approval to audit within the first four weeks for full semester courses or within the first two weeks for courses scheduled less than a full semester. Audited courses carry no credit. Audit forms, obtained at the Registrar's Office, must be signed and completed within the time period stated for the audit grade to be assigned.

Withdrawal from Courses

You may withdraw from a full-semester course, without penalty, until the end of the 10th week of the semester. Withdrawals are recorded on your transcript with a grade of "W." There is no academic penalty attached to this grade. Withdrawals after the 10th week of a course normally result in an automatic penalty grade of "WF." Withdrawals through the 10th week must be initiated by you in the Registrar's Office. If you wish to initiate a later request for withdrawal from a course without penalty, you must do so through a conference with your instructor. Withdrawal without penalty refers only to academic penalty (i.e., failure).

Withdrawal may affect your attainment of satisfactory progress as defined by financial aid, housing, athletic eligibility and other policies. Withdrawal deadlines for other than full-semester courses are posted at the Registrar's Office.

Withdrawal or Leave of Absence from Western

Full-time and part-time matriculated students who may find it necessary to withdraw from the university should follow the formal withdrawal procedure by completing a withdrawal form with the Registrar's Office. Students who plan to withdraw for a period of no more than one year (i.e., two academic semesters) may apply for a leave of absence. This special type of student withdrawal is requested by the same procedure as above.

Grades, Honors & Good Standing

Attendance Policy

Your instructor will establish individual attendance requirements for courses when the department has not established a binding policy for all members. Regardless of attendance requirements, accurate attendance records must be kept.

Minimum Student Preparation Hours

The university expects all students to devote a minimum of two hours of preparation for each hour of class time.

Grading System

The following grades and associated numerical values are used on academic records:

A	4.0	C	2.0
A-	3.67	C-	1.67
B+	3.33	D+	1.33
B	3.0	D	1.0
B-	2.67	D-	.67
C+	2.33	F	0.00

P Pass on Pass/Fail Option

FP Fail on Pass/Fail Option

AUD Audit

INC Incomplete

W Officially Withdrawn

WF Withdrawn Failing. This grade has academic penalty equivalent to an "F" and is received if you stop attending class without officially withdrawing, or if you withdraw after the official withdrawal date without permission of your instructor.

WFP Withdrawn Failing from a Pass/Fail Course

RM These grades are given in specified courses to permit you to improve competence without academic penalty. Required or courses in which a student receives an RP must be repeated. The RM grade requires a student to work with the instructor

RP to correct specified weaknesses until a level of competence of "C" or better has been attained.

Courses in which the RM or RP grade is allowed to be given:

CHE 100, MAT 098/100

COM 160/161/162, PHY 110/111

WRT 098, FR 162/164

WRT 099, GER 162/164

WRT 101, IT 162/164

SPA 162/164

Quality Points (Grade Point Average)

In order to determine a student's grade-point average (GPA), letter grades are assigned numerical values. The numerical weight given each grade is then multiplied by the number of credits (semester hours) assigned to each course. For example, a grade of "B" in a three-credit course would merit nine ($3.0 \times 3 = 9.0$) quality points.

Your GPA is determined by dividing the total number of quality points by the number of credits attempted. Grades of INC, P, FP, WFP, W, AUD, RP and RM carry no quality points, and the credits for courses with those grades are not considered in the total credits attempted; therefore, they have no effect on your GPA.

Courses that are transferred to Western from another institution are not included in the determination of your GPA.

If you fail a course and then repeat it, both grades will appear on your permanent record and both the "F" and the second grade will be used in determining your cumulative GPA.

Grade Reports

You can access your grades by logging onto WestConnduit.wcsu.edu. If necessary, grades can be mailed if a request is made at the Registrar's Office.

Transcript Policy

A transcript is the complete, unabridged academic record, without deletions or omissions, compiled while a student attends Western Connecticut State University. Upon the granting of a degree or completion of a program, a student's transcript is considered officially sealed, meaning no changes in grades or alteration in courses will be made unless that student believes that the information in his or her transcript is inaccurate, misleading, or in violation of his or her rights of privacy. It is a student's responsibility to review and confirm the accuracy of his or her academic record. A student may view his or her transcript online at any time to verify its content. It is recommended that degree recipients confirm the accuracy of all grades, honors, terms, and cumulative GPA notations at the time final grades are posted to their academic record upon graduation.

It is a student's responsibility to notify the Office of the Registrar, in writing, of the information in the transcript that he or she believes is inaccurate, misleading, or in violation of his or her rights of privacy. A student who believes that his or her transcript is inaccurate, misleading, or in violation of his or her rights of privacy has the right to request an amendment to the transcript and, if this request is denied, the right to an opportunity for a hearing to challenge the content of the transcript on the ground that it is inaccurate, misleading, or in violation of his or her rights of privacy. If, as a result of the hearing, the student's request is denied, the university shall inform the student of the right to place a statement with the transcript, commenting on the contested information in the record or stating why he or she disagrees with the decision of the university, or both.

The university prepares and issues two categories of official transcripts: An official transcript presents a listing of courses for which the student enrolled and the grade for each course with the original signature of an authorized official, and bears the legal seal of the university. An official transcript is sent directly from the university to another institution or agency and is not given directly to you. An official transcript also may be issued to the student. All current and former students may request a transcript

for their personal use. This transcript is stamped "ISSUED TO STUDENT."

Note: Transcripts will not be issued if you have any outstanding fees (e.g. parking tickets, library late fees).

Honors

DEAN'S LIST

Full-time Undergraduate Students

Eligibility for Dean's List each semester requires satisfactory completion of a minimum of 12 graded semester hour credits with a 3.5 semester average, with no "incompletes" for the semester at the time grades were processed. Also eligible are full-time students whose minimum of 12 credits includes course work required in their programs of study that must be taken with a pass/fail option, excluding credits that do not count toward graduation, and whose semester and cumulative average is 3.5.

Part-time Undergraduate Students

Part-time undergraduate students may be eligible for Dean's List with a minimum of 12 graded semester hours satisfactorily completed within one academic year (fall and spring semesters) and with a grade point average for the year of 3.5.

The only exception is for students whose minimum of 12 credits includes course work (a) that is required in a program of study, taken on a pass/fail basis, and (b) that does not count toward graduation. These students may be eligible for spring semester Dean's List if both the academic year average and the cumulative GPA are at least 3.5, with no "incompletes" listed on their record at the time grades are processed.

Graduation Honors

To be eligible for graduation honors, you must earn a minimum of 45 semester hours of quality point-bearing credit at Western. No pass/fail credits or transfer credits are included in this minimum. Graduation honors standards are based on your cumulative grade point average and are awarded as follows:

Summa Cum Laude	3.9 to 4.0
Magna Cum Laude	3.7 to 3.89
Cum Laude	3.5 to 3.69

January graduates and May candidates for graduation honor are identified at the conclusion of the January intersession semester preceding graduation. Students who have earned a minimum of 45 credits toward their graduation requirements in residence at Western Connecticut State University with a cumulative earned GPA of at least 3.5 are considered to be Graduation Honors candidates eligible for recognition at the May Commencement. Candidacy for May Graduation Honors does not guarantee the award of Graduation Honors upon completion of degree requirements.

Graduation honors, which appear on the transcript and on an honors certificate, will be awarded only to students who complete their graduation requirements with a minimum of 45 credits in residence at Western Connecticut State University and who have a cumulative earned grade point average of at least 3.5. The residency requirement for honors may not be waived. Students with questions regarding academic honors should consult the Academic Dean of their major.

Good Standing

In order to remain in good academic standing and be granted a diploma from the university, you must maintain a cumulative average of at least 2.0 ("C"). Professional curricula and some major programs have additional or higher academic standards which the student must meet at specific intervals.

Academic Warnings

Log on to WestConnduit.wcsu.edu to access your mid-semester grades. If you receive a midsemester grade of "D," "F," or "INC," consider this report a warning that you may be placed on academic probation. Any grade of "D" or "F" during the semester also constitutes an academic warning and may result in academic probation.

Academic Probation

Academic probation letters from the dean are sent at the end of the semester to each first semester freshman with a grade point average below 1.7 and to all other students with averages below 2.0. If placed on probation, you must meet with your academic adviser to review your program requirements, course selections, credit loads and other pertinent information.

The probationary period will commence the semester following the one for which the letter of probation was issued. The dean will review the student's activities during the period of probation.

Probation is for one semester. If you do not achieve an acceptable average by the end of the semester you are on probation, you may be suspended for academic deficiency.

Students on probation should consider a semester course load of 12 credit hours and limit their participation in extra-curricular activities. Appeals to these policies should be made to the appropriate dean who, for extenuating circumstances only, may waive the policy.

Note: Individual schools or programs may have standards for probation and dismissal from the school or program which are higher than the university's standards. A student can be on probation or be dismissed from a school or program and still be in good standing at the university.

Academic Suspension

A student suspended for academic reasons is no longer a degree candidate. A suspended student may, however, enroll in up to

seven credits per semester in evening classes as a non-matriculant. Students may reapply for admission when their cumulative grade point average reaches the minimum university, department or school admission criterion. Eligibility for readmission does not automatically lead to readmission to Western but only to consideration for readmission by the director of University Admissions.

Credits earned at other institutions are not used to raise a student's cumulative grade point average. Students who, for academic reasons, are suspended a second time will be dismissed and are not eligible for readmission except under the Fresh Start Policy.

Examinations

Placement Examinations

Placement tests are given in specified subject areas to ensure that students are assigned to courses appropriate to their levels of knowledge and skill. Subject areas which require testing for placement include chemistry, foreign languages, mathematics, and writing. Tests are administered by the admissions office or the academic department as noted in this catalog.

Final Examinations

No class meetings will be held during the final examination period at the end of the fall and spring semesters. Examination schedules are published online in advance at www.wcsu.edu. No student may be absent from a final examination except for a compelling, substantiated reason.

Make-up Examinations

Make-up examinations are given at the discretion of the instructor, but no later than six weeks after the start of the next semester in which the student is in attendance or within one year if the student is no longer enrolled at the university.

Examinations for Students with Disabilities

Students with disabilities who require special administration of an examination should contact the coordinator of AccessAbility Services at (203) 837-8946 in Higgins Annex 017 to discuss reasonable accommodations.

Incompletes

To receive an incomplete ("INC") grade in a class, you must request that grade in writing on a form available either at the Registrar's Office or from department secretaries, and then give that form to your instructor.

The grade of "INC" will become an "F" if it is not removed by the sixth week of the next semester you attend, or after one year if you do not return. An "INC" grade is not removed by repeating the course.

Pass/Fail Option

You may take free elective courses on a pass/fail basis with the approval of the school dean of your major. The purpose of this option is to encourage students to take courses in areas they would like to investigate in addition to those in which they are majoring or concentrating. A maximum of four free elective courses may be converted to pass/fail grading, provided that:

1. You obtain approval within the first four weeks for full semester courses or the first two weeks for courses scheduled less than a full semester; and
2. You change no more than one course per semester to pass/fail credit; and
3. You do not use the course to satisfy a general education requirement, a requirement for a major or minor program, or the foreign language requirement.

Credits taken on a pass/fail basis do not generate quality points and are not included with credits attempted on the standard basis in computing the academic average. Successfully completed pass/fail credits are included in the credits necessary for graduation unless the description of the particular course indicates otherwise. Information regarding changes of grade or pass/fail options can be obtained from the Registrar's Office.

Grade Appeal Policy

When disagreements occur between student and instructor on the accuracy of a grade, the university regards it as important for the matter to be settled within a reasonable period of time. A specific procedure is in place that ensures students will get an impartial hearing of such a complaint.

Academic grading reflects careful and deliberate judgment by the course instructor. Academic evaluation of student performance requires expert consideration of cumulative information and is to some extent subjective.

The university recognizes that in rare instances there may be "palpable injustice(s)" in the determination of a final grade. Students may use the appeal process when they believe there is evidence to show that 1) a final grade was determined by methods and criteria different from those used for determining final grades for others in the same class or 2) the evaluation was made as the result of bias or caprice.

Refer to: Western Connecticut State University, Student Handbook 2012-13, p. 62

Student confers with instructor:

The student shall first confer with the instructor who awarded the grade no later than the end of the fourth week of the next regular semester. In the case of half-semester courses, students shall have the right to begin the appeal process at the conclusion

of the course.

Written grievance to professor:

If no amicable settlement is reached, the student shall present the instructor with a WRITTEN copy of his/her grievance along with any supporting documentation which shall be considered confidential. The instructor shall respond in writing to the student within five working days. (It is suggested that students prepare a packet of information for the instructor, the chair and the dean).

Ability to choose a mentor/adviser:

Students, if they wish, shall have the right to choose a mentor/adviser for the purpose of guiding them through the appeal process. Students shall have the right to present their case at each stage of the appeal process. At the student's request, the mentor/adviser may accompany the student to meetings related to the appeal process as an observer.

Written grievance to department chair:

If not satisfied, the student, within five working days of receipt of the instructor's response, may present the case in writing to the appropriate department chair who may effect a mutually agreed-upon settlement with the instructor. The department chair shall respond in writing to the student within five working days with a copy sent to the instructor.

Written grievance to academic dean:

If the student is not satisfied, the student may, within five working days of receipt of the department chair's response, present the case in writing to the appropriate academic dean who may effect a mutually agreed-upon settlement with the instructor and department chairperson. The academic dean shall respond in writing to the student within 10 working days, with copies of the decision sent to the instructor and the department chair.

Written grievance submitted to university senate president by dean (for ad hoc committee):

If the student is not satisfied, the student may ask, within five working days of receiving the dean's decision, that the dean contact the president of the University Senate to convene the Ad Hoc Committee on Grade Appeals. The dean shall forward the request to the senate president within five working days of receipt. The dean shall also notify the provost/academic vice president, in writing, that the senate is being asked to convene an ad hoc committee.

The Ad Hoc Committee on Grade Appeals shall be composed of three members of the instructional faculty in the ranks of tenured professors or tenured associate professors serving on the senate, selected in alphabetical order each time the committee is appointed.

The senate president shall appoint the ad hoc committee within five working days and shall notify the student and the instructor of that fact. The senate president shall not discuss the details of the case with the ad hoc committee. The ad hoc committee will convene within five working days. It is the responsibility of the student to present three copies of all material, including any additional material submitted later in the process and relevant to the case to the chair of the ad hoc committee.

Professor submits materials as requested by ad hoc committee:

The instructors shall submit such materials as requested by the committee and shall have the right to present their case at any stage of the appeal process. The committee shall consider the case and reach a decision within 15 working days of its convening by the senate president.

Committee decisions and next steps:

Denial:

Following its deliberations, the committee may deny the appeal, in which case the matter shall be closed.

If palpable injustice is found:

If the committee finds that the grading constituted a palpable injustice, as defined above, the case shall be remanded to the instructor for reconsideration. If the instructor disagrees with the finding of the committee, the instructor shall inform the committee and the student within five working days of that fact.

Student requests committee to recommend to provost:

If the student disagrees with the grade change as effected or with the refusal by the instructor following the remand, the student shall request within five working days that the committee make a recommendation to the provost/vice president for academic affairs.

If either the student or the instructor has disagreed, the committee shall then forward its recommendation for a grade to the provost/vice president for academic affairs, who will implement the recommendation of the committee within five working days.

Action of the provost is final and binding upon all parties:

The action of the provost/vice president for academic affairs shall be final and binding upon all parties and shall be communicated by the provost/vice president for academic affairs to the student and the instructor.

ACADEMIC HONESTY POLICY

1. PURPOSE

This is Western Connecticut State University's policy on Academic Honesty.

2. POLICY

2.1 Principles

2.1.1 Academic Honesty Code

A student has an obligation to demonstrate honesty in carrying out his/her academic assignments.

2.1.2 Faculty Responsibility

Faculty members are responsible for knowing the principles and procedures of the Academic Honesty Policy, and for enforcing the policy when academic honesty violations occur. Faculty members must also remind students of the Academic Honesty Policy and help them comply with it.

2.1.3 Student Responsibility

Students are responsible for maintaining the academic integrity of the university by following the Academic Honesty Policy. Students are responsible for doing their own work and avoiding all forms of academic dishonesty.

2.2 Academic Honesty Violation

The most common academic honesty violations are cheating and plagiarism. Cheating and plagiarism are complex issues, therefore we offer the following definitions.

Cheating includes, but is not limited to:

- Submitting material that is not one's own.
- Using information or devices that are not allowed by the faculty member.
- Obtaining and/or using unauthorized material.
- Fabricating information.
- Violating procedures prescribed to protect the integrity of a test, or other evaluation exercise.
- Collaborating with others on assignments without the faculty member's consent (not be confused with tutoring in the university learning centers).
- Cooperating with or helping another student to cheat.
- Having another person take an examination in the student's place.
- Altering exam answers and requesting that the exam be regraded.
- Communicating with any person during an exam, other than the faculty member or exam proctor.

Plagiarism includes, but is not limited to:

- Directly quoting others without using quotation marks or indented format to identify them.
- Using sources of information (published or unpublished) without identifying them. This can be one's own past work.
- Paraphrasing materials or ideas of others without identifying the sources.

2.3 Resolution of Academic Honesty Violations

A student involved in an academic honesty proceeding may continue to attend all classes until the matter is resolved.

2.3.1 Action Initiated by the Faculty Member

If a faculty member believes a student has committed an academic honesty violation, the faculty member should complete the Academic Honesty Report (Appendix A).

The faculty member will request a meeting with the student within five university calendar days (excluding Saturdays, Sundays, and holidays) to attempt to resolve the incident. As a result of this meeting, if the faculty member determines a violation has occurred, he or she should give the student a copy of two things: (a) this policy statement, and (b) the completed Academic Honesty Report (Appendix A).

The faculty member retains a copy of the Academic Honesty Report of this incident, and forwards a copy of the Academic Honesty Report to the faculty member's department chair, school dean, associate vice president for academic affairs (if violation occurs in a graduate course), and dean of students. The faculty member may assign a penalty; see section 2.5 below.

If the faculty member is unable to contact the student, or if the student fails to meet with the faculty member, the faculty member may assign the penalty. If a penalty is assigned, the faculty member will send the student a copy of this policy statement and a completed Academic Honesty Report (Appendix A).

The faculty member will send these documents by registered mail to the student's current mailing address on file with the university, and provide a copy to the faculty member's department chair, school dean, associate vice president for academic affairs (if violation occurs in a graduate course), and dean of students. The final grade for the course will not be recorded in the Registrar's Office until all of the student's rights to appeal have been exhausted.

2.3.2 Appeal Procedures

If the student does not admit responsibility for the incident or does not accept the penalty proposed by the faculty member, the student may appeal first to the faculty member's department chair, then to the dean of the faculty member's school, and then to the Senate Ad Hoc Committee on Grade Appeals. If the student does not appeal, the decision of the faculty member stands and a copy of the Academic Honesty Report will be forwarded by the faculty member's department chair, school dean, associate vice president for academic affairs (if violation occurs in a graduate course), and dean of students, where it will be filed for future reference.

2.3.2.1 Department Hearing

Within five university calendar days of the department chair's notification to the student that a penalty has been assigned (within an academic long semester, excluding Saturdays, Sundays and holidays), the student or the faculty member may submit a written appeal to the dean of the faculty member's school. This meeting should take place within five university calendar days of the student's request.

As a result of this meeting, the department chair will complete an Academic Honesty Report (Appendix A) and with the consent of the faculty member, affirm, deny, or modify the original penalty assigned by the faculty member. Within five university calendar days of the meeting, the department chair will forward copies of the completed Academic Honesty Report to the student,

the faculty member, and the school dean, the associate vice president for academic affairs (if violation occurs in a graduate course), and the dean of students. Copies of the report will be sent by registered mail (with return receipt) to his/her current mailing address on file with the university.

Within 10 university calendar days of the department chair's decision, the student or the faculty member may appeal the department chair's decision to the dean of the faculty member's school. If the decision is not appealed, the department chair will send a copy of the Academic Honesty Report to the faculty member's school dean, the associate vice president for academic affairs (if violation occurs in a graduate course), and to the Office of the Dean of Students, where it will be filed for future reference.

2.3.2.2 Dean's Review

Within five university calendar days of the department chair's notification to the student that a penalty has been assigned (within an academic long semester, excluding Saturdays, Sundays and holidays), the student or the faculty member may submit a written appeal to the dean of the faculty member's school. This written appeal should ask the dean to review the department chair's decision and explain why the student or faculty member believes that the department chair's decision was wrong.

Within 10 university calendar days from the time the written appeal is received in the dean's office, the dean will determine if the department chair's action should be upheld or overturned and will communicate his/her decision in writing to the student by registered mail, and inform the faculty member, the department chair, the graduate dean (if applicable), and the dean of students.

Within 10 university calendar days of the dean's decision, the student or the faculty member may appeal the dean's decision to the Senate Ad Hoc Committee on Grade Appeals. If the decision is not appealed, the dean will send a copy of the Academic Honesty Report along with the results of the dean's review of the report to the student, the faculty member, the associate vice president for academic affairs (if violation occurs in a graduate course), and the office of the dean of students, where it will be filed for future reference.

Students may still be subject to further disciplinary action by the university through the student code of conduct, administered by the dean of students (or his/her designee).

2.3.2.3 Senate Ad Hoc Committee on Grade Appeals

If the student or faculty member is not satisfied, he/she may ask, within five university calendar days (excluding Saturdays, Sundays and holidays) of receiving the school dean's decision, that the school dean contact the president of the university senate to convene the Ad Hoc Committee on Grade Appeals. The school dean shall forward the request (along with all relevant materials) to the senate president within five university calendar days (excluding Saturdays, Sundays and holidays) of receipt. The dean also shall notify the Provost/Vice President for Academic Affairs, in writing, that the senate is being asked to convene an ad hoc committee.

The Ad Hoc Committee on Grade Appeals shall be composed of three members of the instructional faculty in the ranks of tenured professors or tenured associate professors presently serving on the senate, selected in alphabetical order each time the committee is appointed.

The senate president shall appoint the ad hoc committee within five university calendar days and shall notify the student and the faculty member of that fact. The senate president shall not discuss the details of the case with the ad hoc committee. The ad hoc committee will convene within five university calendar days (excluding Saturdays, Sundays and holidays).

The committee shall consider the case and reach a decision within 15 university calendar days (excluding Saturdays, Sundays and holidays) of its convening by the senate president. Following its deliberations, the committee may deny, affirm or modify the appeal. The committee shall then forward its recommendation to the Provost/Vice President for Academic Affairs, who will implement the recommendation of the committee within five university calendar days (excluding Saturdays, Sundays and holidays).

The action of the Provost/Vice President for Academic Affairs shall be final and binding upon all parties, and shall be communicated by the Provost/Vice President for Academic Affairs to the student and the faculty member (with copies to the department chair, school dean, associate vice president for academic affairs, if violation occurs in a graduate course, and dean of students).

2.4 Maintenance of Academic Honesty Reports

The Office of the Dean of Students will maintain a copy of each Academic Honesty Report filed on a student until that student's graduation or permanent suspension of studies. Students will be assumed to have permanently suspended their studies at WCSU if they go five years without enrolling for any coursework. Faculty members or administrators investigating allegations of academic honesty violations may request that the Office of the Dean of Students release them any previous reports that have been filed on the student against whom the current allegations are being made.

2.5 Penalties

The penalty for an academic honesty violation on a significant course requirement such as a final copy of a term paper/project or final examination shall be an "F" for the course. The penalty for academic honesty violations in other coursework will be left to the discretion of the faculty member and may be modified upon appeal. When an academic honesty violation includes flagrant behavior, such as having a substitute take an exam or stealing an exam, the faculty member also shall refer the matter to the Office of the Dean of Students for disciplinary action pursuant to the CSU Student Code of Conduct. The Office of the Dean of Students also may initiate disciplinary action against a student with repeated academic honesty violations.

3. REVIEW AND RESPONSIBILITIES

- 1-Provost/Vice President for Academic Affairs and Vice President for Student Affairs
- 2-University Senate
- 3-President

Review: Every three years (and as needed)

President

Policy History

Issue #1: 2006

Issue #2:

Senate Approved as Revised: R-06-05-02

Administrative Approval: 9/6/06

The Academic Honesty Policy may be downloaded at
www.wcsu.edu/facultystaff/handbook/forms/honesty-policy.pdf

ACADEMIC PROGRAMS & DEGREES

A Western Education

A Western Connecticut State University education gives students a strong liberal arts foundation, depth of knowledge in a chosen field, effective intellectual, interpersonal and technological skills, and the ability to learn and continue learning. Degree programs are designed to meet these primary objectives of the university mission. Western strives to give its graduates the knowledge, skills and experience needed to reach their personal and professional goals.

Bachelor's degree programs at the university begin with general education, in which students learn ways of knowing the world through the arts and humanities; the social and behavioral sciences; the natural sciences, mathematics, and computer science; and health and exercise sciences. The development of foundation skills in writing and computation, essential for work at an advanced level, is ensured as part of general education.

Students take a second significant step by choosing a major, a program in a particular field of study leading to a degree. Some students also decide to complete a minor, a lesser concentration, and most include elective courses as their program allows. This catalog shows the many choices available, including innovative majors, learning through experience, and the opportunity to design your own program leading to a degree. At every stage Western faculty serve as guides and advisers.

As stated in the mission, the high quality of a Western education means that the university serves Connecticut as "an accessible, responsible, and creative resource." Western graduates have gone on to distinguished public service, as well as distinction in many fields of business and profession. The university welcomes students from many backgrounds and is committed to their success.

Degree Requirements for Undergraduates

Western Connecticut State University awards the degrees of bachelor of arts, bachelor of science, bachelor of business administration, bachelor of music, and associate in science to students who have successfully completed the prescribed courses of study. Students are required to attain a minimum cumulative grade point average of 2.0 (a "C" average) for graduation in most degree programs. However, some degree programs require a higher grade point average for graduation (see program sheet).

The university's requirements for graduation as stated in the undergraduate catalog at the time you are matriculated (admitted to a degree program) will be honored at the time you graduate. If you change your major, graduation requirements will be those listed in the catalog at the time of the approved change.

If your matriculation is interrupted (if you withdraw from the university and are readmitted), the requirements for graduation will be those stated in the catalog at the time of your readmission.

Awarding of Credit

Credit Hour: A semester hour of credit is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks;
2. or the equivalent amount of work over a different amount of time;
3. or at least an equivalent amount of work as required in paragraph 1 of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work and other engaged academic time leading toward the award of credit hours.

To be awarded a degree from Western Connecticut State University:

1. You must earn a minimum of 30 semester hours in courses at Western;
2. You must earn at least half of the credits in your major at Western;
3. Sixty is the maximum number of credits you can earn through examination that may be applied to a bachelor's degree; 30 is the maximum number of credits you can earn through examination that may be applied to an associate degree.

You can earn credits towards an undergraduate degree at Western in these ways:

1. Take courses at Western and pass them with acceptable grades;
2. Transfer credits from approved academic institutions or as recognized by credit-recommending agencies (ACE, etc.);
3. Earn credit by examination including CLEP, ACT/PEP, NLN, advanced placement, department examinations;
4. Earn USAFI and DANTES credits;
5. Have a portfolio review of non-traditional educational experiences done by Charter Oak State College, 66 Cedar St., Newington, CT 06111-2646; call (860) 666-4595.

Matriculation

Matriculated Student (Degree Seeking) – Someone who has been formally accepted by Western Connecticut State University to pursue a degree. Matriculated students may attend full-time or part-time.

Non-matriculated Student (Non-Degree Seeking) – Someone who has not been accepted by Western Connecticut State University to pursue a degree.

Curriculum Waiver

Waivers may be granted for curriculum requirements. All waivers (except those for the exercise science requirement which is based on physical disability or veteran status) require replacement with approved courses to match the total number of semester hours waived.

Foreign Language Requirement

All students enrolled in B.A. programs and secondary education majors must fulfill the foreign language requirement in one of the following ways:

1. Complete three years of one foreign language in high school with an overall “C” average.
2. Study a total of four years of two foreign languages in high school with an overall “B” average.
3. Successfully complete a foreign language proficiency examination, or provide the necessary documentation outlined in the language waiver policy in this catalog.
4. Successfully complete a language immersion experience of one semester abroad. Consult the Department of World Languages and Literature or Western’s International Center.
5. Successfully complete the specified language courses at WCSU. Students may fulfill the foreign language requirement by successfully completing an Introductory II second-semester course in languages offered in the Department of World Languages and Literature, or any one semester of a language course at the intermediate level or above that is taught in the target language, not in English.

Foreign Language Requirement Waiver

For students whose native language is other than English:

1. Western does not require you to take a foreign language if you hold a bona fide high school diploma from another country whose language of instruction is other than English. However, you must have your high school diploma translated and certified by the consulate or cultural attaché of the U.S. in the country where you earned your diploma.
2. If you claim to possess knowledge of a foreign language, you will be tested. Please call the Department of World Languages and Literatures to arrange a time for the test.
3. If you do not meet the first condition (#1 above) or the second (#2 above, i.e., do not do sufficiently well on such a test), you will be expected to satisfy the requirement by doing some course work in one of the languages taught at Western

Health Promotion & Exercise Sciences Requirement/Waiver

All students for bachelor and associate degree programs must take two semester hours of exercise science lecture and activity courses or HPX 177, Fitness For Life, unless the requirement is waived for medical reasons or by veteran’s exemption. Up to one semester hour of credit earned for varsity athletic participation may be used in meeting the activity portion of this requirement.

Earning a Second Bachelor’s Degree

If you have earned one bachelor’s degree from Western Connecticut State University, you may be eligible to pursue a second bachelor’s degree at Western. The second major must be different from the first, although the degree may be the same, e.g., B.A. in psychology and B.A. in English.

After you have earned the first degree, you must apply to the Admissions Office for acceptance as a candidate for the new degree program. (Acceptance will depend on program requirements).

You must complete a minimum of 30 unduplicated semester-hour credits (classroom credits, excluding CLEP and other alternates) including all requirements specific to the new degree, such as a foreign language requirement.

General Education

The general education requirements at Western Connecticut State University are designed to expose students to the broad spectrum of human knowledge in the areas of writing and communication skills, humanities, social and behavioral sciences, natural and computational sciences, and health promotion and exercise sciences. Students matriculated for all degrees are required to complete courses in these five broad areas.

You are advised to complete required courses in writing and communication skills as soon as possible, since these areas significantly improve your ability to handle further course work; other general education requirements may be fulfilled throughout the undergraduate program.

Course numbering is designed to guide students to the appropriate level:

100 — Introductory college courses. Open to freshmen.

- 200 — Courses which have specific prerequisites or require particular class standing in a given major.
- 300 — Advanced courses in major fields. Generally open only to junior or senior majors.
- 400 — Advanced courses in major fields. Generally open to senior undergraduates. Also acceptable, with approval, for graduate credit.
- 500 — Courses designed for master's degree candidates. Open to seniors by special permission.
- 600 — Courses designed for sixth-year certificate candidates. Open to master's degree candidates by special permission.

Variations

Many departments prescribe some specific general education courses in addition to required major courses. Students selecting courses to fulfill general education requirements in a program should carefully read the requirements of their chosen major (in the department section of this catalog and the official program sheet for the major) to determine which general education courses must be taken. Students should consult their adviser regularly.

You are advised to keep a record (preferably using a department's official program sheet) of general education requirements completed. Overall requirements are as follows:

1. Writing and Communication Skills (6 Semester Hours)

Courses to be selected must include:

- At least one writing-intensive course
- One course in communication skills

Writing Intensive Courses (3 Semester Hours)

A number of courses fulfill the general education intensive writing requirement. These courses are marked in the semester brochure with a "W." All these courses have as their minimum prerequisite WRT 101 or equivalent or appropriate placement. Criteria for a course carrying the "WRT" or writing intensive label:

1. The course involves research which includes the gathering and written analysis of information, data, perceptions, evidence, background, observations or arguments as are appropriate to the subject or genre of the course.
2. The course involves the student in a writing process which may take the form of exercises, discussions, logs, reactions to readings, role playing, personal reflection, group work, critical thinking, multiple drafts, freewriting or other activities that integrate the research with the author's objectives and evolve toward clear and effective writing for a purpose and an audience. As it unfolds, the writing process of the course exposes students to some of the essential issues that writers face – for example, organization, tone, voice, accuracy of expression, dramatic effort, authenticity and level of diction.
3. In a writing-intensive course students produce at least one substantial piece of polished or finished writing, work that has gone through a full cycle of writing process from initial idea to final polish and presentation.
4. Students in a writing-intensive course will be required to generate documentation displaying, as an average, at least one "page" of student writing for every 50 minutes of class time. This documentation may take several forms; for example, a comprehensive portfolio may include research notes, responses to assignments and readings, freewritings, logs, drafts, web text or any number of other types of writing appropriate to the subject or writing genre of the course.

Communication Skills (3 Semester Hours)

One course from the list following:

COM 160 Public Speaking (formerly Speech Fundamentals)

COM 161 Decision Making in Groups

COM 162 Interpersonal Communication

COM 163 Living in Communication

2. Humanities (15 Semester Hours)

Courses to be selected must include at least three of the following fields:

- Communication
- Fine and Applied Arts (only one studio Fine Arts may be used)
- World Language and Literature
- Humanistic Studies
- Literature
- Philosophy
- History

Communication

The following courses fulfill this requirement:

COM/ANT 208, COM 110, 163, 190, 200, 203, 205, 210, COM/WS 211, COM 212, 215, 219, 232, 235, 242, 243, 260W, 263, 264, 266, 267, 268, 270, 271, 272, COM/PS 273, COM 290, 310, 335, 336, 362, 371, COM/PS 441, SPA 110W, 111W, 203, WRT 102W, 132W, 171W, 172W, 210W, 273W, 274W.

Fine and Applied Arts

The following courses are Fine Arts *non-studio* courses, which fulfill this requirement:

ART 100, 101, 145, **COM/THR** 125, **COM** 230, **MUS** 100, 101, 103, 105, 106, **THR** 163, 180, 181, 201, 260, 279

The following are Fine Arts *studio* courses, only one of which may be used to fulfill this requirement:

ART 108, 109, 111, 112, 115, 140, 152, 209, 211, 212, 213, 214, 217, 218, 219, 220, 221, 222, 225, 252, 265, 275, **COM** 246, **HPX** 150, **THR** 150, 182, 202, **COM/THR** 252, **THR** 281, 283, 284, 285, 289

World Languages and Literature

The following courses fulfill this requirement:

ARB 101 (only if **ARB** 102 is also completed), **ARB** 102, **CHI** 162 (only if **CHI** 164 is also completed), **CHI** 164, **FR** 162 (only if **FR** 164 is also completed), **FR** 164, **GER** 162 (only if **GER** 164 is also completed), **GER** 164, **IT** 162 (only if **IT** 164 is also completed), **IT** 164, **POR** 162 (only if **POR** 164 is also completed), **POR** 164, **SPA** 162 (only if **SPA** 164 is also completed), **SPA** 164, 170, 196, 197, 203, 204, 207, 208, 211, 221, 222, 224, 225, 226, 320, 330, 331, 336, 337, 361, 365, 367, 370, 371, 375, 411

Humanistic Studies

The following courses fulfill this requirement:

HUM 100, 101, 102, 110, 113, 114, 115, 116, 117, 119, 120, **ENG** 213, 274, 275, **SPA** 365

Literature

The following courses fulfill this requirement:

ENG 104, 105, 105W, 106, 106W, 107, 107W, 130W, 131, 131W, 207, 209, 210, 211, 212, 213, 227, 274, 275, 206, 306, 307W, 308W, **ENG/WS** 334, **ENG/COM** 372, **ENG** 376, **SPA** 204, 207, 208, 320, 330, 331, 337, 360, 361, 365, 367, 370, 371, 375

Philosophy

The following courses fulfill this requirement:

PHI 100, 101, 102, 102W, 103, 103W, 110, 110W, 111, 111W, 112, 112W, 120, 202, 210, 212, 214, 216, 218, 220, 222, 226

History

The following courses fulfill this requirement:

HIS 101, **HIS/ NWC** 115, **HIS** 148, 149, 186, 187, 200, 206, 210, 212, 213, 216, 217, **HIS/AAS** 219, **HIS** 245, 246, 250, 251, 266, 270, 271, 277, 281, 287, 288, 289, 290, 291, 292, 293, 302, 303, 304, **HIS/PS** 382, **SPA** 221, 222, 224, 225, 367

3. Social and Behavioral Sciences (12 Semester Hours)

Courses to be selected must include at least two of the following fields:

Non-Western Cultures

Psychology

Social Sciences (**ANT**, **ECO**, **GEO**, **PS**, **SS** and **SOC**)

Non-Western Cultures

The following courses fulfill this requirement:

NWC 103, 104, 105, 107, **NWC/AAS** 109, **NWC** 110, 112, **NWC/AAS** 113, **NWC/HIS** 115, **ENG** 376, **SPA** 110, 211, 222, 361, 365, 367, 371, 411

Psychology

The following courses fulfill this requirement:

PSY 100, 201, 202, 203, 204, 205, 206, 208, 210, 211, 215, **PSY/WS** 217, **PSY** 218, 219, 220, 222, 230, 236, 245, 251, 260, 262 (300 and 400 level courses may also fulfill this requirement – see course descriptions)

Social Sciences

ANT 110, 100W, 110, **ANT/SOC** 204, **ANT/COM** 208, **ANT/AAS/SOC** 212, **ANT/SOC** 216, **ANT** 222, 225, 229, **ANT/SOC** 232, **ANT** 234, **ANT/WS** 236, **ANT/SOC** 242, **ANT/SOC/WS** 251, **ANT/WS** 321, **ANT** 322, **ANT/SOC** 330, **ANT** 341, **ANT/SOC** 350, **ANT** 400, **ECO** 100, 101, 201, 202, 204, 205, 206, 207, 208, 209, **ECO/ANT/SOC** 234, **ECO/FIN** 360, 488, **GEO** 100, **GEO/PS** 290, **GEO/ENV** 150, **GEO** 215, 270, **PS** 100, 102, 104, **PS/ECO** 110, **PS** 200, 201, 212, 213, 216, 217, 218, **PS/HIS** 262, **PS/COM** 273, **PS/GEO** 290, **PS** 305, 306, **PS/SOC** 310, **PS/JLA** 322, **PS/HIS** 382, **PS** 400, 401, 402, 403, **PS/COM** 441, **SOC** 100, 101, 200, **SOC/ANT** 322, **SOC/JLA** 201, **SOC** 202, **SOC/JLA** 205, **SOC** 210, 211, **SOC/ANT** 322, **SOC/JLA** 334, 336, **SOC/ANT** 340

4. Natural Sciences, Mathematics and Computer Science (10 Semester Hours)

Courses to be selected must include both a laboratory course in the natural sciences and a course in mathematics or computer science.

Natural Science Laboratory Courses

In year-long courses, both semesters must be successfully completed to meet the requirement.

All AST laboratory courses meet this requirement.

All 100-level **BIO** courses *except* **BIO** 105 and **BIO** 106

CHE 102 Everyday Chemistry

CHE 110, 111 General Chemistry I & II *

CHE 120, 121 Survey of Chemistry I & II *

All ES laboratory courses meet this requirement

All MTR laboratory courses meet this requirement

All PHY laboratory courses meet this requirement

** In year-long courses, the first semester meets this requirement only if you successfully complete the second semester.*

Mathematics

MAT 105 and 106 (both must be successfully completed), **MAT** 110, 113, 115, 118, 120, 127, 133, **MAT/CS** 165, **MAT** 170, 171, 181, 182, 220, 242, 251, 251, 272, 281, 282

Computer Science

The following courses fulfill this requirement:

CS 110, 135, 140, 143, **CS/MAT** 165, **CS** 166

5. Health Promotion and Exercise Science (2 Semester Hours)

HPX 177 Fitness for Life Lecture and Activity

The Major

Selecting a Major

Students may select a major at the time of admission or may request admission as undeclared.

To declare a major at the time of admission, students should consult the section of this catalog on the selected major to check for any special admission or retention standards. A department may request an interview with prospective students.

If undeclared, students should discuss course selection with an adviser in the Academic Advisement Center, (203) 837-8397.

All students must declare a major by the time they earn 60 credits in order to continue enrollment at the university.

Program Sheets

Each major program leads to a degree, and students should obtain and study the program sheet for their major. Program sheets may be obtained from the department, the office of the school dean, the Admissions Office or online at www.wcsu.edu/academics/programsheets. Program sheets list the degree requirements for each major. As students consult with their faculty adviser in the major, the program sheet will guide selection of courses to meet general education and major requirements.

Continuation in Major

Certain major programs have specific retention standards. See the appropriate catalog section where the major is described.

Change of Major

To change or declare a major, you will need to:

1. Obtain a change of major form from the office of the appropriate department chairperson or the Academic Advisement Center.
2. Meet with the chair of the new department to discuss the new major and its requirements. If there is no problem with entering the new major, the department chair will sign your change of major form and assign you a new adviser.
3. File the change of major form with the Registrar's Office.

Double Major

Any WCSU student who wishes to fulfill the requirements for more than one academic major may do so. Students must satisfy the requirements for both majors and courses required for one major may not be used to complete requirements for a second major. Both majors will be listed on the student's transcript; however, only one degree will be awarded.

If you qualify for more than one degree, e.g., both a bachelor of arts and a bachelor of science, you must notify the Registrar's Office as to which degree you wish to receive at commencement.

You are advised to exercise caution in selecting more than one major because the requirements you must meet for two majors will limit your ability to take elective courses.

You are responsible for fulfilling the requirements of both majors as well as any special general education requirements in the majors.

Contract Major

A contract major is a coherent program of studies leading to a B.A. or B.S. degree, proposed by a student in consultation with a faculty adviser. The program must fulfill general education and other university-wide degree requirements including a major comprising a minimum of 36 credits related to a specialized topic, theme or area of concentration. Credits in the major may be drawn from the course offerings of one or more academic departments and at least half of them must be taken at Western. The contract must be approved by the chairs of the departments from which nine or more credits are taken, by the Committee on Undergraduate Curriculum and Academic Standards, and by the Provost. Following these approvals the student files a Change of Major request with the Registrar.

Proposals are normally presented before the completion of 75 credits. They must exhibit academic integrity and rigor. Therefore,

students are cautioned that the later a proposal is presented, the greater the chance that more than the minimum number of credits for the bachelor's degree will be required to complete the contract major. The student applicant must have a cumulative GPA of at least 2.5 and must have completed the general education requirements in writing and communication skills and mathematics. At least two-thirds of the credits in the major must be taken at the 200 level or above. Inclusion of a senior thesis or project is strongly advised.

The intent of the contract major is to allow students whose academic interests extend beyond existing majors sufficient flexibility to design a program of studies appropriate to their academic goals.

Departments and faculty advisers in fields related to the student's interests may provide guidance on developing the proposal.

Honors Interdisciplinary Bachelor's Degree (HIBDP)

The HIBDP is a special kind of honors contract major. Recognizing that the traditional division of knowledge into subject areas or disciplines is, to some degree, artificial, the university makes it possible for the highly motivated student to pursue a specialized course of study that examines, in depth, a single theme or idea from the perspective of two or more disciplines. A student might, for example, wish to pursue a course of study focusing on the Middle Ages, combining the disciplines of history, literature, philosophy, art history, music history and Latin. The student who chooses this option works closely with a faculty adviser and thesis director. The specific procedures for establishing an honors interdisciplinary bachelor's degree program are listed below:

1. The student should formulate the name and content of the HIBDP in consultation with at least one adviser from each of the departments where nine or more credit hours will be drawn. These advisers will also normally serve as members of the honors thesis committee (described below). The Honors Council recommends that the proposal for a HIBDP receive final approval prior to the senior year. Students must maintain a 3.2 GPA or higher in order to be eligible for a HIBDP.
2. The student should write a proposal for the HIBDP containing a description and rationale for the major. Also, the student should fill in a program sheet, which is available from the dean of the School of Arts & Sciences and the Registrar's Office. All programs should contain between 39-50 credit hours including 3-6 hours of thesis credit taken as a Student Developed Study (SDS). At least two-thirds of the credit hours must be from courses 200 level or higher (with at least six credits hours drawn from courses 300 level or higher). At least one-half of the course credits must be drawn from courses taken at Western. Under unusual circumstances a student may petition the Honors Council for an alteration to these credit hour requirements.
3. The student should obtain approval for the HIBDP from chairs of departments where nine or more credit hours are drawn.
4. The student should submit the proposal with chairs' signatures to the University Honors Council for review via the dean of Arts & Sciences Office, Warner Hall 300.
5. If approved by the Honors Council, the student should submit the proposal, program sheet and approval page to the chair of the Committee on Undergraduate Curriculum and Academic Standards (CUCAS) and the Provost.
6. If approved by CUCAS and the Provost, the student should submit a change of major form to the Registrar's Office.
7. Before the final year the student should form a thesis committee consisting of at least one member of each of the departments where nine or more credit hours are drawn. This committee, along with the Honors Council, will be responsible for approving the honors thesis.
8. The student should present the thesis orally to the Honors Council and the thesis committee. If approved by both, credit will be given for the thesis (SDS). For more information on the HIBDP contact, Dr. Chris Kukuk, at (203) 837-8247 or e-mail him at kukuk@wcsu.edu.

Special Study Opportunities

University Honors Program

The University Honors Program was founded in 1987 to foster and nurture academic excellence among outstanding students in all of the four schools of the university.

The Honors Program has four primary goals:

1. To provide an opportunity for academically gifted and motivated students to excel in response to the challenge of an honors enrichment curriculum;
2. To expose students to some of the central modes of inquiry used by fields to understand problems and find solutions;
3. To provide opportunities for students to become part of an active and dynamic honors community and,
4. To emphasize the importance of bringing a multidisciplinary awareness to understanding the world around us.

The program has two paths: the full three-year program open to first-year students and first-semester sophomores, and an associate option open to juniors, seniors and transfer students.

The full honors program requires that students take a one-credit course, HON 100 The Nature of Inquiry, complete three honors activities, take one honors course in each of the four "modes of inquiry" and complete the interdisciplinary capstone seminar, HON 400.

If they choose, students also may perform honors enhancements in courses in their major or minor areas of study and/or participate in Honors Research and Teaching Practicums, HON 487 and 497. Students wishing to participate in the one-year or associate version of the honors program must complete two honors activities, two honors courses and the capstone seminar, HON 400.

With the exception of Honors 100, all required core honors courses may go toward fulfilling general education credit in the area where the course or seminar is offered.

More information on the program, including program benefits and admission requirements, is available at www.wcsu.edu/honors or students may contact the University Honors Program Director Dr. Chris Kukk at (203) 837-9501 or e-mail him at kukkc@wcsu.edu.

Faculty Developed Course (1 to 4 Semester Hours)

Occasionally, an academic department may offer an experimental course, labeled X98, to determine its value to the total departmental program or in response to a particular request from a group of students.

Student Independent Study (1 to 6 Semester Hours)

Opportunities to develop an individualized area of study are available to all matriculated students under all department auspices. The following course description applies university-wide and describes the process by which a student may be registered for credits through a course of his/her own design. The course number is determined by the academic level of the project. A student may earn one to six semester hours of credit through a Student Independent Study; however, there is no limit to the number of credits a Senior may earn.

This vehicle is designed to provide students with an opportunity to develop their own learning experiences. Students will design a project, labeled X99, and secure a faculty sponsor to work with. A Student Independent Study may be utilized more than one time. Open to students of all classes. Prerequisite: Permission of faculty sponsor and department.

Cooperative Education

Director of Cooperative Education: Anthony Ciarleglio
Career Development Center, Student Center 227
(203) 837-8265

Director of Career Development Center: Maureen Gernert
Student Center 227
(203) 837-8266

Cooperative Education is an additional component of the total educational program at Western. Combining formal classroom work with meaningful on-the-job experience in cooperation with business, industry, governmental agencies and other employers provides professional development, academic achievement and personal growth. Students interested in cooperative education may register for CED 297 as a free elective or through an individual department where direct approval of the student's major academic adviser also is required.

CED 297 Cooperative Education Option I (1-12 Semester Hours)

With prior approval from the Office of Cooperative Education, students may register for co-op credit according to the following procedures:

1. CED 297 credit may be applied as free elective credits taken on a Pass/Fail basis.
2. One academic credit shall be awarded for every 50 hours of work experience.
3. The maximum number of CED 297 credits a student may earn will be 18 semester hours, including any transfer of credit. Students may register for no more than 12 semester hours of CED 297 credit during a given semester. A maximum 18 semester hours may be taken during a student's program.
4. Students registering for CED 297 will be charged standard tuition fees for this credit.
5. Co-op work experiences must comply with established registration procedures for nontraditional courses.
6. Students must have at least 45 semester hours in good standing and have attained upper sophomore status at the time they register for co-op.
7. Students are required to attend the CED 297 seminars, maintain a log, submit a final synthesis paper and complete employer and student evaluations.

(Any Label) 297 Cooperative Education/ Option II (1-12 Semester Hours)

Upon request, a student may register for co-op education credit and receive a letter grade, which is awarded through an academic department. Students will need to obtain permission to earn a letter grade for this option from both the Co-op Office and the department chair before registration for co-op. The supervision and evaluation of students working under this option will be coordinated by either faculty co-op coordinators or the co-op staff.

The following procedures apply to registration through department 297:

1. Students requesting a letter grade for department 297 credit must receive approval from the department chair and the director of the co-op program.
2. One academic credit shall be awarded for every 50 hours of work experience.
3. The maximum number of department 297 credits a student may earn, including any transfer, will be 18 semester hour department credits. Students may register for no more than 12 semester hour 297 credits during a given semester. Individual departments may limit the total number of department 297 credits taken by a student.
4. Students registering for department 297 will be charged standard fees for this credit.

5. Co-op work experience must comply with established registration procedures for nontraditional courses.
6. Students must have at least 45 semester hours in good standing and have obtained departmental approval for registration in department 297 co-op.
7. Students are required to attend the CED 297 seminars or an appropriate department 297 seminar, maintain a process log, submit a final synthesis paper and obtain an employer evaluation.

Study Abroad (ISEP)

Western works with the International Student Exchange Program (ISEP) to make study abroad available and affordable for all students. The ISEP network, made up of 320 higher education institutions in the U.S. and around the world, makes it possible for Western students to pay the WCSU tuition, room, and board costs in order to study at universities in Europe, Africa, the Middle East, Asia, as well as Central and South America.

There are two programs from which students may choose: ISEP Exchange and ISEP-Direct. The ISEP Exchange Program is a one-for-one exchange: for every student that Western sends abroad, the university accepts one incoming international student. The ISEP-Direct Program facilitates direct admission to those international universities in the ISEP network that are in high demand, and yet have a limited number of ISEP Exchange places. Under the ISEP-Direct Program, the student pays the fees of the host university.

You need not speak another language to study abroad, since many of the ISEP university programs accommodate English-speaking students. Courses taken as an ISEP student are transferrable to Western.

International study, providing a maturing educational experience, also adds an attractive qualification to any student's subsequent professional employment. Firming up world language competencies is a definite advantage for any future.

In order to foster such a background among its students, Western also annually offers courses taught overseas through various departments. This permits grading for work accomplished according to the same academic standards and requirements as expected on campus.

For application forms and information on either the ISEP or WCSU programs, call Dr. Robert Whittemore, Coordinator of Western's International Center at (203) 837-8461, Social Sciences Department, Warner Hall 204.

GRADUATION

Standards for Graduation

Students are eligible for the bachelor or associate degree upon successful completion of general education, the major, and total credit requirements for that degree as specified in the appropriate section of this catalog

A cumulative grade point average of 2.0 or higher for all credits attempted at Western is required for graduation, as well as a grade point average of 2.0 or higher in all courses for the major. Certain programs have a higher minimum standard.

In addition, at least 30 credits and at least half of the major requirements must be completed at Western.

Note that two components constitute a major in the Ansell School: the business core and the specialization, e.g., accounting, finance, etc. All B.B.A. candidates must complete at least half of the total number of credits that comprise the business core and the specialization and at least half of their specialization at Western. Some programs require meeting additional and/or higher academic standards as noted in the appropriate catalog section.

Graduation Honors

To be eligible for graduation honors, students must earn a minimum of 45 semester hours of quality point-bearing credits at WCSU and have a minimum GPA of 3.5. No pass/fail credits or transfer credits are included in this minimum.

December graduates and May candidates for Graduation Honors, who will be recognized at the May Commencement ceremonies, are identified at the conclusion of the Fall semester preceding graduation. Candidacy for May Graduation Honors does not guarantee the award of Graduation Honors upon completion of degree requirements.

Application for Graduation

Degrees are awarded at the end of each semester and summer session. Applications for a degree must be filed in the Registrar's Office by October 1 for the following May graduation, February 1 for August degree recipients, and April 1 for December degree recipients.

Undergraduates who will be within eight credits of those required for the degree are eligible to participate in the commencement exercises.

Commencement Exercises

All candidates for the bachelor of arts, bachelor of science, bachelor of business administration, bachelor of music and associate in science degrees are expected to attend the commencement exercises, held in May.

ACADEMIC PROGRAM DESCRIPTIONS

This information has been provided by departments offering these degree-granting programs. It is included to help students make informed decisions about their education. Please refer to the actual programs described elsewhere.

Accounting: Prepares students for entry-level positions in the field of accountancy.

American Studies: Develops the ability to think critically while offering the opportunity to focus on different subject areas (American literature, history, political science, etc.); prepares students for a variety of careers, e.g., law, public administration, elementary and secondary school teaching.

Anthropology — Sociology: Offers a comprehensive education in the methods and content of anthropology and sociology within a liberal arts tradition; prepares students to take a proactive, independent role in selecting a career option or graduate training program.

Art: Provides challenging visual arts training within the context of a liberal arts education, including the following goals:

1. Fluency in the visual language of aesthetic form, structure and dynamics and an ability to fully engage in the creative process.
2. Acquisition of a comprehensive set of creative and intellectual skills that allow our students to successfully develop and articulate their creative visual statements.
3. Development and creation of a provocative body of work.
4. Graduating majors participate in the annual Thesis Exhibition, which serves as the capstone event, showcasing implementation of acquired skill sets.

Biology: Provides students with a strong background in the biological sciences suitable for entering either the work force or graduate school in a variety of biological disciplines.

Biology — Secondary Education: Develops the competencies for teaching biology in both middle and high school; develops a broad understanding of all the major concepts of biology (from molecular to ecological), its methodology and its technical language; evaluates the role which biology has played in the advancement of human society; develops skills related to biological experimentation and advancement of scientific knowledge.

Chemistry: Aids students in selecting meaningful career directions in chemistry while providing them with the professional background to pursue such careers.

Chemistry — Secondary Education: Prepares students to have careers in teaching chemistry in both middle and high schools. Aids students in selecting meaningful career direction; educates students with the professional background to pursue such careers; prepares them to take active responsibilities as concerned citizens in our society; develops the abilities of students for self-education, introspection and commitment to accountable holistic life styles.

Communication: Promotes mastery of the four modes of communication (speaking, listening, writing, and reading) as well as media production and performance techniques to develop students' ability to participate in and evaluate the communication process, whether in personal relationships, business, nonprofits, education, media or other communication environments.

Computer Science: Prepares students for graduate study in computer science or to obtain positions in software development.

Contract Major: Allows students, with faculty guidance, to combine existing courses and study opportunities into innovative major programs responsive to individual interests and needs. Proposed contract majors must be approved by the academic departments involved and by the university curriculum committee.

Earth and Planetary Sciences: Prepares students to enter graduate programs in the earth and planetary sciences or to enter the workforce in jobs which make use of the earth and planetary sciences and allied areas including astronomy, geology, meteorology, and oceanography.

Earth Science — Secondary Education: Prepares students to have careers in teaching Earth Science in both middle and high schools. Students will have an understanding in astronomy, geology, meteorology, and oceanography.

Economics: Offers a comprehensive education in the methods and content of economics within a liberal arts tradition to prepare students to take a proactive, independent role in selecting a career option or graduate training program.

Elementary Education: Accepts and matriculates competent teacher candidates seeking elementary certification in Connecticut and prepares students for successful careers in teaching.

English: Prepares students for a variety of careers and for graduate studies by developing three key skills needed in any field: close reading, critical thinking, and clear writing. English majors study the major texts of English and American literature and learn to conduct research in the field to enable them to better situate their ideas in the ever expanding realm of English studies. English also provides a solid analytical and communications foundation for students pursuing careers in business and law.

English — Secondary Education: Develops abilities to read and analyze literature and to write analytically and creatively while preparing students to become secondary school English teachers; aims to produce teachers who know both their subject and the pedagogy appropriate to the levels at which they will teach.

Finance: Provides the analytical, practical, computer, and communication skills required to succeed in the areas of investments, financial markets, and corporate financial management.

Health Education: Provides a theoretical and practical foundation in health education so students will be prepared to take on the responsibilities of professional health educators.

Health Promotion Studies: Provides a comprehensive and multidisciplinary academic curriculum that prepares graduates for

careers in a variety of health and fitness educational fields, as well as a comprehensive approach to health and fitness education, emphasizing the connection and interdependency of individuals, careers, family and community.

History: Introduces students to the framework of American, European and world history; provides the opportunity to study advanced topics in these areas; teaches the critical thinking and analytical skills needed to evaluate the past; teaches students how to use sources and write history; produces articulate graduates who can express a nuanced verbal and written evaluation of the past and apply analytical skills to fields other than history.

History — Secondary Education: Prepares students to teach history on a global perspective. American and European history courses are taught along with courses on Middle Eastern, Caribbean, Asian and African history. The understanding of history in civilization is key in working with people of diverse cultures and backgrounds in a modern pluralistic society.

Justice and Law Administration: Prepares students for a variety of career choices in law, public service, social systems and private enterprise.

Management: Provides knowledge, perspective and competencies necessary to understand and practice management as a generic process in all organizations; prepare students for future managerial positions and roles.

Management Information Systems: Produces management information systems professionals who can integrate business systems, computer security and quantitative skills with creativity and synergy in the solution of complex business problems.

Marketing: Produces graduates who can recognize marketing problems, apply appropriate marketing tools and find satisfactory solutions.

Mathematics: Prepares students to study mathematics at the graduate level, prepares students for a position in fields requiring quantitative reasoning, problem solving and logical thinking.

Mathematics — Computer Science option: Prepares students for a field requiring a fundamental knowledge of both mathematics and computer science; prepares students to obtain positions in software development which require competencies in upper-division mathematics.

Mathematics — Secondary Education/Elementary Education: Develops the competencies for teaching mathematics at the K-12 level; develops a broad understanding of all the concepts of mathematics; expands skills in quantitative reasoning, problem-solving and logical thinking, enabling students to become effective teachers of mathematics and to continue to study mathematics at the graduate level.

Media Arts: Develops students' ability to express themselves appropriately, creatively and effectively in, as well as to understand and evaluate, various communication media.

Meteorology: Prepares students to enter the workforce at entry-level positions in meteorology and related sciences. Prepares students to enter graduate programs in meteorology and environmental science as well as professional graduate programs in business and law.

Music — Bachelor of Arts: Appropriate program for students who wish to study music within the broader context of a liberal arts education. Specific goals include:

1. To prepare students for possible careers in music and arts-related professions.
2. To increase student's understanding and appreciation of the arts in relation to society, thus encouraging their lifelong advocacy of the arts.
3. To allow students to maintain an emphasis on music while further exploring other academic interests.
4. To foster intellectual curiosity.
5. To encourage students to seek breadth and variety in their educational pursuits to aid them in securing employment in the ever-changing global economy.

Music — Bachelor of Music — Three degree options

B.M. Emphasis in Audio and Music Production: Designed for those wishing to pursue a career in audio and music production. Many students who choose this option continue their studies at the graduate level and in various professional programs in their specific area. Not an audio engineering degree, but a music degree that provides a well-rounded education in all aspects of production including recording, mixing, sound design, arranging, and scoring. Goals include:

1. To give students comprehensive capabilities in the basic techniques of audio recording and mixing, studio sound, acoustics, copyright law, music theory, aural skills, arranging, composition, and improvisation necessary to succeed in the music audio production industry.
2. To provide students with instruction and performing experiences on their principal instrument which will inform their ability to solve technical and artistic problems in the preparation of live performances, recordings, or other media for various purposes and in various musical genres and settings.
3. To provide students with an understanding of administrative structures and practices associated with music organizations as well as of entrepreneurship and the history of the music industry.
4. To give students a comprehensive musical education which includes experiences in traditional ensembles, jazz and contemporary ensembles, conducting, form & analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.
5. To increase the student's understanding and awareness of the arts in relation to society, thus developing lifelong advocates of the arts.

B.M. in Performance (Vocal and Instrumental): Designed for those who wish to pursue a performing or teaching career in

music. Many who choose this option continue their studies at the graduate level and participate in various professional programs in their specific area. Specific goals include:

1. To prepare students to become highly skilled performers on their principal instrument, thus giving them the potential to succeed in a highly competitive field.
2. To give students a comprehensive musical education which includes experiences in traditional ensembles, jazz and contemporary ensembles, conducting, analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.
3. To prepare students for careers as private music teachers.
4. To prepare students for advanced study at the graduate level.
5. To increase students' understanding and awareness of the arts in relation to society, thus developing lifelong advocates of the arts.

B.M. in Jazz Studies: Designed for students wishing to pursue a performing or teaching career in jazz and commercial music. Many who choose this option continue their studies at the graduate level and in professional programs in their specific area. Specific goals include:

1. To prepare students to become highly skilled performers on their principal instrument, thus giving them the potential to succeed in a highly competitive field.
2. To give students the requisite skills in history, arranging, composition, and jazz improvisation necessary to succeed in the industry.
3. To give students a comprehensive musical education which includes experiences in traditional, jazz and contemporary ensembles, conducting, analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.
4. To prepare students for careers as private music teachers.
5. To prepare students for advanced study at the graduate level.
6. To increase students' understanding and awareness of the arts in relation to society, thus developing lifelong advocates of the arts.

Music Education — Bachelor of Science: Prepares the student to apply for provisional PK-12 certification in Connecticut. Designed for students who wish to pursue a career in music education. Program goals include:

1. To prepare students to become highly skilled teaching professionals.
2. To prepare students to become highly skilled performers on their principal instrument.
3. To give students a comprehensive musical education that includes experiences in traditional, jazz and contemporary ensembles, conducting, analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.
4. To increase students' understanding and awareness of the arts in relation to society, in particular the education system, thereby developing lifelong advocates of the arts.

Musical Theatre — Bachelor of Arts: Offers students knowledge of and training in all aspects of musical theatre within a liberal arts context in order to compete for employment opportunities in the entertainment industry where musical talent is utilized. Students will develop the following skills:

1. Vocal production and techniques sufficient to present complete roles in full productions.
2. Vocal interpretation and role preparation skills that enable understanding and performance of roles in a wide variety of styles and formats.
3. Musicianship, keyboard competency, and analytic skills.
4. Theatre skills, acting competence, script analysis, stage movement, voice and diction for the actor, auditioning techniques and related physical skills such as modern dance, ballet and jazz.
5. Understanding of basic production elements such as make-up, costume, sets and props, and lighting.
6. Knowledge of the musical theatre canon, along with its history and development within the theatre.
7. Portfolio preparation of musical and non-musical material for auditions and/or graduate school.

Nursing: Prepares professional nurses who will be qualified for licensure as registered nurses; provides opportunities for educational mobility for registered nurses prepared in associate degree and diploma nursing education programs.

Political Science: Offers students a comprehensive education in the methods and content of political science within a liberal arts tradition to prepare them to take a proactive, independent role in selecting a career option or graduate training program.

Professional Writing: Prepares students to work professionally as writers. Optional fields include creative writing, business, public relations and journalism.

Psychology: Offers a comprehensive education in the methods and content of psychology within a liberal arts tradition in order to prepare students to take a proactive, independent role in selecting a career option or graduate training program.

Social Sciences: Offers students a comprehensive education in the methods and content of the social sciences within a liberal arts tradition to prepare them to take a proactive, independent role in selecting a career option or graduate training program.

Social Science — Secondary Education: Prepares students in a multi-discipline field which includes geography, political science, economics and anthropology. Through exploration of historic and cultural accomplishments across civilizations, students will gain a more thorough knowledge of social science as well as the ability to impart this knowledge in a classroom setting.

Social Work: Prepare competent and effective generalist social work professionals to practice in a manner consistent with the purposes and values of the profession, to enhance human and community well being, and to value the dignity and worth of all persons. Based on the knowledge, values, and skills of the profession, the program exposes students to a world view that leads to a commitment to service, human rights, and social and economic justice. Provides students with significant opportunities to connect with faculty, students and community.

Spanish: Prepares students to function in an interdependent, multicultural, multilingual world to meet local, national and global needs in business, the non-profit sector, government, and other professions for a bilingual and bicultural workforce. With a foundation in socio-cultural, literary, commercial, historical, and artistic study of Spain, Latin America and Latinos in the United States, language proficiency is developed through the 5 C's: communication, cultures, connections, comparisons, and communities.

Spanish — Secondary Education: Prepares candidates to teach Spanish at the secondary level to develop language proficiency and cultural awareness through the 5 C's: communication, cultures, connections, comparisons, and communities. The classroom setting, in which future teachers will be engaged, sets the highest standards of cross-cultural interaction and immersion in the target language.

Theater Arts — Bachelor of Arts: Appropriate for students who wish to study theatre within a broader context of a liberal arts education and to emphasize areas of concentration such as performance, design/technology, theatre arts management or drama studies. Specific goals:

1. To develop understanding and practice of theatre arts by focusing on the verbal, physical, visual and research aspects of the craft.
2. To understand script analysis in order to develop an understanding of the relationship of production process to the period and style, content and structure of a script.
3. To provide exposure to a wide variety of theatre repertory through the study of the history of theatre, its major dramatists, attending performances, and through the production of a variety of theatre works.
4. To prepare students for entry-level positions in theatre performance, design and/or technology, theatre arts management and other entertainment industry related fields, as well as, for continuation with graduate studies, and/or teaching.
5. To encourage students to explore breadth and variety in their educational pursuits to enhance their understanding of the world around them and to give them greater career versatility as a post-graduate.

ANCELL SCHOOL OF BUSINESS

OVERVIEW

DEPARTMENTS

Accounting
Finance
Management
Management Information Systems
Marketing

DIVISION

Justice & Law Administration

DEGREE PROGRAMS

BBA Accounting
BBA Finance
BBA Management
BBA Management Information Systems
BBA Marketing
BS Justice & Law Administration

COURSES

Accounting
Finance
Justice & Law Administration
Management
Management Information Systems
Marketing

ANCELL SCHOOL OF BUSINESS

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Mission and objectives

The Ancell School of Business (ASB) provides high quality, affordable educational opportunities for students from diverse backgrounds.

The school transforms students into graduates who are prepared to meet the needs of employers and communities in our service region and rise to the challenges of the global economy.

Instruction in the Ancell School blends theory and practice.

Faculty pursue a range of scholarly activities that include applied, pedagogical, and basic research and engage in service to professional, community and business organizations.

The school contributes to the economic and civic development of the university's service region and the State of Connecticut.

Undergraduate Degree Programs

B.B.A. Accounting

Options:

Financial Accounting
Managerial Accounting

B.B.A. Finance

Options:

Financial Investments and Markets
Financial Management

B.B.A. Management

Options:

Small Business and Entrepreneurial Management
Supervisory Management
Human Resources Management

B.B.A. Management Information Systems

Option: Information Security Management

B.B.A. Marketing

Option: Interactive Marketing

B.S. Justice and Law Administration

Options:

Corrections, Probation, Parole and Offender Rehabilitation
Law Enforcement
Legal Studies
Paralegal Studies
Criminology

The Ancell School of Business is composed of five business administration departments and the Division of Justice and Law Administration (JLA). The admission, academic probation and suspension standards are the same for both the JLA division and the business administration programs.

Information concerning the Bachelor of Business Administration (BBA) program and its five majors is listed below. Information concerning the Division of JLA is found in the Division of JLA section of this catalog.

Graduation Requirement

A 2.3 cumulative grade point average for all courses completed is required in order to receive a baccalaureate degree for a program offered by the ASB.

Academic Probation and Suspension

Any ASB student whose cumulative GPA drops below 2.3 will be contacted by the dean and asked to speak to an academic adviser to review program requirements, course selections, credit load, and other pertinent information.

Business Administration Curriculum

The five business programs are:

- Accounting
- Finance
- Management
- Management Information Systems
- Marketing

All business majors consist of five components:

General Education	42 semester hours
Business Core	30 semester hours
Major	21-33 semester hours
Non-Business Electives	16 semester hours
Free Electives	1-13 semester hours
Total	122 semester hours

General education requirements of the Ancell School of Business are as follows; the number indicates semester hours:

Communication	3 SH (choose from COM 160, 161, 162 or 163)
English*	writing intensive course (W)
Humanities	15 SH (choose from fine and applied arts, foreign language, humanistic studies, literature, philosophy, or western history.)

Social and Behavioral Science	12 SH (four courses: PSY 100, PS 104, ECO 100 and ECO 101)
Mathematics*	3 SH (choose from MAT 118, 133, 135 or 181)
Natural Science	4 SH (choose any lab science course)
Math or Science	3 SH (choose any math (except 098 and 100) or science course)
Health Promotion and Exercise Science	2 SH

*Admission to writing-intensive courses and MAT 118 requires a placement test that may determine the need for remedial course work.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Business Core Requirements:

FIN 230	Business Statistics
ACC 201	Financial Accounting
ACC 202	Managerial Accounting
MGT 250	Organizational Behavior
MGT 320	Operations Management
MIS 260	Information Systems Concepts
MKT 301	Principles of Marketing
FIN 310	Principles of Finance
JLA 240	Commercial Law <i>or</i> ACC 340 Business Law I (for accounting majors)
MGT 415	Strategic Management
FIN 310	Principles of Finance

Admissions

Please refer to the department area in this catalog for specific admission procedures and requirements, or contact the Office of Undergraduate Admissions at (203) 837-9000.

ACCOUNTING

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Faculty

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J. Butler

J. Donegan

M. Ganon

D. Moser

S. McGregor

T. Monks

Overview

The accounting curriculum is divided into three closely coordinated areas: the liberal arts and sciences foundation; a common body of business courses; and an in-depth study in accounting. To assure a proper common body of knowledge for the business student, the curriculum provides for the study of the legal, social, political, and economic environments; the development of a professional understanding of the concepts and methods of accounting, quantitative methods, production, distribution, and finance; and contains a study of organization theory, including interpersonal relationships, control, and motivation.

Mission

The accounting department seeks to provide students with an education that focuses on the common body of knowledge of accounting and the development and application of skills needed for entry into the professions.

Degree Programs in Accounting

The accounting program consists of the following academic areas of study:

Liberal Arts & Sciences	42 semester hours
Business Common Core courses	30 semester hours
Accounting Major Core courses	27 semester hours
Financial or Managerial Accounting option	6 semester hours
Free electives	17 semester hours*
Total credit hours	122 semester hours

* At least 16 semester hours of the free electives must be non-business courses. Prospective students should request an accounting departmental program sheet which details the current requirements for graduation.

Bachelor of Business Administration In Accounting (B.B.A.)

Requirements:

All undergraduate accounting students take a common accounting curriculum of 27 semester hours beyond the nine semester hours included in the business common core.

The following courses are required for the B.B.A.:

- ACC 301 Intermediate Financial Accounting I
- ACC 302 Intermediate Financial Accounting II
- ACC 303 Intermediate Financial Accounting III
- ACC 361 Cost Accounting
- ACC 403 Federal Taxation
- ACC 404 Advanced Taxation
- ACC 405 Auditing
- ACC 407 Consolidation, Governmental and Not-For-Profit Accounting
- ACC 410 Fraud Examination

In addition, an accounting student must choose either the financial accounting option or the managerial accounting option by taking an additional six semester hours of courses specified below.

Financial Accounting Option

Students wishing to sit for the Certified Public Accountant (CPA) exam should select this option and take the following additional courses:

- ACC 341 Business Law II

Plus one of the following:

- ACC 411 Valuation of Closely Held Businesses
- ACC 412 Valuation of Damages and Lost Profits

Managerial Accounting Option

Students primarily interested in careers in corporate or non-profit organizations and planning to sit for the Certified Management Accounting (CMA) exam should select this option and take the following additional courses:

FIN 320 Financial Management

Plus one of the following:

- MGT 340 Total Quality Management
- MIS 311 Business Models
- MIS 405 Business Applications Using Microcomputers
- ACC 411 Valuation of Closely Held Businesses
- ACC 412 Valuation of Damages and Lost Profits

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Graduation Requirement:

To graduate, a student must:

1. Obtain a cumulative grade point average (GPA) of 2.3 or better in all courses completed;
2. Obtain a C+ or better in ACC 201 and;
3. Obtain a 2.0 GPA in all accounting courses.

LEARNING OUTCOMES

A graduate of the Accounting Department should be able to :

- Utilize critical thinking and data analysis skills to prepare and analyze financial statements
- Effectively communicate and convey accounting information orally and in writing.
- Work in a group setting to solve complex financial and accounting problems
- Identify and resolve ethical issues related to the practice of accounting
- Demonstrate a broad understanding of accounting standards and an ability to resolve problems in the following areas; GAAP-US/IFRS accounting standards, tax rules and regulations, legal issues, fraud principles and standards, and business valuation standards.

Certification Examinations

A student may wish to sit for one of the primary certification exams: Certified Public Accountant (CPA) or a Certificate in Management Accounting (CMA), Certified Fraud Examiner (CFE), Certified Valuation Analyst (CVA) or Accreditation in Business Valuation (ABV).

In Connecticut, the State Board of Accountancy in Hartford, Conn., administers the CPA exam. The Institute of Management Accountants in Montvale, N.J., administers the CMA exam.

Each certification has specific work experience requirements. Information concerning these requirements can be obtained by contacting the accounting department chair. Graduates wishing to take the CPA exam in Connecticut are required to have completed 120 credit hours of college education in order to sit for this exam, but must complete 150 hours to receive the certificate.

Students interested in satisfying the 150-hour requirement might want to pursue options, such as earning a B.B.A. in accounting followed by a second B.B.A. in Management Information Systems. Or, they may earn a B.B.A. in Accounting followed by a master's degree in health care administration, business, or justice and law administration. Contact the accounting chair to inquire about other methods of satisfying the 150-hour requirement.

Placement and Work Experience Accounting Internships

Accounting Internships

Students majoring in accounting are strongly advised to obtain practical work experience in the field of public or corporate accounting during their junior and senior years. Many internships and part-time work opportunities in the accounting field are available to students.

Placement

The accounting department works closely with the Career Development Center to provide guidance to students seeking employment upon graduation. An active on-campus job interview program begins in the fall semester of the senior year.

Minor in Accounting

A minor in accounting is offered to non-accounting students wishing to develop additional competence in accounting. This requires a total of 18 credit hours in accounting. Students wishing to undertake a minor should consult with the accounting department chair.

For further information on the accounting program, please contact the department chair, Richard Proctor, at (203) 837-8744.

FINANCE

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Faculty

Joel Goldstein, Co-Chair.	A. Wong, Co-Chair	B. Collins
C. Huang	H. Namiot	

Overview

The finance curriculum is designed to provide students with the theoretical background and practical skills for pursuing a career in financial investments and markets, financial management, or international finance.

Finance courses offer the student an opportunity to analyze financial problems, learn the tools of financial decision-making, and utilize sound methodologies in the resolution of the problems confronting business, industry and nonprofit organizations today.

The teaching emphasis is analytical, utilizing cases, model building and computer simulation, combined with the lecture method.

Mission

The finance department is dedicated to the principles of quality teaching and the practice of professional excellence. Consistent with the school and University mission, the department is committed to providing finance students with the theoretical background, critical thinking and practical skills necessary for pursuing a career in financial investments and markets, financial management or international finance.

The department prepares its students with the methods of financial planning, financial analysis and control, and for management of complex, changing forms of financial risk.

The finance department is also committed to providing all business students with the statistical knowledge and computer expertise necessary to make data-based decisions across all functional areas of business. The finance program emphasizes the development of the analytical, quantitative, statistical, and communication methodologies necessary for success in the financial industry.

Bachelor of Business Administration In Finance (B.B.A.)

Requirements:

- Completion of all general education requirements (see departmental program sheet for specific requirements).
- Completion of the business core courses as listed under the Ancell School of Business.

Finance Requirements:

FIN 320 Financial Management
FIN 330 Financial Decision Models
FIN 340 Investment Analysis and Portfolio Management
FIN/ECO 360 Money, Banking, and Capital Markets
FIN 370 Financial Institutions
FIN 490 Cases in Managerial Finance

In addition to the courses listed above, a finance student must select either the financial investments and markets option or the financial management option by taking an additional nine credit hours of courses listed below:

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Financial Investments and Markets Option

Students who choose the financial investments and markets option will be exposed to the latest advances in the areas of the pricing of financial securities, international finance and the management of constantly changing and complex forms of financial

risk. Graduates of this track can pursue careers as investment analysts, securities traders, investment bankers, and in any of a host of careers that require analytical ability and the commitment to solving unique and challenging financial problems.

FIN 316 Quantitative Methods in Finance *or* FIN 317 Fixed Income Securities

FIN 486 Financial Engineering

FIN/ECO 488 Multinational Financial Issues

Financial Management Option

Students who choose the financial management option will have the opportunity to acquire skills in the areas of financial planning, analysis, and control. Graduates of this track are employed as bankers, financial analysts, financial planners, and a number of careers that require the ability to synthesize a broad range of financial, accounting, and economic variables in making sound financial decisions.

ACC 301 Intermediate Financial Accounting I

ACC 302 Intermediate Financial Accounting II

ACC 403 Federal Taxation *or* ACC 303 Intermediate Financial Accounting III *or* ACC 361 Cost

Accounting *or* ACC 407 Consolidation, Governmental and Not-for-Profit Accounting

LEARNING OUTCOMES

A graduate of the Finance Department should be able to :

- Demonstrate knowledge of portfolio management, security valuations, financial statement analysis, and risk-return analysis.
- Demonstrate knowledge of financial planning, long & short term financing , and the functions of financial management.
- Apply basic analytical and quantitative techniques to solve complex problems and make sound financial decisions.
- Utilize computer based analytic methods
- Demonstrate knowledge of domestic and international markets & institutions
- Effectively communicate financial problems and solutions orally and in writing

Minor in Finance

Admission to the minor requires completion of at least 45 semester hours with a GPA of 2.3. Successful completion of the minor requires the student to maintain a 2.3 GPA in all finance courses. There are two tracks in the Finance minor:

Track 1: Investments

This minor requires the completion of the following courses:

FIN 310 Principles of Finance

FIN 320 Financial Management

FIN 330 Financial Decision Models

FIN 340 Investment Analysis and Portfolio Management

And a choice of two of the following:

FIN 316 Quantitative Methods of Finance

FIN 317 Fixed Income Securities

FIN/ECO 360 Money, Banking and Capital Markets

FIN 370 Financial Institutions

FIN 486 Financial Engineering

FIN/ECO 488 Multinational Financial Issues

Track 2: Financial Management

This minor requires the completion of the following courses:

FIN 310 Principles of Finance

FIN 320 Financial Management

FIN 330 Financial Decision Models

FIN 340 Investment Analysis and Portfolio Management

And a choice of two of the following:

FIN 301 Intermediate Financial Accounting I

FIN 302 Intermediate Financial Accounting II

FIN 361 Cost Accounting

The department reserves the right to approve alternative requirements on a case-by-case basis after advisement from a finance faculty member and approval by the department. Students receiving a B.B.A. degree must earn at least 50 percent of their credits in non-business courses and attain a GPA of 2.3 or better.

MANAGEMENT

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R. Swierat	R. Watson	S. Whitehead

Overview

The management department's curriculum is designed to provide the student with the knowledge, skills, and perspectives necessary in managerial and administrative positions in a variety of organizations, both commercial and not-for-profit.

To accomplish this goal, the student's program includes courses in three areas: the university's general education requirements to obtain an appreciation of and perspective on the liberal arts and sciences; the business core to obtain a sound knowledge of all functional areas of business organizations as well as the social, economic, and legal environments of organizations; and the courses to provide in-depth study of management.

The management major consists of seven courses. Four of these courses are required of all students who receive a major in management. The remaining three courses form one of three possible options:

- The human resource management option is offered for those students who want to pursue careers in departments such as human resource management, employee relations, or personnel.
- The supervisory management option is offered for students seeking management knowledge prerequisite for supervisory positions in industrial, service, retail, and wholesale type organizations.
- The small business management and entrepreneurial option is offered for students who plan to pursue a career in a small business or who have the goal of starting a small business.

Mission

To provide students with the knowledge, perspectives, and competencies necessary to understand and practice management as a generic process in all types of organizations and, thus, to prepare them for future managerial positions.

A 2.3 cumulative grade point average for all courses completed is required in order to receive a baccalaureate degree for a program offered in the ASB, as well as a grade point average of 2.0 or higher in all courses in the major.

Bachelor of Business Administration in Management (B.B.A.)

Requirements:

- Completion of all general education requirements (see departmental program sheet for specific requirements in some areas).
- Completion of the business core courses.
- Completion of the major in management as listed below:
- Completion of free electives, including physical education, to total a minimum of 122 semester hours.
- Fifty percent of course work must be taken in non-business courses. Therefore, at least 16 semester hours of free electives must be in non- business courses.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Required Courses (12 SH):

MGT 340 Total Quality Management
MGT 350 Management Negotiations
MGT 376 Managing People
MGT 410 Current Issues In Management

Plus one of the following options:

Small Business & Entrepreneurial Management Option (9 SH)

Intended for students with an interest in starting up or working for a small business. Comprised of the following courses:

MGT 405 Small Business Entrepreneurship
MGT 406 Small Business Management

Choose one of the following:

MGT 377 Supply Chain Management
MIS 405 Business Applications Using Microcomputers

Supervisory Management Option (9 SH)

Intended for students with an interest in supervision in all types and sizes of organizations. This is the more generic management option.

MGT 251 Human Resource Management
MGT 377 Supply Chain Management
MGT 405 Small Business Entrepreneurship

Human Resources Management Option (9 SH)

Intended for students with an interest in the human resource management functions of an organization, including interviewing, benefits administration, wage and salary administration and employee relations.

MGT 251 Human Resource Management
MGT 353 Advanced Human Resource Management: Employee Acquisition
MGT 354 Advanced Human Resource Management: Employee Development

LEARNING OUTCOMES

A graduate of the Management Department's majors should:

- Possess a knowledge of the fundamental concepts of management as an organizational process
- Display the communication skills, both written and oral, used in business and organizational settings
- Recognize ethical challenges and ethical actions in organizational settings
- Possess the skills to work effectively in groups and teams
- Appreciate diversity among individuals as an organizational strength
- Be capable of analyzing and correcting organizational processes

Minor in Management

Admission to the minor requires completion of at least 45 semester hours with a GPA of 2.3; a GPA of 2.3 or better is required in management courses for completion of the minor.

Requirements:

MGT 250 Organizational Behavior
MGT 251 Human Resource Management
MGT 340 Total Quality Management
MGT 350 Management Negotiations
MGT 376 Managing People
MGT 320 Operations Management

or

MGT 353 Advanced Human Resource Management: Employee Acquisition

If you are a B.B.A. major, choosing a business minor may require you to take credit hours above the 122 credit minimum required for graduation.

Western at Waterbury

The management department also offers the supervisory management option at Western's Waterbury program located on the grounds of Naugatuck Valley Community College. Upper-level (junior and senior year) courses are offered at Waterbury. This program generally allows students who have the equivalent of an associate's degree to finish their Bachelor of Business Administration degree at Waterbury. Courses offered at Waterbury are also open to students taking classes in Danbury.

For more information on this program, contact WCSU at Waterbury, Founders Hall 129, (203) 596-8777.

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Overview

The management information systems (MIS) department curriculum is designed to: educate its students in the use and importance of information as an essential and valuable resource in business decision making processes for all organizations; develop the critical analytical, quantitative and computer skills necessary to address complex business problems; and prepare its students for responsible MIS roles in the public and private sectors.

To accomplish this, this program includes courses in three areas: (1) general education, in order to obtain an appreciation of the arts and sciences; (2) the business core, in order to obtain a sound knowledge of management and administration, as well as the social, economic, legal, and political environments of organizations; and (3) the major, in order to provide in-depth study of management information systems.

Mission

Meet the needs of students and organizations by providing state-of-the-art quality in undergraduate and graduate courses.

Bachelor of Business Administration in Management Information Systems (B.B.A.)

Requirements:

- Completion of all general education requirements (see departmental program sheet for specific requirements in several areas).
- Completion of the business core courses.
- Completion of a major in management information systems as listed below.
- Completion of 26 semester hours of free electives; at least 13 of these free electives must be in non-business courses.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Required Courses (24 SH):

MIS 280 COBOL I

MIS 481 Management Information Systems

MIS 495 Seminar in Management Information Systems

Select five courses from those listed below:

CS 143 Visual Basic

MIS 281 Cobol II

MIS 300 Data Analysis and Integration Software

MIS 301 Database Applications in Business

MIS 311 Business Models

MIS 320 Systems Simulation

MIS/JLA 341 Information Systems Security

MIS 345 Selected Topics in Business

MIS 361 Information Assurance

MIS 385 Fundamentals of Data Communications

MIS 386 Decision Support Systems

MIS 389 Information Systems Hardware

MIS 405 Business Applications Using Microcomputers

MIS 475 Management of Information Systems and Information Technology

Information Security Management Option

The information security management option provides undergraduate students majoring in management information systems an enhancement to their understanding of information systems security practices.

The option incorporates both behavioral and technical aspects of security and is intended to offer a broad perspective. It consists of 15 semester hours of courses drawn from management information systems, computer science and JLA.

The purpose of this option is to elevate the importance of the behavioral aspects of security while continuing to recognize the importance of technological security controls.

As specified below, the 15 semester hours forming the information security management option should be selected in place of the 15 semester hours of electives within the management information systems major.

MIS 301 Database Applications in Business
MIS/JLA 341 Information Systems Security
MIS 361 Information Assurance
MIS 385 Fundamentals of Data Communications

Choose one of the following:

CS 143 Visual Basic
CS 166 Introduction to UNIX
CS 170 Computer Science I: Language
CS 270 Computers in Society
JLA 225 Principles of Security
JLA/SOC 336 White Collar Crime
JLA 347 Justice Issues in Domestic and International Terrorism
MAT 127 Introduction to Cryptology
MIS 389 Information Systems Hardware

LEARNING OUTCOMES

A graduate of the MIS department should be able to:

- Use analytical, quantitative, and systems skills to solve complex business problems
- Work in teams to develop solutions to complex business problems
- Demonstrate effective and persuasive written and oral communication skills

Minor in Management Information Systems

Eighteen semester hours are required in order to obtain a minor in management information systems. The minor requires the combination of six of the following courses:

MIS 300 Data Analysis and Integration Software
MIS 301 Database Applications in Business
MIS 311 Business Models
MIS 320 Systems Simulation
MIS/JLA 341 Information Systems Security
MIS 345 Selected Topics in Business
MIS 361 Information Assurance
MIS 385 Fundamentals of Data Communications
MIS 386 Decision Support Systems
MIS 389 Information Systems Hardware
MIS 405 Business Applications Using Microcomputers
MIS 475 Management of Information Systems and Information Technology
MIS 481 Management Information Systems
MIS 495 Seminar in Management Information Systems

MARKETING

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Adjunct Faculty

D. Coelho S. DeBartolomeo R. Giacalone

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Overview

The marketing curriculum provides students with a sound understanding of the marketing function and its critical role in the success of organizations in globally competitive environments. Students learn analytical and communicative skills needed to succeed in brand management, marketing research, advertising management, and other fields within marketing. The skills and techniques of marketing management are also stressed. The program builds on knowledge from the arts and sciences and other business courses. Students are exposed to a variety of teaching methods including computer applications, case studies, group projects and experiential exercises.

Mission

The marketing department's primary mission is to prepare students to be contributing members of organizations by providing an education focusing on the marketing function. We are dedicated to developing in our students problem-solving abilities that are firmly grounded in the arts and sciences and other business areas. We emphasize a personalized approach to education and promote the development of self-worth in our students. Our students will have an understanding of and appreciation for the global business environment and the social implications of business actions. We also recognize that specific technical skills are necessary to prepare students for entry into the workforce; therefore, our department will maintain an approach to education that is consistent with existing technologies and methods.

Bachelor of Business Administration in Marketing (B.B.A.)

Requirements:

- Completion of all general education requirements (see departmental program sheet for specific requirements in several areas).
- Completion of the business core courses.
- Completion of free electives, including physical education, to total a minimum of 122 semester hours.
- At least 16 semester hours of free electives must be in non-business courses.
- Completion of 24 SH in marketing as listed below.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Required (18 SH):

MKT 310 Consumer Behavior: Concepts, Research Methods and Applications

MKT 315 Advertising and Integrated Marketing Communications

MKT 333 Sales Management

MKT 415 Marketing Research: Methods and Applications

MKT 490 Marketing Management: Analysis, Planning and Implementation

And select two additional elective courses (6 SH):

MKT 322 Retailing Management

MKT 327 Direct/Interactive Marketing

MKT 380 Customer Relationship Management and Database Marketing
MKT 395 Advanced Advertising and Integrated Marketing Communications
MKT 398 Faculty Developed Study
MKT 399 Student Developed Study
MKT 411 E-commerce and Internet Marketing
MKT 412 Product Development and Management
MKT 422 Global Marketing
MKT 455 Business Marketing
MKT 480 Selected Topics in Marketing

Option in Interactive Marketing

The interactive marketing option was developed in cooperation with professional organizations and national businesses to provide career opportunities for our students in this large and growing field. Students will examine many aspects of interactive marketing including: managing creative and promotional processes, utilizing database technologies, developing and maintaining relationships with customers, and managing interactive marketing organizations in a globally and socially responsive manner. In addition to developing a knowledge of interactive marketing concepts and theory, students will gain applied experience through class projects and the recommended internship.

Required (24 SH):

MKT 310 Consumer Behavior: Concepts, Research Methods and Applications
MKT 315 Advertising and Integrated Marketing Communications
MKT 327 Direct/Interactive Marketing
MKT 380 Customer Relationship Management and Database Marketing
MKT 411 E-commerce and Internet Marketing
MKT 415 Marketing Research: Methods and Applications
MKT 490 Marketing Management: Analysis, Planning and Implementation

Recommended:

MKT 297 Interactive Marketing Internship

LEARNING OUTCOMES

A graduate of the marketing department should be able to develop a comprehensive marketing plan. According to the American Marketing Association a marketing plan is a document composed of the following elements and students should be able to:

- Perform an analysis of the current marketing situation
- Identify opportunities and threats in the business environment
- Develop quantified marketing objectives
- Develop viable marketing strategies
- Develop detailed action programs
- Develop projected or pro-forma income (and other financial) statements related to the plan

Minor in Marketing

A student may apply for the minor in marketing after the completion of 45 semester hours. Successful completion of the minor requires a GPA greater than or equal to 2.3 or better in all marketing courses.

Required (19 SH):

MKT 301 Principles of Marketing
MKT 310 Consumer Behavior: Concepts, Research Methods and Application

Marketing Communications Requirement

Select one of the following two courses:

MKT 315 Advertising and Integrated Marketing Communications
MKT 333 Sales Management

Also, select three marketing electives totaling nine semester hours. See previous section for a list of elective courses.

Note: The course not chosen to complete the marketing communications requirement may also be used as one of the three electives.

Minor in Business Administration

A non-business student may be accepted as an ASB minor. The student must have a 2.3 or better cumulative GPA.

The courses required for completion of the minor are:

ACC 201 Financial Accounting
FIN 310 Principles of Finance

JLA 240 Commercial Law
MGT 250 Organizational Behavior
MIS 260 Information Systems Concepts
MKT 301 Principles of Marketing

Students accepted for a business administration minor are expected to have completed all course prerequisites for the program. An average of 2.3 in all minor courses must be maintained to fulfill the requirements of the minor.

THE DIVISION OF JUSTICE AND LAW ADMINISTRATION

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G. Kain

Law Enforcement

M. Foley A. Markert

Legal Studies/Paralegal Option

C. Mullaney, *Chair* T. Dwyer

Criminology/Criminal Justice

K. Jordan F. Muska

Adjunct Faculty

C. Biddle	M. Deakin	T. Deakin
W. Defeo	D. Fuchs	M. Greenstein
M. Kain	J. Kendy	A. Land
S. Monks	T. Monks	R. Montgomery
M. Rieve	T. Schwartz	K. Sharpe
T. Spence	D. Sullivan	K. Zercie

Mission

The administration of justice and law in the United States today is as pervasive as the law itself. Accordingly, the mission of the Division of Justice and Law Administration (JLA) is to provide an integration of substantive and practical education in courses of study designed to prepare students for a variety of career choices in law, public service, social systems and private enterprises.

The division has as its primary purposes: A) to enhance the students' abilities to reason, to communicate in written and verbal form, and to engage in scholarship; B) to fulfill students' career goals in the areas of the administration of justice, the regulatory, protective or rehabilitative services, or the law-related professions; and C) to assist students in pursuing undergraduate and graduate level education in law, criminology, public administration, rehabilitation services, criminal justice and associated areas.

The Division of JLA offers the bachelor of science degree, the Master of Science in Justice Administration degree and numerous undergraduate and graduate elective course offerings.

Bachelor of Science in Justice and Law Administration (B.S.)

Requirements:

General Education	42 semester hours
JLA Core Courses	36 semester hours
JLA Specialty Option Courses	15 semester hours
Electives	32 semester hours
Total	125 semester hours

JLA Core Courses:

MIS 260 Information Systems Concepts
JLA 100 Introduction to Criminal Justice I
JLA 150 Introduction to Criminal Justice II
JLA/SOC 201 Criminology (Prereq: JLA 100 or SOC 100)
JLA/SOC 205 Juvenile Delinquency (Prereq: JLA 100 or SOC 100)
JLA 210 Criminal Law

JLA 240 Commercial Law
JLA 305 Justice and Law Administration I
JLA 310 Justice and Law Administration II
JLA/PS 322 Constitutional Law
JLA 400 Research Methodology in JLA (Prereq: MAT 120)
JLA 405 Research Seminar in Justice & Law Administration [Prereq: JLA 400, writing-intensive course (W)]

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Justice and Law Administration Options

Corrections, Probation, Parole and Offender Rehabilitation Option (15 SH)

Requirements:

JLA 312 Community Based Corrections
JLA 342 Correctional Counseling and Offender Rehabilitation
JLA 409 Addiction and Crime
Electives: 6 SH of JLA courses approved by JLA adviser

Law Enforcement Option (15 SH)

Requirements:

JLA 212 The Police and Social Order
JLA 300 Management Issues in Law Enforcement (Prereq: JLA 212)
JLA 323 Criminal Procedure and Process
Electives: 6 SH of JLA courses approved by JLA adviser

Legal Studies Option (15 SH)

Requirements:

JLA/WRT 321W Legal Writing, Research, & Analysis
JLA 323 Criminal Procedure and Process
JLA 408 Human Rights: With Liberty and Justice for All
Electives: 6 SH of JLA courses approved by JLA adviser

Paralegal Studies Program (24 SH)

Requirements:

JLA 245 Introduction to Civil Litigation
JLA 250 Family Law
JLA/FIN 318 Real Estate Law
JLA/WRT 321W Legal Writing, Research and Analysis
JLA 323 Criminal Procedure and Process
JLA 339 Torts
JLA 340 Wills, Estates, Trusts and Administration
JLA 349 Justice & Law Administration Practicum

Criminology Option (15 SH)

Requirements:

JLA/SOC 334 Organized Crime
JLA/SOC 336 White Collar Crime
JLA 410 Advanced Criminology

Plus two of the following:

JLA/WS 301 Women and Criminal Justice
JLA 345 Seminar on Violent Crime
JLA 347 Justice Issues in Domestic & International Terrorism
PSY 202 Abnormal Psychology
PSY 209 Social Psychology and the Law
SOC/ANT 330 Social and Cultural Theory

LEARNING OUTCOMES

A JLA graduate should be able to:

- Engage in scholarship that is relevant to the options within the JLA program
- Use quantitative, qualitative and critical thinking skills to analyze and propose solutions to practical problems in the areas of law, criminology, rehabilitation services, criminal justice, and associated areas.
- Demonstrate proficiency in the areas of written and oral communication

Minor in Division of Justice and Law Administration

To be accepted for the minor, a student must have an overall average of 2.3 or better. An average of 2.3 in all minor courses must be maintained to fulfill the requirements for the minor.

Requirements:

- JLA 100 Introduction to Criminal Justice I
- JLA 150 Introduction to Criminal Justice II
- JLA/PS 322 Constitutional Law
- Three JLA courses selected under the supervision of a JLA adviser

Additional Requirements of the Division of Justice and Law Administration

The Division of JLA is a unit of the ASB, yet because of its division status, it maintains some difference in its requirements from departments of the ASB. All requirements not delineated here are covered under the requirements of the ASB.

Admission to the Division of Justice and Law Administration

JLA adheres to the admission standards/requirements of the ASB.

Good Academic Standing and Graduation Requirement

In order to continue in good standing and graduate from the JLA Division and the ASB, a student must maintain a cumulative GPA of 2.3 or better.

The Division of JLA adheres strictly to the following policies of the ASB: academic probation and suspension, readmission to the ASB, other academic policies and course loads for full-time students.

ACCOUNTING

ACC 201 Financial Accounting 3 SH

This course is a study of the basic concepts and procedures utilized in the accounting process. Emphasis is on financial statements, recording processes, income determination, systems, and controls. Issues regarding the recognition, measurement, and presentation of assets, liabilities, and equity are studied in detail. Ethics will also be discussed and integrated within the course. Every semester. Summer session II and III. *Prerequisite:* MAT 098 or appropriate test score.

ACC 202 Managerial Accounting 3 SH

A basic study of the concepts of managerial accounting. Emphasis is placed on the cost-planning process, cost effectiveness, the evaluation tools available for performance measurement, and the budgeting process. Spreadsheet software will be used to prepare reports and analyze accounting data. Every semester. Summer Session II and III. *Prerequisite:* MAT 100, ACC 201 and MIS 260 or basic knowledge of spreadsheet software such as Excel, etc.

ACC 298 Faculty Developed Study 1–6 SH

ACC 299 Student Developed Study 1–6 SH

ACC 301 Intermediate Financial Accounting I 3 SH

An in-depth study of those intermediate accounting principles and practices used in financial recording and reporting. Following an extensive review of the fundamental processes, content emphasis is on the financial statements and current assets. Fall and spring semesters. *Prerequisite:* MAT 100, MIS 260 and C+ or better in ACC 201.

ACC 302 Intermediate Financial Accounting II 3 SH

This is a continuation of ACC 301, with coverage of the conceptual framework, fixed assets, intangibles, current and long-term liabilities, investments, and stockholders' equity. Fall and spring semester. *Prerequisite:* ACC 301.

ACC 303 Intermediate Financial Accounting III 3 SH

A continuation of Intermediate Financial Accounting I and II. The course includes study of leases, compensation, changes and errors, income taxes, the statement of cash flows, and derivatives. Fall and spring semesters. *Prerequisite:* ACC 302.

ACC 340 Business Law I 3 SH

A systematic presentation and discussion of the legal principles and concepts affecting business procedures and practices. Particular emphasis is given to the historical nature and role of law in torts, contracts and commercial paper. The Uniform Commercial Code and the major federal acts affecting the economics of business are reviewed. Fall semester only.

ACC 341 Business Law II 3 SH

Designed to develop student awareness of the legal rights and responsibilities of persons who are entrepreneurs as well as citizens. Presents topics on accountants' liability, securities regulation, agency, partnership, corporation, property, insurance and estates. A required course for students seeking to pass the law section of the Uniform Certified Public Accountancy Examination. Spring semester only. *Prerequisite:* ACC 340 or JLA 240.

ACC 361 Cost Accounting 3 SH

The continuing study of the control and distribution of cost within firms as an effective analytical tool to management in planning and controlling business operations. Fall semester only. *Prerequisite:* ACC 202 and MIS 260.

ACC 403 Federal Taxation 3 SH

A detailed analysis of tax law, rules and regulations as applied to small business corporations. Fall semester only. *Prerequisite:* ACC 302, GPA of 2.3 or higher.

ACC 404 Advanced Taxation 3 SH

A continuation of the content of ACC 403. This course intends to familiarize the student with tax problems encountered by such entities. Spring semester only. *Prerequisite:* ACC 403, GPA of 2.3 or higher.

ACC 405 Auditing 3 SH

A study of the accounting professional's responsibilities in connection with auditing situations. Emphasis is placed both on audit theory and the practical applications of auditing standards in a simulated audit. Fall semester only. *Prerequisite:* ACC 303, GPA of 2.3 or higher.

ACC 407 Consolidation, Governmental and Not-For-Profit Accounting 3 SH

The course examines how mergers and acquisitions are handled and how foreign subsidiaries' financial statements are either translated or re-measured into U.S. dollars. It further treats how governmental and not-for-profit entities account for sources and uses of resources. Fall semester. *Prerequisite:* ACC 302, GPA of 2.3 or higher.

ACC 410 Fraud Examination 3 SH

This course is designed to prepare students to identify, detect, and prevent financial fraud. The course covers the nature of fraud and the different types of fraud, including e-business fraud that is now possible in today's technological world. The course will also study the nature of fraud perpetrators, why they commit fraud, warning signals that fraud may occur, and effective ways to use technology to proactively search for fraud. Spring semester. *Prerequisite:* ACC 302, GPA of 2.3 or higher, Senior standing.

ACC 411 Valuation of Closely Held Businesses 3 SH

This course is designed to provide students seeking an understanding of the basics of business valuation with a comprehensive introduction to the theory and practice of determining the value of a non-publicly traded business entity or a fractional share of a non-publicly traded business entity. Alternate spring semesters. *Prerequisite:* Senior standing in accounting or finance or the equivalent, GPA of 2.3 or higher.

ACC 412 Valuation of Damages and Lost Profits 3 SH

This course is designed to provide students seeking an understanding of the basics of damage valuation with a comprehensive introduction to the theory and practice of determining the valuation of damages and lost profits arising from breach of contract,

commercial disputes, personal injury, wrongful death, and wrongful termination. Alternate spring semesters. *Prerequisite:* Senior standing in accounting or finance or the equivalent, GPA of 2.3 or higher.

FINANCE

FIN 100 Personal Finance 3 SH

Personal Finance emphasizes the overall personal financial planning process and other particular financial decisions within it. Topics covered include personal assets, liabilities, risk management, management of investments, retirement and estate planning.

FIN 230 Business Statistics 3 SH

This course is an applications-oriented study of basic statistical concepts and techniques. Focus is on the use of descriptive and inferential statistics as an aid to managerial decision-making and on computer-based analysis of data. Topics include charts and graphs, distributions, measures of central tendency and dispersion, probability, sampling, estimation, hypothesis tests, correlation, regression and time series. *Prerequisite:* MAT 100 or appropriate test score and MIS 260.

FIN 298 Faculty Developed Study 1–6 SH

FIN 299 Student Developed Study 1–6 SH

FIN 310 Principles of Finance 3 SH

An introduction to the field of business finance appropriate for the core requirements of the business curriculum. Emphasis is on the principles of financial management, with special attention given to the financial environment, financial decision making, leverage and risk. Similar attention is given to financial planning and working capital management. *Prerequisite:* ECO 100, ACC 201 and FIN 230.

FIN 316 Quantitative Methods in Finance 3 SH

This course will teach the fundamental quantitative and analytical methods necessary to understand and interpret contemporary financial information. The primary focus of the course is the use of quantitative methods to aid in the process of making sound financial decisions. This is an applications-oriented course which combines computer-based analytic methods with contemporary financial decision methods. *Prerequisite:* MAT 118 or MAT 133 or MAT 135 or MAT 181, FIN 230, FIN 310 with a minimum C grade and a GPA 2.3 or higher.

FIN 317 Fixed Income Securities 3 SH

This course reviews the basic and advanced bond pricing concepts and provides a complete coverage of the important features of fixed income securities. It introduces a few quantitative models of the term structure of interest rates and credit risk analysis. Students will learn to master the basic concepts of bond mathematics, yields, durations and convexity. They will also learn to develop skills to manage bond portfolios with interest rate risk under control. *Prerequisite:* FIN 310 with a minimum C grade and FIN 230 and a GPA 2.3 or higher.

FIN/JLA 318 Real Estate Law 3 SH

An in-depth study of current real estate issues as they relate to modern practice application including but not limited to zoning and partnership laws as well as federal and local tax considerations.

FIN 320 Financial Management 3 SH

To acquaint the student with the three major financial decisions of the firm: capital investments, capital structure and dividends. The student will develop a knowledge of these concepts through the study of a combination of selected cases, current events, theoretical readings and problems. *Prerequisite:* FIN 310 with a minimum C grade and a GPA 2.3 or higher.

FIN 330 Financial Decision Models 3 SH

The purpose of this course is to understand, apply and build up financial models to solve complex quantitative problems. This course will acquaint students with computer skills to develop spreadsheet models. It is designed to evaluate the applicability as well as limitations of certain financial models. These models will also be used to enhance our understanding of a particular theory or set of data. *Prerequisite:* FIN 230, FIN 320 and a GPA 2.3 or higher.

FIN 340 Investment Analysis and Portfolio Management 3 SH

Techniques that can be used to evaluate common stocks, preferred stocks, bonds, convertibles and options will be evaluated. Financial analysis and valuation of corporate securities will be covered in detail. Alternative strategies that can be used in the construction and management of common stock and fixed income portfolios will be evaluated. Portfolio theories will be analyzed in relationship to their applications for options and futures. *Prerequisite:* FIN 230, FIN 310 with a minimum C grade and a GPA 2.3 or higher.

FIN/ECO 360 Money, Banking and Capital Markets 3 SH

The purpose this course is to provide an overview of the US financial system and financial markets. The course examines the role and operation of the Federal Reserve System, its impact on financial markets and economic activity, and the flow of funds in and out of the banking system. It explores the determinants of interest rates, provides an overview of financial institutions, and discusses international banking and finance, exchange rates, and financial regulations. Current policy issues will be integrated throughout. *Prerequisite:* ECO 100, FIN 310 with a minimum C grade, GPA 2.3 or higher or permission of the instructor.

General Education: Social Sciences.

FIN 370 Financial Institutions 3 SH

The objective of this course is to familiarize the student with the various types of financial institutions within our economy, the operational functions they perform and their impact on the economy. The course addresses the unique operating characteristics of financial institutions focusing on their role on the economy, the products they provide, the regulations they face, their methods of managing risk, and methods for analyzing their performance. It will familiarize the students with the latest issues facing the financial sector and the institutions that operate there. Current policy issues will be integrated throughout. *Prerequisite:* FIN 310 with a minimum C grade and GPA 2.3 or higher or permission of the instructor.

FIN 486 Financial Engineering 3 SH

This course will study a variety of derivative securities including forwards, futures, swaps, options, and related products such as structured notes used in financial and corporate risk management and in creating solutions to financial problems. The course will

present both theory, especially pricing models, and applications focusing on the tools and techniques of financial risk management and financial engineering. Financial engineering applies methods and tools commonly used in engineering to financial problems, especially the pricing and hedging of derivative instruments. *Prerequisite:* FIN 310 with minimum C grade, FIN 230, MAT 118 or 133 or 135 or 181, and a GPA 2.3 or higher.

FIN/ECO 488 Multinational Financial Issues 3 SH

The objective of this course is to examine (1) the investment, (2) the financing and (3) the working capital management processes of a multinational firm within the context of market imperfections, foreign exchange risk, political risk, inflation, tax laws and accounting regulations. Within a theoretical framework, the course will emphasize a practical approach. *Prerequisite:* FIN 310 with a minimum C grade, FIN 360 and GPA 2.3 or higher or permission of instructor. ***General Education: Social Sciences.***

FIN 490 Cases in Managerial Finance 3 SH

Case problems confront students with the necessity of making decisions. The case histories covered in this course encourage students to bridge the gap between classroom study and business action. Specific areas include financing current operations, long-term financing, investment decisions and comprehensive case studies in the field of financial decision-making. *Prerequisite:* FIN 330, FIN 340 and FIN 360, and a GPA 2.3 or higher.

The following course also has been approved and is offered periodically:

FIN 400 Selected Topics in Finance

JUSTICE AND LAW ADMINISTRATION

JLA 100 Introduction to Criminal Justice I 3 SH

A survey of criminal justice agencies: their role, history and development in the criminal justice system. Every semester.

JLA 150 Introduction to Criminal Justice II 3 SH

An overview of the correctional process from its inception to modern times. Interactions between the community and the offender are examined and important developments in probation, parole, treatment, custody and institutional management are considered.

JLA/SOC 201 Criminology 3 SH

An analysis of criminal behavior and its causes in contemporary American society. *Prerequisite:* SOC 100 or JLA 100. *General Education: Social Sciences.*

JLA/SOC 205 Juvenile Delinquency 3 SH

An analysis of the problem of juvenile delinquency in contemporary society. The course considers research studies of delinquent youth, theories of delinquency, treatment and prevention and control and disposition of adjudicated delinquents. Problems of youth in a complex society, education, minority group status and youth gangs will also be discussed as they relate to the problem of delinquency. *Prerequisite:* SOC 100 or JLA 100. *General Education: Social Sciences.*

JLA 208 Forensics I 3 SH

This course introduces the student to the various areas of forensic science, including methods and techniques of evidence collection, crime scene examination and laboratory examination. Aspects covered include hair, fiber, body fluids, fingerprint, document, glass and soil analysis, firearms, photography, documentation and crime scene reconstruction.

JLA 210 Criminal Law 3 SH

An examination of the purposes and goals of criminal law, the historical development and structure of its basic concepts, and a review of the substantive laws of federal and state systems.

JLA 212 The Police and Social Order 3 SH

A study of the role of policing in modern society. This course examines the history of policing, the work of police officers, and how police organizations operate. The topics of discretion, police subculture, corruption and the use of force will also be examined. The course will look at policing as a career and at various local, state and federal police agencies. *Prerequisite:* JLA 100.

JLA 225 Principles of Security 3 SH

Techniques and practices that assist private commercial establishments, particularly large industrial plants and department stores, in minimizing losses through security control. Issues that will be covered are physical security, procedural controls, special problems such as business and industrial espionage, riots, shoplifting, and dishonest employees.

JLA 240 Commercial Law 3 SH

A one-semester introduction to the civil law of business and its regulation. Emphasis will be placed on the law of contracts. Students will examine court decisions and statutes which attempt to control commercial activities. Special attention will be given to the uniform commercial code.

JLA 245 Introduction to Civil Litigation 3 SH

A survey of the civil legal process with respect to the public and private sectors. This course will cover the enforcement of private rights and compensatory claims against individual parties. Specifically, the course will identify and analyze the following areas: torts, contracts, individual liability and domestic relations.

JLA 250 Family Law 3 SH

This course introduces the student to the historical background and the current civil law of the family in American society, focusing on the rights of women and children as they have emerged from the common law. The course examines the rights and liabilities of all members of the family, recent case decisions and statutes that affect and control these rights and liabilities, and possible future developments in these areas as the traditional family is modified and traditional family roles are altered.

JLA 260 Principles of Emergency Management & Homeland Security 3 SH

This course provides an overview of the characteristics, functions, and resources of the emergency management system and how various management services work together. Emphasis will be placed on how this system is applied to all hazards and at all levels of government. It includes the role of national, regional and local services in a variety of disasters. Focus is placed on U.S. policies, programs and agencies to address the hazard posed by international and domestic terrorism.

JLA 297 Cooperative Education 1–12 SH

JLA 298 Faculty Developed Study 1–6 SH

JLA 299 Student Developed Study 1–6 SH

JLA 300 Management Issues in Law Enforcement 3 SH

This course examines the various contemporary issues and problems confronting managers of American law enforcement organizations. Classroom study and discussion will assist students in developing their awareness of the relevant concerns, their appreciation of the differing perspectives and their ability to analyze the arguments and options. Specific examples from the field will be used. *Prerequisite:* JLA 212.

JLA/WS 301 Women and Criminal Justice 3 SH

This course explores issues surrounding women as offenders, victims, and criminal justice professionals. It investigates explanations for the involvement of women in illegal activities, analyzes the plight of battered women, rape victims, and other female victims, and examines the participation of women in law enforcement, judicial proceedings, corrections and law-making.

JLA 305 Justice and Law Administration I 3 SH

An analysis of the structure and processes common to all complex organizations, with specific focus on the organizations that

constitute the criminal justice system.

JLA 310 Justice and Law Administration II 3 SH

The essentials of personnel administration, including the fundamentals of supervision and leadership as applied to administration. Consideration of administrative problems such as recruitment, selection, human resource management, and discipline will be discussed.

JLA 311 Forensics II 3 SH

This course continues the study of the forensic sciences by offering an in-depth look at the many methods for collecting and analyzing physical evidence. Intended for advanced students, the course supplements classroom study with actual experiments to enable students to develop both the knowledge and the skills necessary to conduct crime scene examinations. *Prerequisite:* JLA 208.

JLA 312 Community-Based Corrections 3 SH

Covers the importance of community treatment programs for juveniles and adult offenders. The principles and philosophy of community treatment are explained as well as the nature of the community treatment agent's work. Major issues and trends in the field are examined.

JLA/FIN 318 Real Estate Law 3 SH

See FIN/JLA 318.

JLA/WRT 321W Legal Writing, Research and Analysis 3 SH

See WRT/JLA 321W.

JLA/PS 322 Constitutional Law 3 SH

An analysis of the basic principles of due process as enumerated in the Constitution and the Bill of Rights. A study of leading decisions of the United States Supreme Court and their impact on the administration of justice throughout our history, with particular emphasis on recent developments. *General Education: Social Sciences.*

JLA 323 Criminal Procedures and Process 3 SH

A survey of policies and problems involved in the criminal justice process and constitutional criminal procedure. Specific topics include an overview of the criminal justice process, the scope of the 14th Amendment, the right to counsel and the bill of rights of criminal defendants.

JLA 332 Contemporary Issues in Justice and Law Administration 3 SH

An examination of contemporary topics within the justice and law administration areas will be conducted. This course may be taken twice, upon permission of a JLA adviser, as long as the topic chosen is different each time taken.

JLA/SOC 334 Organized Crime 3 SH

Explores the types, causes and extent of organized and white-collar crime in America. The impact and cost to society as well as the methods of prevention and control are studied. *General Education: Social Sciences.*

JLA/SOC 336 White Collar Crime 3 SH

This course explores the types, the impact and the cost of white-collar crime, along with its theories of causation. Highlighted will be the approaches of cessation, containment and prevention utilized by private and public law enforcement organizations. *General Education: Social Sciences.*

JLA 339 Torts 3 SH

A general overview of the law of torts with emphasis on the law of civil injuries and litigation. Students will understand the relationship between civil wrongs and criminal law and examine the civil legal system from the perspective of tort law. Both theory and practice will be explored.

JLA 340 Wills, Estates, Trusts and Administration 3 SH

A general overview of the areas of estates, trusts, wills and probate administration with emphasis on descent and distribution, intestacy, probate courts, estate and gift tax returns.

JLA/MIS 341 Information Systems Security 3 SH

See MIS/JLA 341.

JLA 342 Correctional Counseling and Offender Rehabilitation 3 SH

This course will introduce students to the various theories and applications of counseling techniques which have been effectively employed in traditional correctional settings, as well as in alternative institutional treatment environments. Special focus and attention will be given to the study of the processes applied in treating the psychopathology of correctional clients.

JLA 347 Justice Issues in Domestic and International Terrorism 3 SH

This course defines and discusses terrorism. Terrorist groups in the United States and throughout the world are examined, including an up-to-date analysis of recent attacks. Discussion will focus on the history of terrorism from both a global perspective and as it relates to U.S. interests, the different ideologies and tactics of various terrorist groups, successes and/or shortcomings of the government's response to terrorism, constitutional issues that may arise in law enforcement's efforts to thwart terrorism, and preventive measures to reduce the chance of future terrorist attacks.

JLA 349 Justice & Law Administration Practicum 3-12 SH

Field experience in a justice and law administration related government or non-government organization. Each student is required to participate in at least 50 hours of practical work experience of every one hour of academic credit. Additional requirements include the submission of journals, a term paper, the student's review of the practicum experience and a review of the student's performance by the on-site practicum supervisor. *Prerequisite:* permission of the instructor.

JLA 360 Advanced Issues in Homeland Security 3 SH

This course examines various contemporary issues and problems confronting homeland security managers. Skills needed by homeland security managers shall be considered including: catastrophic preparation and response, risk assessment, intelligence analysis, and networks and systems. Organizational issues related to homeland security management shall be considered. Recent

and future trends in homeland security shall be discussed. *Prerequisite:* JLA 260

JLA 400 Research Methodology in Justice and Law Administration 3 SH

This course continues the basic knowledge of business statistics and applies it to a discussion of research in the justice and law administration area. Specific examples from the field will be used for analysis. *Prerequisite:* MAT 120.

JLA 405 Research Seminar in Justice and Law Administration 3 SH

In-depth consideration of criminal justice issues with individual student research culminating in the creation of a research paper. *Prerequisite:* JLA 400 and WRT 101.

JLA 408 Human Rights: With Liberty and Justice for All 3 SH

This course will explore current topics in the area of civil rights and liberties. It is intended to expose advanced students to current conflicting views, and will require critical thinking, writing and argument. Topics will vary from term to term.

JLA 409 Addiction and Crime 3 SH

This course will examine various psychological and chemical dependencies and the effects they may have on individuals who become involved in crime. The focus of this course is on chemical dependency (drug and alcohol abuse), but will include the study of gambling as an addiction, obsessive compulsive disorders and other control disorders. The correlation of these dependencies with crime and criminal behavior will be examined as well. Required course in the corrections concentration.

JLA 410 Advanced Criminology 3 SH

This course will be an in-depth examination of the major crime theories. Readings of the classic studies that are the bedrock of crime theory will be required. Students will be expected to apply their theoretical knowledge to modern-day crime and utilize advanced skills of logic and analysis to understand the formation of crime-control policy. *Prerequisite:* JLA 201 and a writing intensive course.

The following courses also have been approved and are offered periodically:

JLA 230 The Role of Regulatory Agencies in Criminal Justice

JLA 316 Juvenile Justice Management I

JLA 317 Juvenile Justice Management II

JLA 343 Mental Health of Justice Professionals

JLA 345 Seminar on Violent Crime

JLA 426 Conflict Resolution and Management

JLA 435 Labor Law and Legislation

MANAGEMENT

MGT 250 Organizational Behavior 3 SH

This course addresses the manner in which the operation of an enterprise affects and is affected by the interrelated behavior of its individuals, informal groups, organizations and administration. *Prerequisite:* PSY 100 and satisfaction of university's general education writing requirement.

MGT 251 Human Resources Management 3 SH

This course includes an examination of the following areas: HR planning and forecasting; recruitment, selection and placement; job evaluation and performance appraisal; wage, salary and benefit programs; equal employment opportunity; organizational safety and health; human resource communications; and managing a diverse work force. *Prerequisite:* MGT 250 and sophomore standing.

MGT 298 Faculty Developed Study 1–6 SH

MGT 299 Student Developed Study 1–6 SH

MGT 320 Operations Management 3 SH

Operations management is concerned with the management of the production function of organizations in which services and goods are produced. This management process is separated into the general areas of scheduling, quality, materials and methods. The course presents concepts and tools necessary for effective and efficient management of these areas, their strong interactions and their effects on employees. *Prerequisite:* FIN 230 and junior standing.

MGT 340 Total Quality Management 3 SH

The concepts, principles and tools known as Total Quality Management, used in organizations of all types to improve customer and consumer satisfaction, are covered. Content includes a discussion of quality systems in both production and service environments, quality management philosophies, and how managers can plan, organize and maintain quality of all functions of their organization. *Prerequisite:* MGT 250 and GPA 2.3 or higher.

MGT 345 Selected Topics in Management 1-6 SH

An examination of an issue, problem, field, methodology, or other subject currently emerging in the field of management. The specific topic will be announced at the time of offering. *Prerequisite:* permission of the instructor and GPA 2.3 or higher.

MGT 350 Management Negotiations 3 SH

This course will examine the theoretical explanations and practical applications of negotiation skills that are necessary to be an effective manager in a business or in a variety of other public and private organizations. The focus of the course will be on applied, experiential exercises in the form of role-plays, simulations, and case analyses. *Prerequisite:* MGT 250 and GPA 2.3 or higher.

MGT 353 Advanced Human Resource Management: Employee Acquisition 3 SH

This course focuses on developing skills in the areas of recruitment and selection for students choosing the human resources management option. MGT 353 is experiential in nature, and gives the students the opportunity to apply human resource management theory to actual situations faced by human resource managers. Topics include: human resource planning, recruitment, selection, job analysis, and compensation and benefits package formulation. *Prerequisite:* MGT 251 and GPA 2.3 or higher.

MGT 354 Advanced Human Resource Management: Employee Development 3 SH

This course focuses on developing skills and knowledge in the area of employee development for students choosing the human resources management option. This course is experiential in nature, and gives the student the opportunity to apply human resource management theory to actual situations faced by human resource managers. Topics covered include orientation and training, career development, performance appraisal, compensation, and benefits, and safety and health. *Prerequisite:* MGT 251 and GPA 2.3 or higher.

MGT 376 Managing People 3 SH

This course views managing as a set of processes focusing on the manager, those managed, and the work they do. The roles, skills, competencies, ethics and knowledge used by managers are emphasized. *Prerequisite:* MGT 250 and GPA 2.3 or higher.

MGT 377 Supply Chain Management 3 SH

This course emphasizes a strategic, integrated approach to managing supply of materials, services or information. Students will learn innovative, process-oriented methods of contributing effectively to the organization's goals and improving the company's competitive advantage in a changing, entrepreneurial and global business environment. *Prerequisite:* MGT 320 and GPA 2.3 or higher.

MGT 405 Small Business Entrepreneurship 3 SH

This course addresses entrepreneurship as it relates to initiating new business ventures. Special attention is given to developing workable ideas, funding, marketing and structuring new ventures as they support the development of a formal business plan. Entrepreneurial activities within large business organizations are also highlighted. *Prerequisite:* ACC 202, FIN 310, MKT 301 and GPA 2.3 or higher.

MGT 406 Small Business Management 3 SH

This course will prepare students to lead and manage in a small business environment. Special attention will be given to operating small businesses in the early stages of their existence. The role of small business in the economy will also be reviewed. *Prerequisite:* MGT 405 or permission of the instructor and GPA 2.3 or higher.

MGT 410 Current Issues in Management 3 SH

This senior level seminar is an integrative examination of topics of current interest to managers. The course presentation will utilize case studies, current literature, student research papers, student presentations and/or outside speakers to achieve its purpose. *Prerequisite:* senior standing and GPA 2.3 or higher.

MGT 415 Strategic Management 3 SH

The strategic management process is employed to formulate, implement and evaluate strategies in a variety of organizations under conditions of uncertainty. This capstone course emphasizes multidisciplinary approaches to complex organizational problems. The development of mission statements, SWOT analysis, the assessment of alternative courses of action, and the affective coupling of strategy and structure are also covered in detail. *Prerequisite:* senior standing and GPA 2.3 or higher.

The following courses also have been approved and are offered periodically:

MGT 102 Introduction to Business

MGT/PS 202 Introduction to Public Administration

MANAGEMENT INFORMATION SYSTEMS

MIS 155 Business Information Technology 3 SH

This course emphasizes an understanding and use of information technology in business organizations. Topics include: interactions with operating systems; fundamentals of electronic mail; and introductions to presentation tools, word processing, spreadsheets, database management systems, the Internet, and time scheduling/management applications.

MIS 260 Information Systems Concepts 3 SH

This course provides students with the information systems fundamentals necessary to operate effectively in a computerized business environment. The course provides an overview of the components, operations, and roles of information systems in business environments. Major concepts and recent developments in computer hardware, software, telecommunications, and database management technologies are presented, and the strategic, global, and ethical dimensions of information systems are discussed.

MIS 280 COBOL I 3 SH

An introduction to COBOL programming and its use in solving common business-oriented data processing problems.

Prerequisite: MIS 260.

MIS 281 COBOL II 3 SH

Advanced elements of COBOL programming are covered in depth, including file processing, table handling, subprogramming and database concepts. *Prerequisite:* MIS 280.

MIS 298 Faculty Developed Study 1–6 SH

MIS 299 Student Developed Study 1–6 SH

MIS 300 Data Analysis and Integration Software 3 SH

This course is designed to give the student experience in using integrated software in a business environment. The emphasis will be on gaining experience developing and writing integrated software technology. *Prerequisite:* MIS 260.

MIS 301 Database Applications in Business 3 SH

This course is designed to give the student experience in using database software in a business environment. The course will focus on the microcomputer environment, utilizing software such as Access. The emphasis will be on gaining experience in developing and writing database programs in accounting, personnel, inventory, purchasing and many other business applications.

Prerequisite: MIS 260 or permission of instructor.

MIS 311 Business Models 3 SH

An introduction to business and industrial planning and decision making through the use of computer simulations and modeling. A case study approach will be used. *Prerequisite:* FIN 230 and MIS 260.

MIS/JLA 341 Information Systems Security 3 SH

This course addresses both the behavioral and technological issues of information systems security. Topics include: physical protection, hardware and software controls, encryption techniques, network and telecommunications security, microcomputer security, viruses, computer security legislation, contingency planning and disaster recovery. *Prerequisite:* CS 140 or CS 143 or CS 170 or MIS 260.

MIS 345 Selected Topics in Business 3 SH

An examination of an issue, problem, field, methodology, or other subject currently emerging in the business administration literature. The specific topic will be announced at the time of offering. *Prerequisite:* permission of the instructor.

MIS 361 Information Assurance 3 SH

This course examines both offensive and defensive information security practices using scenarios and case studies. Topics include: social engineering, corporate espionage, destruction and modification of data, control and disruption of information flow, electromagnetic signal interception, denial of service, cryptography, authentication methods, access controls, firewalls, intrusion detection systems, and risk assessment. *Prerequisite:* MIS/JLA 341.

MIS 385 Fundamentals of Data Communications 3 SH

The course is intended for the student who has a basic understanding of MIS and the need to complement this background with a fundamental knowledge of data communications. The course focuses on understanding the alternatives in hardware, software and transmission facilities, putting that understanding to work by making informed decisions, and integrating and implementing these decisions into a cohesive data communication system design. *Prerequisite:* MIS 260.

MIS 386 Decision Support Systems 3 SH

An analysis of the highest level of information support systems which serve the manager user. These systems provide quantitative-based information derived from one or more databases within and/or external to an organization and are used to aid managers in the decision making process. Theoretical concepts will be applied to real-world applications with an analysis of examples from specific organizations. *Prerequisite:* MIS 260.

MIS 389 Information Systems Hardware 3 SH

This course is intended to expose students to the hardware side of MIS. Hardware technology is currently several generations ahead of the software industry. As a result, a good foundation in hardware, as it relates to supplying current and future business solutions, is essential to the well-rounded MIS professional. Students will engage in hands-on activities related to hardware. Current hardware technology, its history, and its future will be discussed. Discussion of costs and planning for expansion will all be covered, as well as issues such as upgrade vs. replacement and total cost of ownership. How to stay current with hardware will also be covered. *Prerequisite:* MIS 260.

MIS 405 Business Applications Using Microcomputers 3 SH

This course presents commonly used microcomputer software packages as a tool for the business user. Packages, including spreadsheets and database software, will span the business disciplines, including marketing, finance, accounting, employee

relations and manufacturing. A review of BASIC programming language topics, necessary for these applications, is included. *Prerequisite:* ACC 201, MIS 260 and senior standing.

MIS 475 Management of Information Systems and Information Technology 3 SH

This course integrates the managerial, technical, strategic planning, control concepts and techniques necessary for the management of information systems and information technology in MIS organizations. This course links the technical knowledge, concepts and tools covered in the MIS courses with the relevant organizational and managerial considerations emphasized in the other disciplines. The systems approach will be emphasized. The informational needs of various organizational functions are integrated with information systems through the information system's master plan. Administration and policy are applied to the specific areas of information systems management. The role of IS management in the development of computer-based information systems is also covered. *Prerequisite:* MIS 260, one MIS elective, senior standing and GPA 2.3 or higher.

MIS 481 Management Information Systems 3 SH

This course provides students with the information systems fundamentals necessary to do systems analysis and design. The course provides an overview of the components of systems analysis and design in business environments and the effects of business processes on the systems. Students will do a system study including studying an old system and documenting a new or revised version of the old system. Students will be required to present their new system proposal. Fall semester. *Prerequisite:* MIS 280 and 260 or equivalent and GPA 2.3 or higher.

MIS 495 Seminar in Management Information Systems 3 SH

The seminar is the capstone course for the computer systems analysis in business concentration. The systems approach is used to integrate systems theory, the organization and system and the role of the total systems approach encompassing the entire organization. The course covers the techniques for the use of computers in both decision making and information processing. Spring semester. *Prerequisite:* MIS 481, senior standing and GPA 2.3 or higher.

The following courses also have been approved and are offered periodically:

MIS 302 Management Control Systems

MIS 320 Systems Simulation

MARKETING

MKT 297 Marketing Internship

MKT 301 Principles of Marketing 3 SH

This course provides students with an understanding of marketing systems and their role within the global economy and individual organizations. The course examines how goods and services are planned, priced, promoted and distributed in order to mutually satisfy customer wants and organizational objectives. *Prerequisite:* Sophomore standing.

MKT 310 Consumer Behavior: Concepts, Research Methods and Applications 4 SH

Consumer behavior is the study of the buying units (e.g., people, family, businesses, organizations, etc.) and the exchange processes involved in acquiring, consuming, and disposing of goods, services, experiences and ideas. Concepts and research methods from marketing and the social and behavioral sciences are applied to describing and understanding decision processes in the context of the global marketplace. Students will examine how marketers use consumer data to make decisions about product development, service, promotion, pricing and distribution channels. This course provides students with an opportunity to explore and apply concepts from the perspectives of the marketer, the consumer and society in general. *Prerequisite:* Junior standing, MKT 301 and FIN 230 (or another basic statistics course) and GPA 2.3 or higher.

MKT 315 Advertising and Integrated Marketing Communications 3 SH

A first course in advertising and integrated marketing communication. Taking a managerial perspective, the course examines the role of both conventional and direct/interactive marketing communications in the functioning of the global business organization. Ethical and social issues are also explored. *Prerequisite:* Junior standing and GPA 2.3 or higher.

MKT 327 Direct/Interactive Marketing 3 SH

Direct marketing is also known as interactive marketing, database marketing and direct response marketing. New technologies such as mobile communication devices, interactive television, and new Internet applications are fueling its growth. This introductory course for the interactive marketing option uses applications for the theories and fundamentals of marketing and direct marketing. *Prerequisite:* Junior standing and MKT 301 and GPA 2.3 or higher.

MKT 333 Sales Management 3 SH

The management approach is applied to an analysis of the sales executive's job, the duties and responsibilities involved, and the planning and implementation of sales and marketing programs. *Prerequisite:* Junior standing and MKT 301 (or permission of instructor) and GPA 2.3 or higher.

MKT 380 Customer Relationship Management and Database Marketing 3 SH

Customer Relationship Management (CRM) is a customer-centric strategy and process to optimize revenues and profits while increasing the value of an organization's offering to customers. In particular, databases are examined as a way of maintaining measurable, mutually beneficial relationships with customers. The course will focus on database strategy, database technologies and analysis techniques and the ways in which they support marketing and enterprise-wide CRM programs. This course also examines global, ethical and social issues in CRM and marketing database development. *Prerequisite:* MKT 301, MIS 260 and FIN 230 or MAT 120, or another statistics course by permission of the instructor; GPA 2.3 or higher.

MKT 398 Faculty Developed Study 3 SH

Prerequisite: GPA 2.3 or higher.

MKT 399 Student Developed Study 1–6 SH

Prerequisite: GPA 2.3 or higher.

MKT 411 E-commerce & Internet Marketing 3 SH

The Internet is rapidly expanding as a commercial medium used by marketing professionals to further organizational goals. This course examines the commercial use of the Internet and analyzes this use in the context of marketing strategy, consumer behavior, advertising, customer service and other business concerns. The course focuses on those activities and strategies that make Internet marketing different from, and more than, developing Web pages. Topics include the development of effective communications strategies, selling strategies, website development approaches, content strategies, privacy, security, legal issues, political issues, social implications, and ethical concerns. *Prerequisite:* MIS 260, MKT 301, Junior standing and GPA 2.3 or higher.

MKT 415 Marketing Research: Methods and Applications 4 SH

Marketing research is the systematic and objective process of generating information to aid in making marketing decisions. This process includes specifying what information is required, designing the method for collecting information, managing and implementing the collection of data, analyzing the results, and communicating the findings and their implications. *Prerequisite:* Senior standing, MKT 301, FIN 230 (or another basic statistics course); GPA 2.3 or higher.

MKT 422 Global Marketing 3 SH

This course examines the organizations, strategies and programs of global marketing. Students will gain a global perspective of marketing various goods and services in both the consumer and business-to-business markets. Emphasis will be on the cultural, economic, political/legal, social, technological and ethical aspects of global marketing. Using a marketing planning model, students will examine global marketing situations, objectives, strategies and marketing programs for both large and small businesses. *Prerequisite:* Senior standing, MKT 301; GPA 2.3 or higher.

MKT 490 Marketing Management: Analysis, Planning & Implementation 4 SH

This is the capstone course for all marketing majors and serves to consolidate and strengthen the student's knowledge of marketing processes and practices. The marketing planning process is the foundation for the course and students will apply planning processes and practices to situations in real organizations. The course will cover strategy development through to program implementation and control. Emphasis will be placed on the collection, analysis and proper utilization of marketing data. Various types of marketing organizations in both consumer and business markets will be examined including those in direct/interactive marketing, service industries and multi-channel marketers. The course will also examine global, societal and ethical issues and the role of marketing in not-for-profit organizations. *Prerequisite:* GPA 2.3 or higher. This course must be

taken after all other marketing courses required for the completion of the marketing degree, or concurrently with the completion of the remaining marketing courses in the marketing major.

The following courses also have been approved and are offered periodically:

MKT 322 Retailing Management

MKT 395 Advanced Advertising and Integrated Marketing Communications

MKT 412 Product Development and Management

MKT 455 Business Marketing

MKT 480 Selected Topics in Marketing

SCHOOL OF ARTS & SCIENCES

OVERVIEW

DEPARTMENTS

Biology & Environmental Sciences
Chemistry
Communication
Computer Science
English
History
Mathematics
Philosophy
Physics, Astronomy & Meteorology
Psychology
Social Sciences
World Languages & Literature
Writing, Linguistics & Creative Process

DEGREE PROGRAMS

BACHELOR OF ARTS

BA American Studies
BA Anthropology/Sociology
BA Biology
BA Chemistry
BA Communication
BA Computer Science
BA Earth and Planetary Sciences
BA Economics
BA English
BA History
BA Mathematics
BA Media Arts
BA Political Science
BA Professional Writing
BA Psychology
BA Social Sciences
BA Spanish

Contract Major

BACHELOR OF SCIENCE

BS American Studies
BS Anthropology/Sociology
BS Biology
BS Chemistry
BS Earth Science
BS English
BS History
BS Mathematics
BS Meteorology
BS Political Science
BS Social Sciences
BS Spanish

ASSOCIATE IN SCIENCE

AS Liberal Arts

Air Force Reserve Officers Training Corps (AFROTC)
Pre-Professional Options

COURSES

African-American Studies
American Studies
Anthropology
Arabic
Astronomy

Biology
Chemistry
Chinese
Communication
Computer Science
Earth Science
Earth and Planetary Sciences
Economics
English
Environmental Studies
French
Geography
German
Hebrew
History
Honors
Humanistic Studies
Italian
Latin
Linguistics
Mathematics
Medical Technology
Meteorology
Non-Western Cultures
Philosophy
Physics
Political Science
Portuguese
Psychology
Reserve Officers Training Corps (ROTC)
Social Sciences
Sociology
Spanish
Women's Studies
World Languages
Writing, Linguistics & Creative Process

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Mission and Objectives

The School of Arts and Sciences offers 38 major programs and options leading to the bachelor's degree. Fields of concentration include American studies, biology, chemistry, communication, computer science, economics, earth and planetary sciences, English, history, mathematics, meteorology, political science, professional writing, psychology, sociology/ anthropology, and Spanish. An associate's degree in the liberal arts is available. Minor programs allow students to follow interests beyond their major, including such interdisciplinary fields as broadcast journalism, digital media, women's studies, international studies, multi-cultural studies, religion studies and urban studies. The School offers pre-professional programs in a number of fields, including medicine, dentistry, and law.

The School of Arts and Sciences has a three-fold mission:

- Provide a strong general education for all students at the university and academic support for students in professional programs;

- Provide bachelor's and master's programs of high quality for students who seek a degree in the arts and sciences;
- Provide lifelong learning opportunities for nontraditional students seeking new knowledge and career skills.

The School of Arts and Sciences plays a central role in the education of every student at the university. It serves students of diverse interests and needs from many different segments of the community. The arts and sciences faculty believe that teaching is an art. Their highest priority is to help students learn.

UNDERGRADUATE DEGREE PROGRAMS

Associate in Science

A.S.-Liberal Arts

Bachelor of Arts

BA- American Studies

B.A.-Anthropology/Sociology

Option:
Applied Studies

BA-Biology

Options:
Biology
Bioscience
Ecological Science

BA-Chemistry

Options:
Biochemistry–ACS Approval
Biochemistry
Biotechnology

B.A.-Communication

Options:
Communication Studies
Relational Communication

B.A.-Computer Science

B.A.-Contract Major

B.A.-Earth and Planetary Sciences

B.A.-Economics

Option:
Applied Studies

B.A.-English

B.A.-History

B.A.-Mathematics

Option:
Computer Science

B.A.-Media Arts

Options:
Media Production
Media Studies

B.A.-Political Science

B.A.-Professional Writing

Options:
Business Writing
Creative Writing
General Writing
Journalism & Freelance
Public Relations

B.A.-Psychology

B.A.-Social Sciences

Options:
Anthropology/Sociology Studies
Family Studies
Global Studies
Multicultural Studies

B.A.-Spanish**Bachelor of Science****B.S.-Contract Major****B.S.-Meteorology**

The School of Arts and Sciences supports the bachelor of science (BS), elementary and secondary education, through course content in the following areas:

Elementary Education

American Studies
Anthropology/Sociology
Biology
Communication
English
History
Mathematics
Political Science
Psychology
Social Sciences
Spanish

Secondary Education

Biology
Chemistry
Earth Science
English
History
Mathematics
Social Sciences
Spanish

See School of Professional Studies for more information on the Education degree programs.

Admissions

Please refer to the department area in this catalog for specific admission procedures and requirements, or contact the Office of University Admissions at (203) 837-9000.

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S. Maskel	T. Philbrick	T. Pinou
S. Sidoti	E. Wong	

Overview

The programs in the Department of Biological and Environmental Science provide students with the background required to succeed in a wide variety of fields such as cell and molecular biology, medicine, environmental science and education. A core of science courses provides a solid foundation in biology while electives allow students to pursue their special interests. All biology majors conduct independent research under the supervision of a faculty mentor.

Mission

The programs in the Department of Biological and Environmental Sciences provide students from diversified backgrounds with the conceptual and technical knowledge for careers in biology, environmental science, teaching, medical technology, and prepare them for graduate programs and careers in the health sciences. Electives at Western allow students to pursue special interests, and all biology majors conduct independent research under the supervision of a faculty mentor. The Department also provides service courses to support the education of students in other majors.

Objectives

To accomplish this mission, the Department of Biological and Environmental Sciences:

- Prepares students for successful careers related to biology by training them for advanced responsibilities in research, education, industry and other biology-related fields
- Provides up-to-date courses supporting student needs
- Integrates undergraduate research with faculty research projects
- Provides a variety of general education and service courses to the student body
- Promotes faculty research and professional contributions that advance the biological and environmental sciences, teaching pedagogy and support regional needs, including science education

DEGREE PROGRAMS IN BIOLOGICAL AND ENVIRONMENTAL SCIENCES

Bachelor of Arts in Biology

Options:

Biology
Ecological Sciences
Bioscience

Bachelor of Science in Biology

Secondary Education: Biology
Elementary Education: Concentration in Biology

Minor Program

Biology

Bachelor of Arts in Biology (B.A.)

Requirements:

All degree programs require the completion of general education requirements, the specified courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science. To contact

the department, call (203) 837-8791.

Biology Major

This option is for students planning to continue their education in either graduate school or professional school, such as medical, dental, veterinary, etc. It also will prepare students for entry level positions, such as a laboratory technician in the pharmaceutical industry.

Required Courses:

BIO 103, 104 General Biology I & II

BIO 200 Ecology

BIO 205 or 207 Animal or Plant Physiology

BIO 300 Cell Biology

BIO 312 Genetics

BIO 325 Evolutionary Biology

BIO 360 Scientific Communication

BIO 480 Group Senior Research *or* BIO 490 Senior Research

CHE 110, 111 General Chemistry I & II

CHE 210, 211 Organic Chemistry I & II

Biology electives – Two courses approved by the department (7-8 SH.). Math or science electives – 14 SH approved by the department.

Yearly Plan of Suggested Courses – MAJOR COURSES ONLY

Freshman Year

Fall Semester

BIO 103 General Biology I

CHE 110 General
Chemistry I

Spring Semester

BIO 104 General Biology
II

CHE 111 General
Chemistry II

Sophomore Year

Fall Semester

BIO 200 Ecology

CHE 210 Organic
Chemistry I

Spring Semester

BIO 205 Animal
Physiology

CHE 211 Organic
Chemistry II

Junior Year

Fall Semester

BIO 312 Genetics

Biology Elective

Spring Semester

BIO 300 Cell Biology

BIO 325 Evolutionary
Biology

BIO 360 Scientific
Biology

Senior Year

Fall Semester

BIO 480 Group Senior
Research

or BIO 490 Senior Research

Spring Semester

Biology Elective

***Note:** The Secondary Education – Biology (B. S.) Option is the same suggested BIO sequence, except there are **NO** Biology electives.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Bioscience Option

For students who are not planning to continue their biology education after undergraduate school and who wish a course of study with less emphasis on physical science.

Required Courses

BIO 103, 104 General Biology I & II

BIO 200 Ecology

BIO 205 or 207 Animal or Plant Physiology

BIO 310 or 311 Vertebrate Embryology or Developmental Biology

BIO 312 Genetics

BIO 325 Evolutionary Biology

BIO 360 Scientific Communication

BIO 480 Group Senior Research *or* BIO 490 Senior Research
CHE 110, 111 General Chemistry I & II
Biology electives —Courses approved by department. (7-8 SH)
Math or science electives —12 SH approved by department.

Yearly Plan of Suggested Courses – MAJOR COURSES ONLY

Freshman Year

<i>Fall Semester</i>	<i>Spring Semester</i>
BIO 103 General Biology I	BIO 104 General Biology II
CHE 110 General Chemistry I	CHE 111 General Chemistry II

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
BIO 200 Ecology	BIO 205 Animal Biology Biology Elective

Junior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
BIO 312 Genetics	BIO 325 Evolutionary Biology
BIO 310 Vertebrate Embryology or BIO 311 Developmental Biology	BIO 360 Scientific Communication

Senior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
BIO 480 Group Senior Research or BIO 490 Senior Research	Biology Elective

Ecology Option:

This option is for students who are interested in ecology and environmental biology and who wish to either work or attend graduate school in that field.

Required Courses:

BIO 103, 104 General Biology I & II
BIO 200 Ecology
BIO 205 or 207 Animal or Plant Physiology
BIO 216 General Microbiology
BIO 312 Genetics
BIO 320 or 450 or 460 Conservation, Population or Ecosystem Ecology
BIO 325 Evolutionary Biology
BIO 360 Scientific Communication
BIO 480 Group Senior Research *or* BIO 490 Senior Research
CHE 110, 111 General Chemistry I & II
MAT 115 or 120 Biostatistics or Elementary Statistics
23-24 SH in science and math, including at least three biology courses and three physical science/math courses from the list approved by the department.

Yearly Plan of Suggested Courses – MAJOR COURSES ONLY

Freshman Year

<i>Fall Semester</i>	<i>Spring Semester</i>
BIO 103 General Biology I	BIO 104 General Biology II
CHE 110 General Chemistry I	CHE 111 General Chemistry II

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
BIO 200 Ecology	BIO 205 Animal Physiology
Physical Science <i>or</i> Math	Physical Science <i>or</i> Math

Elective

Elective

Junior Year

Fall Semester

BIO 312 Genetics

BIO 320 Conservation *or* BIO
450 Population *or* BIO 475
Climate Ecology
Biology Elective

Spring Semester

BIO 325 Evolutionary
Biology

BIO 360 Scientific
Communication

Senior Year

Fall Semester

BIO 480 Group Senior Research
or BIO 490 Senior Research
Biology Elective

Spring Semester

Biology Elective

Bachelor of Science in Secondary Education – Biology (B.S.)

Requirements:

See the Department of Education and Educational Psychology within the School of Professional Studies.

***Note:** The Secondary Education – Biology (B. S.) Option is the same suggested BIO sequence as the Biology option, except there are **NO** Biology electives.

Bachelor of Science in Elementary Education – Biology (B.S.)

Requirements:

See the Department of Education and Educational Psychology within the School of Professional Studies.

Yearly Plan of Suggested Courses – BIOLOGY COURSES ONLY

Freshman Year

Fall Semester

BIO 103 General Biology I

Spring Semester

BIO 104 General Biology II

Sophomore Year

Fall Semester

BIO 200 Ecology

Spring Semester

BIO 205 Animal Physiology
Biology Elective

Junior Year

Fall Semester

BIO 312 Genetics

BIO 310 Vertebrate
Embryology
or BIO 311 Developmental
Biology

Spring Semester

BIO 325 Evolutionary Biology

BIO 360 Scientific
Communication

Senior Year

Fall Semester

BIO 480 Group Senior
Research
or BIO 490 Senior Research

Spring Semester

Biology Elective

***NOTE:** This is the same as the Bioscience Option without CHE 110/111 in the first year.

LEARNING OUTCOMES

At the completion of their degrees in Biological & Environmental Sciences:

1. Students will be able to understand and apply the scientific method to answer questions about natural phenomena.
2. Students will be able to communicate their understanding of basic scientific concepts in presentation and writing.
3. Students will be well-prepared for careers in biology related fields as well as post-graduate opportunities.

Minor in Biology

At least 18 SH of biology courses* including:

BIO 103, 104 General Biology, I & II

or BIO 110 The Animal World & BIO 111 General Botany

At least 6 SH of biology courses at or above the 200-level

Additional biology courses to total at least 18 semester hours.

*BIO 100 Concepts of Biology will not count towards the minor; BIO 105, 106 Anatomy & Physiology I & II will count if both courses are taken. Students electing to minor in Biology should consult with the department chairperson for course selection. (A minimum of one-half of all semester hours in the minor must be taken at Western. Students must attain a minimum GPA of 2.00 for the courses taken at Western.)

CHEMISTRY

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Faculty

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Y. Mei-Ratliff	M. Rajabzadeh	A. Roberts
P. Secondo, Assoc. Chair	R. Selzer, Chair	Y. Yen

Adjunct Faculty

C. Hickey-Williams	J. DeVito	T. DiGaetano
M. Malin	R. Merrer	L. Passaro

Overview

The Department of Chemistry offers the chemical training necessary for allied health areas such as medical technology and nursing. The chemistry program and the biochemistry option are both accredited by the American Chemical Society.

Mission

Consistent with the university's mission to serve as an accessible, responsive and creative intellectual resource for the people and institutions of Connecticut, the Department of Chemistry endeavors to provide a thorough, modern education in chemistry that is tailored to the individual student's background and career objectives. The chemistry major and the biochemistry option are both accredited by the American Chemical Society.

Objectives

To accomplish this mission, the Department of Chemistry:

- Continues to offer our students the highest quality undergraduate programs in chemistry and biochemistry.
- Emphasizes laboratory techniques throughout the undergraduate curriculum to develop students' synthetic, analytical, instrumental and computational skills.
- Provides laboratory experiences using modern instrumentation and data reduction methods.
- Provides a personalized learning environment through faculty mentored undergraduate research opportunities and cooperative education research.
- Prepares students for graduate education in the sciences, the health professions and other fields of interest.
- Assists students in discerning appropriate careers through diligent advising.
- Provides chemical training necessary for nursing, community health and medical technology students.
- Fosters the growth and development of faculty through research, attendance at professional meetings, and publication and presentation of scholarly work.
- Continues to collaborate with chemical industry professionals in the tri-state area to support professional growth of faculty as well as research opportunities for the students.
- Expresses its strong commitment to public service by collaborating with regional elementary, junior and senior high school educators to promote science education. Assesses entering students' backgrounds in math and science to place students in appropriate chemistry courses.

DEGREE PROGRAMS IN CHEMISTRY

Bachelor of Arts

Chemistry, ACS approved
Chemistry
Chemistry with Biochemistry Option, ACS approved
Chemistry with Biochemistry Option
Chemistry with Biotechnology Option

Bachelor of Science

Secondary Education: Chemistry

Minor Program

Chemistry

Bachelor of Arts in Chemistry (B.A.)

Requirements:

The courses listed below and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science.

CHE 110, 111 General Chemistry I & II (placement exam required)
CHE 205 Analytical Chemistry Lecture
CHE 206 Analytical Chemistry Laboratory
CHE 210, 211 Organic Chemistry I & II
CHE 250 Chemistry Seminar (two semesters minimum)
CHE 300, 301 Physical Chemistry I & II
CHE 311 Inorganic Chemistry
CHE 400 Instrumental Analysis Lecture
CHE 401 Instrumental Analysis Laboratory
CHE 297 Cooperative Education in Chemistry (Cooperative Research in Chemistry)
or CHE 330 Senior Research in Chemistry plus one advanced chemistry or math elective (ACS Approved)
PHY 110, 111 General Physics I & II
MAT 181 Calculus I
MAT 182 Calculus II
Senior Presentation

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

The following is a suggested per semester sequence of courses. However, due to the diversity of the backgrounds of students, we encourage careful consultation with the program adviser for the selection of the program which best suits the student's needs.

Freshman Year

Fall Semester

CHE 110 General Chemistry I
(Placement exam required)
MAT 181 Calculus I

Spring Semester

CHE 111 General Chemistry II
MAT 182 Calculus II

Sophomore Year

CHE 210 Organic Chemistry I	CHE 211 Organic Chemistry II
PHY 110 General Physics I	PHY 111 General Physics II
CHE 205 Analytical Chemistry Lecture	CHE 250 Chemistry Seminar
CHE 206 Analytical Chemistry Lab	

Junior Year

CHE 300 Physical Chemistry I	CHE 301 Physical Chemistry II
CHE 311 Inorganic Chemistry <i>or</i> *Advanced Elective	*Advanced Elective
	Chem 250 Chemistry Seminar

Senior Year

*CHE 330 Sen. Research in Chemistry <i>or</i> *CHE 297 Cooperative Education	CHE 400 Instrumental Analysis Lecture CHE 401 Instrumental Analysis Lab Senior Presentation
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*If CHE 297 (12 S.H.) is chosen, no advanced elective is required; if CHE 330 is chosen, the advanced elective shall be one of the following:

MAT 281 Calculus III
MAT 282 Ordinary Differential Equations
MAT 272 Introduction to Linear Algebra
CHE 415 Medicinal Chemistry
CHE 420 Advanced Topics in Organic Chemistry
CHE 421 Biochemistry Lecture I
CHE 438 Molecular Biochemistry of Nucleic Acids

Biochemistry Option

As an alternative to the chemistry program, the department also offers a program with a concentration in biochemistry, leading to a bachelor of arts degree.

Requirements for the Bachelor of Arts with an option in biochemistry (ACS approved) are completion of all general education requirements, the courses listed below, and additional free electives to total a minimum of 122 semester hours including exercise science and foreign language.

CHE 110, 111 General Chemistry I & II (placement exam required)
CHE 205 Analytical Chemistry Lecture
CHE 206 Analytical Chemistry Laboratory
CHE 210, 211 Organic Chemistry I & II
CHE 250 Chemistry Seminar
CHE 297 Cooperative Education in Chemistry (Cooperative Research in Chemistry)
or CHE 330 Senior Research in Chemistry plus one advanced chemistry or biology elective
CHE 300, 301 Physical Chemistry I & II
CHE 311 Inorganic Chemistry (ACS approved)*
CHE 421, 422 Biochemistry Lecture I & II
CHE 431 Biochemistry Laboratory
BIO 103, 104 General Biology I & II
PHY 110, 111 General Physics I & II
MAT 181 Calculus I
MAT 182 Calculus II
Senior Presentation

Suggested sequence of major courses:

Freshman Year

Fall Semester

CHE 110 General Chemistry I
BIO 103 General Biology I
MAT 181 Calculus I

Spring Semester

CHE 111 General Chemistry II
BIO 104 General Biology II
MAT 182 Calculus II

Sophomore Year

CHE 210 Organic Chemistry I
PHY 110 Physics I
CHE 250 Chemistry Seminar

CHE 211 Organic Chemistry II
PHY 111 Physics II

Junior Year

CHE 205 Analytical Chemistry Lecture
CHE 206 Analytical Chemistry Lab
CHE 421 Biochemistry Lecture I

CHE 250 Chemistry Seminar
CHE 422 Biochemistry Lecture
CHE 431 Biochemistry Lab

*Advanced Elective

Senior Year

CHE 300 Physical Chemistry I
CHE 330 Senior Research Senior Presentation
or
CHE 297 Cooperative Education in Chemistry

CHE 301 Physical Chemistry II

*If CHE 297 (12 SH) is chosen, no advanced elective is required; if CHE 330 is chosen, the advanced elective shall be one of the following:

CHE 311 Inorganic Chemistry (required for ACS approved degree)
CHE 320 Clinical Biochemistry
CHE 400 Instrumental Analysis Lecture
CHE 415 Medicinal Chemistry
CHE 420 Advanced Topics in Organic Chemistry
CHE 438 Molecular Biochemistry of Nucleic Acids
BIO 300 Cell Biology
BIO 310 Vertebrate Embryology

Biotechnology Option

The department offers an interdisciplinary program option in biotechnology. Requirements for the Bachelor of Arts with an

option in biotechnology are completion of all general education requirements, the courses listed below and additional free electives to total a minimum of 123 semester hours including exercise science and foreign language.

Suggested sequence of major courses:

Freshman Year

Fall Semester

CHE 110 General Chemistry I

BIO 103 General Biology I

MAT 181 Calculus I

Spring Semester

CHE 111 General Chem. II

BIO 104 General Biology II

MAT 182 Calculus II

Sophomore Year

CHE 210 Organic Chemistry I

BIO 312 Genetics

CHE 205 Analytical Chemistry Lecture

CHE 211 Organic Chemistry II

BIO 216 General Microbiology

CHE 206 Analytical Chem Lab

Junior Year

PHY 110 Physics I

CHE 421 Biochemistry Lecture I

BIO 321 Immunology

PHY 111 Physics II

CHE 431 Biochemistry Lab

BIO/CHE 440 Molecular Biology

Senior Year

CHE 305 Biophysical Chemistry

BTE 300 Biotechnology Sem.
Analysis Lecture

BIO or CHE Elective (s)

CHE 400 Instrumental Analysis
Lecture

CHE 401 Instrumental Analysis
Laboratory

BIO 411 Cell Culture Methods

BIO or CHE Elective(s)

Senior Presentation

Bachelor of Science in Secondary Education—Chemistry (B.S.)

Requirements:

See the Department of Education and Educational Psychology within the School of Professional Studies.

LEARNING OUTCOMES

AT THE COMPLETION OF THEIR DEGREE IN CHEMISTRY:

- 1. STUDENTS WILL DEMONSTRATE A PROFICIENCY IN A MAJORITY OF THE SIX MAIN BRANCHES OF CHEMISTRY (INCLUDING: GENERAL CHEMISTRY; ORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY; BIOCHEMISTRY; INORGANIC CHEMISTRY AND PHYSICAL CHEMISTRY).**
- 2. STUDENTS WILL DEMONSTRATE COMPETENCE IN THE USE OF PRACTICAL CHEMICAL LABORATORY SAFETY, TECHNIQUES AND SKILLS.**
- 3. STUDENTS WILL DEMONSTRATE THE ABILITY TO UTILIZE SCIENTIFIC LITERATURE IN ACADEMIC AND INDEPENDENT RESEARCH.**
- 4. STUDENTS WILL DEMONSTRATE THE ABILITY TO CLEARLY DISSEMINATE SCIENTIFIC INFORMATION IN A WRITTEN FORMAT.**
- 5. STUDENTS WILL DEMONSTRATE THE ABILITY TO CLEARLY DISSEMINATE SCIENTIFIC INFORMATION IN A VERBAL FORMAT.**

MINOR IN CHEMISTRY

TWENTY SEMESTER HOURS OF CHEMISTRY COURSES DISTRIBUTED AS FOLLOWS: CHE 110, CHE 111, CHE 210 AND EITHER CHE 205-206 OR CHE 300 AND AN ADDITIONAL COURSE FROM THE FOLLOWING LIST: CHE 205-206, CHE 211, CHE 300, CHE 301 OR CHE 311.

COMMUNICATION & MEDIA ARTS

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Faculty

K. Wiss, Chair	J.C. Barone	J. Brower
J. Eckstein	T. Keys	K. Lever-Mazzuto
W. Petkanas	K. Saunders	D. L. Stephenson

Overview

The Department of Communication employs a variety of resources designed to help students improve their ability to participate in and evaluate the communication process. The department's curriculum provides a balance of theory and practice that can be applied to personal relationships, business, media and other communication environments.

Students who major in communication or media arts prepare for graduate studies or careers directly related to: small group interaction in settings such as social service agencies and corporations; media use, creation, performance, analysis and criticism; and related fields that require public speaking and application or analysis of interpersonal and public speaking skills.

Mission

Consistent with the University's mission to serve as an accessible, responsive and creative intellectual resource for the people and institutions of Connecticut, the Communication Department endeavors to provide a state-of-the-art education in communication theory that is designed to meet students' background and career objectives.

Objectives

To accomplish this mission, the Department of Communication:

- Offers high-quality undergraduate courses and programs in communication and media theory including digital media production, media studies, public communication and relational communication.
- Emphasizes development of the four modes of communication (speaking, listening, writing, and reading) as well as media production techniques throughout the undergraduate curriculum to enhance students' ability to understand and create appropriate, creative and effective interaction and media.
- Provides a personalized learning environment for students through faculty-mentored undergraduate research projects, video productions, and internships.
- Prepares students for graduate education in media arts, communication and related fields.
- Assists students in identifying appropriate classes, learning opportunities and careers through attentive advising.
- Fosters the growth and development of faculty and their students through supporting research, attendance at professional meetings, and presentation and publication of scholarly work.
- Collaborates with media-industry professionals in the tri-state area to support professional growth of faculty as well as internship opportunities for students.

Student Standing

To be in *Good Academic Standing* in the major, Communication and Media Arts students must maintain an overall GPA of 2.0, as well as a 2.5 average in courses used to satisfy major requirements. Courses with grades lower than "C" will not be accepted as meeting the requirements for the major, although they may be used for free electives credit.

Lambda Pi Eta

The department sponsors a chapter of Lambda Pi Eta (LPH), the National Communication Honors Society. As an organization, LPH recognizes, fosters and rewards outstanding scholastic achievement in the field of communication. To qualify, students must be full-time communication majors and have earned 60 credits with at least 12 in communication. They must also have a minimum 3.25 GPA in communication courses and a 3.0 overall GPA. Students must demonstrate commitment to the field. Students may contact the department chair for more information.

Alpha Epsilon Rho

The department sponsors a chapter of Alpha Epsilon Rho (AERho), the Honors Society of the National Broadcasting Society. AERho enhances the development of students and entry level professionals involved in electronic media. To qualify, students

must have earned 45 credits with 9 in communication courses. They must also have a minimum 3.25 GPA in communication courses and a 3.25 overall GPA. Students may contact the department chair for more information.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

DEGREE PROGRAMS IN COMMUNICATION

Bachelor of Arts

Communication

Options:

Communication Studies
Relational Communication

Media Arts

Options:

Media Production
Media Studies

Bachelor of Science

Elementary Education

Minor Programs

Communication
Broadcast Journalism

BACHELOR OF ARTS IN COMMUNICATION (B.A.)

Requirements:

Students must complete all general education requirements, the courses and credits listed below by option and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science.

Option I: Communication Studies

COM 110 Sight, Sound & Motion or
COM 190 Introduction to Mass Communication
COM 205 Communication Environments
COM 219 Ethical Responsibility in Human Communication
COM 290 Communication Theory
COM 390 Research Methods in Communication
COM 495 Senior Thesis

Five courses in any of the following areas; no more than one at the 100-level: 1. Media Production, 2. Media Studies, 3. Rhetoric, Language & Public Address, 4. Relational Communication.

Option II: Relational Communication

COM 205 Communication Environments and/or COM 210 Non-Verbal Communication and/or COM 212 Effective Listening (for a total of 6 credits)
COM 200 Language and Communication
COM 219 Ethical Responsibility in Human Communication
COM 290 Communication Theory
COM 390 Research Methods in Communication
COM 420 Readings in Interpersonal Communication
COM 495 Senior Thesis
Five courses (15 SH) in major electives from approved list

BACHELOR OF ARTS IN MEDIA ARTS (B.A.)

Students must complete all general education requirements, the courses and credits listed below by option, and additional free electives to total a minimum of 122 semester hours, including foreign language and physical education.

Requirements:

COM 110 Sight, Sound & Motion
COM 146 Basic Video Production
COM 230 History of Mass Media
COM 270 Fundamentals of Radio Broadcasting
COM 271 Exploring the Film
COM 290 Communication Theory
COM 390 Research Methods in Communication
COM 495 Senior Thesis
15 credits of Major Electives (Production or Media Studies)

BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION AND COMMUNICATION (B.S.)

Education students fulfill the requirements for Option I: Communication Studies and the requirements for certification in elementary education. They are not required to take a foreign language or meet the waiver requirements.

LEARNING OUTCOMES

At the completion of their degrees in Communication and Media Arts:

1. Students will demonstrate knowledge of major theories relating to communication in its various contexts (e.g., video/film, media, public address, personal relationships, small groups, and organizations).
2. Students will demonstrate ability to recognize and generate questions, reflect on research findings, and suggest modifications to hypotheses and/or theories.
3. Students will demonstrate ability to research, understand, summarize and evaluate professional (academic) literature.
4. Students will demonstrate ability to design and complete independent research project in the area of communication, media studies or media production.
5. Students will demonstrate ability to present ideas clearly in both oral and written format
6. *And for those completing the B.S. in Elementary Education:* Students will demonstrate ability to apply communication theory and skills in the elementary school classroom.

MINOR IN COMMUNICATION

Eighteen semester hours in communication which must include at least 12 semester hours above the 100 level. Emphasis may be on communication, radio, television and film.

MINOR IN BROADCAST JOURNALISM

WRT 270W News Writing

WRT 333W The Editorial Environment

COM 243 Broadcast Writing

COM/THR 252 Acting for the Camera

COM 270 Fundamentals of Radio Broadcasting

One 300- or 400-level writing course from among the following:

WRT 340W Public Relations Writing

WRT 335W Fact-Based Opinion Writing

WRT 338W Writing About Specialized Subjects

WRT 442W Publication Design and Development

WRT 490W Internship/Practicum

Sample Four-Year Sequence Communication Major Options

Notes:

- See Catalog section on Foreign Language Requirements to determine how language classes count.
- Free electives in the junior and senior year are often used for professional internships.

Communication Studies Option

FIRST YEAR

Fall Semester (15 SH)

COM 162 Communication Skills

COM 110 Sight, Sound & Motion
or COM 190 Intro. to Mass

Communication

General Education – Humanities

General Education

Social/Behavioral Sci

WRT 101 or Free Elective

Spring Semester (15 SH)

Major Elective (concentration area)

COM 290 Communication Theory

General Education

Social/Behavioral Science

General Education Math, Computer

Science

MAT 100 or Free Elective

SOPHOMORE YEAR

Fall Semester (15 SH)

Spring Semester (17 SH)

COM 205 Communication Environments	COM 219 Ethical Issues in Communication
COM 290 Communication Theory	Major Elective (concentration area)
General Education Social/Behavioral Science	General Education HPX Fitness for Life
General Education Math, Computer Science	2nd Semester Language or General Education-Humanities or Free Elective
1st Semester Language or General Education-Humanities or Free Elective	Free Elective
	Free Elective

JUNIOR YEAR

<i>Fall Semester (16)</i>	<i>Spring Semester (15)</i>
COM 390 Communication Research	Major Elective (other area)
Major Elective (concentration area)	Major Elective (other area)
General Education-Humanities	General Education Math, Computer Science or Natural Science
General Education Natural Sciences with Lab	General Education-Humanities or Free Elective
Free Elective	Free Elective

SENIOR YEAR

<i>Fall Semester (15)</i>	<i>Spring Semester (15)</i>
COM 495 Senior Thesis	General Education Social/Behavioral Science
Free Elective	Free Elective
Free Elective	Free Elective
Free Elective	Free Elective
Free Elective	Free Elective

Relational Communication Option

FIRST YEAR

<i>Fall Semester (15)</i>	<i>Spring Semester (15)</i>
COM 162 Communication Skills course	COM Major Elective
MAT 100 or General Education Math, Computer Science	COM Major Elective
General Education Social & Behavior Sciences	General Education Humanities (W) or Free Elective
WRT 101 or General Education Humanities WI course	General Education Social & Behavioral Sciences
Free Elective	General Education Math/Computer Science or Free Elective

SOPHOMORE YEAR

<i>Fall Semester (15)</i>	<i>Spring Semester (17)</i>
COM 205 Communication Environments or COM 210 Nonverbal Communication	COM 200 Language and Communication
COM 219 Ethical Responsibility in Human Communication	COM 290 Communication Theory
General Education Social & Behavioral Sciences	General Education Social & Behavioral Sciences
1st Semester Language or General Education-Humanities or Free Elective	General Education HPX Fitness for Life (2 SH)
Free Elective	2nd Semester Language or General

Education-Humanities or Free
Elective
Free Elective

JUNIOR YEAR

Fall Semester (16)

COM 212 Effective Listening

COM 390 Research Methods in
Communication

General Education Humanities

General Education Natural
Sciences (with lab)

Free Elective

Spring Semester (15)

COM 420 Readings in
Interpersonal Communication

COM Major Elective

General Education Math, Computer
Science or Natural Science *or* Free
Elective

General Education-Humanities *or*
Free Elective

Free Elective

SENIOR YEAR

Fall Semester (16)

COM Major Elective

Free Elective

Free Elective

Free Elective

Free Elective

Spring Semester (15)

Free Elective

Free Elective

Free Elective

Free Elective

COM 495 Senior Thesis

Sample Four-Year Sequence Media Arts Major

- Media Studies Option and Media Production Option First Year

Fall Semester (16)

COM 110 Sight, Sound & Motion
General Education Communication
Skills

WRT 101 *or* General Education
Humanities WI Course

MAT 100 *or* General Education
Math/Computer/Science

General Education Social &
Behavioral Sciences

Spring Semester (15)

COM 146 Basic Video Production
General Education Humanities W –
Writing Intensive Course

General Education Social &
Behavioral Sciences

General Education
Math/Computer/Science *or* Free
Elective

Free Elective

SOPHOMORE YEAR

Fall Semester (15)

COM 230 History of Mass Media
Major Elective

1st Semester Language *or* General
Education Humanities

General Education
Math/Computer/Science *or* Free
Elective

General Education Social &
Behavioral Sciences *or* Free
Elective

Spring Semester (17)

COM 271 Exploring the Film

COM 290 Communication Theory

Major Elective

General Education HPX Fitness for
Life

Free Elective

JUNIOR YEAR

Fall Semester (16)

COM 270 Fundamentals of Radio
Broadcasting

Major Elective

General Education Humanities

Spring Semester (17)

COM 390 Research Methods in
Comm

General Education Social &
Behavioral Sciences

Major Elective

General Education
Math/Computer/Science (Lab)
Free Elective

Free Elective
Free Elective

SENIOR YEAR

Fall Semester (15)

COM 495 Senior Thesis
Major Elective
Free Elective
Free Elective
Free Elective

Spring Semester (14)

Free Electives

COMPUTER SCIENCE

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Chair

T. Ivanov

W. Joel

Adjunct Faculty

R. Morgan

J. Rosco

F. Zarnowski

Overview

The Bachelor of Arts in Computer Science (CS) degree is designed to meet the needs of students interested in software development. It can accommodate students who plan to enter the profession directly from college or who plan to continue with graduate study. The program is continuously revised to keep it up to date. The department recommends that all computer science majors pursue a minor in some field.

Mission

Consistent with the university's mission of being an accessible, responsive, and creative intellectual resource for the people and institutions of Connecticut, the department's mission is to offer a broad and up-to-date curriculum that provides students with a comprehensive foundation that permits graduates to adapt to new technology and new ideas.

Goals

To accomplish this mission the Department of Computer Science emphasizes the following:

1. **Technical understanding of Computer Science:** Graduates will have a mastery of Computer Science as described in the Body of Knowledge of the current ACM/IEEE Computing Curricula.
2. **Common themes and principles:** Graduates will understand a number of recurring themes, such as abstraction, complexity, and evolutionary change, and a set of general principles, such as sharing a common resource, security, and concurrency, and will recognize that these themes and principles have broad application to the field of computer science and are not relevant only to the domains in which they were introduced.
3. **The interplay between theory and practice:** Graduates will understand the interplay between theory and practice and how theory and practice influence each other.
4. **System-level perspective:** Graduates will be able to think at multiple levels of detail and abstraction. They will be able to recognize the context in which a computer system may function, including its interactions with people and the physical world.
5. **Problem-solving skills:** Graduates will be able to apply the knowledge they have gained to solve real problems. They will realize that there are multiple solutions to a given problem and that selecting among them is not a purely technical activity, as these solutions will have a real impact on people's lives. Graduates will be able to communicate their solution to others, including why and how a solution solves the problem and what assumptions were made.
6. **Project experience:** Graduates will have been involved in at least one substantial software development project, requiring evaluation of potential solutions, work on a larger scale, integration of modules, and providing opportunities to develop their interpersonal communication skills.
7. **Commitment to life-long learning:** Graduates will realize that the computing field advances at a rapid pace and that they must continue to learn and adapt their skills throughout their careers. To develop this ability, students will be exposed to multiple programming languages, tools, and technologies as well as the fundamental underlying principles throughout their course of study.

DEGREE PROGRAMS IN COMPUTER SCIENCE

Bachelor of Arts in Computer Science

Minor Programs

Computer Science
Digital Media
Informatics
Security
Web Development

Bachelor of Arts in Computer Science (B.A.)

Requirements:

Students must complete all general education requirements (see program sheet for details), the course and credits listed below and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science. A GPA of 2.5 or better is required in the CS major and math courses for graduation.

Required Courses:

CS 170 Computer Science I: Language
CS 171 Computer Science II: Data Structures
CS 205 Data Modeling and Database Design
CS 215 Computer Architecture
CS 240 Computer Organization & Software
CS 315 Design and Analysis of Algorithms
CS 350 Object Oriented Software Engineering
or CS 305 Database Applications Engineering
or CS 360 Distributed Applications Engineering
CS 355 Programming Languages
CS 450 Operating Systems
MAT 120 Elementary Statistics
CS/MAT 165 Introductory Discrete Mathematics
MAT 181 Calculus I
CS/MAT 359 Introduction to Theory of Computation
Twelve semester hours of approved computer science electives

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

The following is a per-semester sequence of courses. However, due to the diversity of student backgrounds, students must consult with their faculty adviser to select the program sequence which best fits their needs. Students with relatively little programming experience should take CS 140 or CS 143 in their freshman year.

Freshman Year

<i>Fall Semester</i>	<i>Spring Semester</i>
CS 140 or CS 143	CS 170
MAT 133 or MAT 170	MAT 165

Sophomore Year

CS 171	CS 215
CS 205	CS 240
MAT 181	MAT 120

Junior Year

CS 315	CS 350 or CS305 or CS 360
CS Elective	CS Elective
Lab science	Lab science

Senior Year

CS 450	CS Elective
CS 355	CS/MAT 359

LEARNING OUTCOMES

At the completion of their degrees in Computer Science students will demonstrate:

1. Mastery of Computer Science as described in the current ACM/IEEE Computing Curricula.
2. The ability to identify and use recurring computer science themes and principles and determine their relevance in multiple contexts.
3. Understanding of the interplay between theory and practice in computer science.
4. The ability to think at a system-level.
5. Strong problem-solving skills.
6. The ability to communicate solutions and strategies to others.

MINOR IN COMPUTER SCIENCE

Sixteen semester hours are required:

CS 170 Computer Science I
CS 171 Computer Science II
CS 215 Computer Architecture
CS 240 Computer Organization and Software

MINOR IN DIGITAL MEDIA

Sixteen to 18 semester hours are required:

CS 170 Computer Science I *or* CS 250 Advanced Topics in Programming with JAVA *or* CS 144 Advanced Visual Basic
ART 108 Design I
ART 111 Drawing I
CS 235 Digital Media
CS 330 Computer Graphics
CS 340 Computer Animation *or* ART 152 Photography I *or* ART 327 Digital Design *or* ART 328 Illustration III/Animation Production

MINOR IN INFORMATICS

Fifteen to 16 semester hours are required:

CS 170 Computer Science I *or* CS 250 Advanced Topics in Programming with JAVA *or* CS 144 Advanced Visual Basic
CS 205 Database Modeling and Database Design
CS 215 Computer Architecture
CS 270 Computers in Society

MINOR IN SECURITY

Fourteen to 15 semester hours are required:

CS 166 Intro to Unix
CS 170 Computer Science I *or* CS 250 Advanced Topics in Programming with JAVA *or* CS 144 Advanced Visual Basic
CS 240 Computer Organization and Software
MIS/JLA 341 Information Systems Security

MINOR IN WEB DEVELOPMENT

Fifteen to 16 semester hours are required:

CS 110 Website Production
CS 170 Computer Science I *or* CS 250 Advanced Topics in Programming with Java *or* CS 144 Advanced Visual Basic
CS 205 Database Modeling and Database Design
CS 245 Web Applications Development

ENGLISH

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Faculty

M. Chappell, Chair	D. Gagnon	A. Govardhan
H. Levy	M. Murray	I. Pruss
S. Qi	M. Sullivan	C. Usekes

Overview

Courses in the Department of English prepare students for success in a wide variety of careers. In literature, authors examine the challenges of human existence, and readers participate by discussing and writing about what makes texts and their ideas important and pertinent to new generations. We consider the English degree to be the “degree for life” because English courses develop three skills needed in any field:

1. The ability to read analytically
2. The ability to think critically
3. The ability to write clearly

These skills are developed by close reading of literary texts and by exploring their personal and historical contexts. The English degree prepares students to enter fields where knowledge of texts, critical thinking, and written and oral communication are vital.

Mission

The English department at Western Connecticut State University seeks to promote the university’s mission by providing students with a high-quality education in English language and literature. We are committed to developing students’ powers of critical thinking, analysis, and writing as well as knowledge of important texts, contexts, traditions, and modern developments. We believe students who complete any of the department’s programs will be prepared to compete vigorously in the global marketplace and to pursue a variety of career paths or to seek further education.

As a department, our goals are to:

- develop and maintain a solid curriculum in language and literature that stimulates student curiosity, rewards critical engagement, and is central to a valuable liberal arts education;
- emphasize critical reading and writing as an integral component of success in our program, our university, and beyond;
- build a community of scholars, professionals, and life-long learners and help initiate students in the profession(s) through regular events, faculty-student collaborative projects, and opportunities to tutor and to assist in the teaching of language and literature courses in the department;
- encourage and support research, scholarship, and professional achievement that advance the field of study and enhance the programs and visibility of the university at large;
- encourage interdisciplinary and interdepartmental initiatives to augment the intellectual vitality of the department and of the university and to help students develop an integrated approach to learning; and
- serve the community through event programming and collaborative projects and to serve as a resource to local schools and other public institutions.

Alpha Lambda Epsilon

The department sponsors Alpha Lambda Epsilon, a local chapter of Sigma Tau Delta, the International English Honor Society. Sigma Tau Delta’s central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate and professional studies. Candidates for undergraduate membership must have completed at least three semesters of college work and a minimum of two college courses in English language or literature beyond the usual requirements in freshman English. Members must also have a minimum 3.0 grade point average in English and rank at least in the highest 35 percent of their class in general scholarship. Students may contact the department chair for more information on becoming a member of Alpha Lambda Epsilon.

DEGREE PROGRAMS IN ENGLISH

Bachelor of Arts

English
American Studies

Bachelor of Science

English (Literature): Secondary Certification
English (Literature): Elementary Certification
English (Teaching of Writing Option): Elementary Certification
American Studies: Elementary Certification

Minor Program

Literature

Students may major in the department as follows:

BACHELOR OF ARTS IN ENGLISH (B.A.) (ALSO AVAILABLE EVENINGS)

Requirements:

Students must complete all general education requirements, the courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including two writing intensive courses (W), foreign language and exercise science. Students must have an overall GPA of 2.0 or better in courses used to satisfy the major requirements. Applicants to the literature program with 45 or more credits must have 2.0 cumulative GPA and 2.0 in major courses. Seniors with 3.0 overall GPA and 3.0 GPA in the major can take graduate courses for 400-level credit.

Required Courses:

ENG 130W English Seminar
ENG 209 American Literature to 1865
ENG 210 American Literature from 1865
ENG 211 English Literature to 1798
ENG 212 English Literature from 1798
ENG 213 Classics of Western Literature
ENG 307W Shakespeare I *or* ENG 308W Shakespeare II
ENG 315 Critical Theory
ENG 470 Senior Seminar
One 200-level literature course
Three 300-level literature courses
Three 400-level literature courses

Note: ENG 429 Children's Literature and ENG 430 Literature for Adolescents may not be used toward the English major.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

DEGREE PROGRAMS IN AMERICAN STUDIES

Bachelor of Arts: American Studies

Bachelor of Science: American Studies–Elementary Certification

BACHELOR OF ARTS IN AMERICAN STUDIES (B.A.)

This degree provides students with knowledge of the diverse ethnic societies which together comprise the United States of America. Students will graduate with a strong knowledge of America's history, its people and its diverse cultures.

Requirements:

Students must complete all general education requirements, the courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including exercise science and foreign language. Students must have an overall GPA of 2.0 or better in courses used to satisfy the major requirements.

Required Courses:

ENG 209 American Literature to 1865
ENG 210 American Literature from 1865
ENG 348 Early American Literature *or*
ENG 349 American Literature of Identity 1820-1920
AS/ENG/HIS/SS 217 The American Dream
HIS 148 American History to 1877
HIS 149 American History since 1877

ANT/SOC 350 Modern and Post-modern Societies
AS 400 American Studies Seminar
3 expansion courses (9 credits from approved list of expansion courses)
1 connection course (an American-oriented course selected in consultation with the student's AS adviser)

BACHELOR OF SCIENCE IN SECONDARY EDUCATION – WITH MAJOR IN ENGLISH (LITERATURE) (B.S.)

Requirements:

The department's programs in the literature major may be combined with secondary certification. Students must complete all general education requirements, 35 hours in professional education coursework, the courses and credits listed below, and additional free electives to total a minimum of 125 semester hours, including exercise science and foreign language. Students must have an overall GPA of 3.0 or better in English courses used to satisfy the major requirements. Applicants to the literature program with 45 or more credits must have 3.0 cumulative GPA and 3.0 in major courses. Seniors with 3.0 overall GPA and 3.0 GPA in the major can take graduate courses for 400-level credit. Students must pass Praxis I (or receive a waiver) and Praxis II before they are eligible to enter the Professional Development Semester. See School of Professional Studies for further information on education courses and application requirements.

Required Courses:

ENG 130W English Seminar
ENG 209 American Literature to 1865
ENG 210 American Literature from 1865
ENG 211 English Literature to 1798
ENG 212 English Literature from 1798
ENG 213 Classics of Western Literature
ENG 276 English Language Skills
ENG 307W Shakespeare I or ENG 308W Shakespeare II
ENG 315 Critical Theory
WRT 347W Teaching Writing in the Schools – High School
ENG 430 Literature for Adolescents
ENG 470 Senior Seminar
One 300-level literature course
One 400-level literature course

BACHELOR OF SCIENCE – ELEMENTARY CERTIFICATION WITH MAJOR IN ENGLISH (LITERATURE) (B.S.)

Requirements:

The department's programs in the literature major may be combined with elementary certification. Students must complete all general education requirements, 38 hours in professional education coursework, the courses and credits listed below, and additional free electives to total a minimum of 125 semester hours, including exercise science and foreign language. Students must have an overall GPA of 3.0 or better in English courses used to satisfy the major requirements. Applicants to the literature program with 45 or more credits must have 3.0 cumulative GPA and 3.0 in major courses. Seniors with 3.0 overall GPA and 3.0 GPA in the major can take graduate courses for 400-level credit. Students must pass Praxis I (or receive a waiver) and Praxis II before they are eligible to enter the Professional Development Semester. See School of Professional Studies for further information on Education courses and application requirements.

Required Courses:

ENG 209 American Literature to 1865 & ENG 210 American Literature from 1865
or ENG 211 English Literature to 1798 & ENG 212 English Literature from 1798
ENG 213 Classics of Western Literature
ENG 276 English Language Skills
ENG 307W Shakespeare I or ENG 308W Shakespeare II
WRT 337W Teaching Writing in the Schools – Elementary and Middle Schools
ENG 429 Children's Literature
ENG 470 Senior Seminar
One 200-level literature course
Three 300-level literature courses
One 400-level literature course

BACHELOR OF SCIENCE – ELEMENTARY CERTIFICATION WITH MAJOR IN ENGLISH (TEACHING OF WRITING OPTION) (B.S.)

Requirements:

Students must complete all general education requirements, 38 hours in professional education coursework, the courses and

credits listed below, and additional free electives to total a minimum of 125 semester hours, including exercise science and foreign language. Students must have an overall GPA of 3.0 or better in English courses used to satisfy the major requirements.

Required Courses:

English (15 SH)

ENG 209 American Literature to 1865 & ENG 210 American Literature from 1865
or ENG 211 English Literature to 1798 & ENG 212 English Literature from 1798
ENG 276 English Language Skills
ENG 307W Shakespeare I *or* ENG 308W Shakespeare II
ENG 429 Children's Literature

Teaching of Writing Option (24 semester hours)

WRT 242W Poetry Workshop
WRT/THR 244W Playwriting Workshop
WRT 270W News Writing
WRT 271W Human Interest Writing
WRT 335W Fact-Based Opinion Writing
WRT 337W Teaching Writing in the Schools-Elementary and Middle Schools
One additional writing course
WRT 465W Thesis Project
Writing Portfolio Requirement

BACHELOR OF SCIENCE IN AMERICAN STUDIES – ELEMENTARY CERTIFICATION (B.S.)

Requirements:

The major requirements are the same as those for B.A. in American Studies. In addition to the course requirements for the academic major listed above, students must complete 38 hours in professional education coursework. See School of Professional Studies for further information on education courses. Students must have an overall GPA of 3.0 or better in courses used to satisfy the major requirements.

LEARNING OUTCOMES

At the completion of their English degrees, students should be able to:

1. Read texts with an appreciation of their cultural, historical, and literary contexts
2. Analyze texts from various critical perspectives
3. Write essays that develop critical readings of text-based subjects
4. Incorporate secondary research in the writing of essays
5. Articulate basic knowledge of important authors, texts, and issues.

MINOR IN LITERATURE (18 Semester Hours)

Required Courses:

ENG 130W English Seminar
ENG 209 American Literature to 1865 & ENG 210 American Literature from 1865
or ENG 211 English Literature to 1798 & ENG 212 English Literature from 1798
ENG 213 Classics of Western Literature
ENG 307W Shakespeare I *or* ENG 308W Shakespeare II
One 300 *or* 400-level literature course

HISTORY AND NON-WESTERN CULTURES

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A. Saad		

Adjunct Faculty

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A. Campanaro	R. Carrizzo	G. Coleman
S. Doherty	S. Flanagan	J. Frankle
L. Friedman	F. Gillespie	J. Leopold
G. Linabury	J. McNeil	B. Needle
J. Palencsar	M. Rossi	T. Stramiello
J. Szablewicz	T. Tuttle	P. Vermilyea
S. Walens		

Overview

Courses in the department are designed to meet the needs of all students. In order to understand today's issues and problems — in the West and throughout the world — it is important to have a firm grasp on the foundations of our global society, to know the history and culture of America, of Europe and of the world.

Mission

In keeping with the mission statement of Western Connecticut State University, the Department of History and Non-Western Cultures provides a comprehensive liberal arts education that prepares students for the job market and beyond. Our mission is to help students develop expertise in analyzing historical themes and to prepare them for employment in teaching or other specialized fields such as business, journalism, and law, or for graduate work in history.

Goals

Our goals are:

- To provide an interdisciplinary forum in which students can deal with political, social, cultural, religious, economic, and geographic aspects of history.
- To introduce students to non-Western cultures and help them understand global political and cultural relations.
- To help students develop their abilities to think critically, discuss, and explain clearly historical issues and problems.
- To cultivate writing, research, and analysis skills that will help students lead successful professional and personal lives.
- To provide a history/education curriculum that imparts a broad base of knowledge about historical events, principles, and theories, so that students have the foundational knowledge they need to educate others.
- To facilitate our students' understanding of their national and community heritage.

DEGREE PROGRAMS IN HISTORY

Bachelor of Arts

History
American Studies

Bachelor of Science

Secondary Education: History
(Social Studies Endorsement)

Minor Programs

History
American History
European History
African-American Studies
Religion Studies

Bachelor of Arts in American Studies (B.A.)

Requirements:

See the Department of English within the School of Arts and Sciences.

Bachelor of Arts in History (B.A.)

Requirements:

Completion of all general education requirements, the courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science.

HIS 100 Introduction to History
HIS 148 American History: To 1877
HIS 149 American History: Since 1877
HIS 186 Europe: Ancient and Medieval **or** HIS 187 Modern Europe
Three (3) HIS elective courses at the 200 level*
Two (2) HIS elective courses at the 300 level*
Two (2) HIS elective courses at the 400 level*
HIS 490 Senior Seminar
One (1) Non-Western Cultures course

*At least two HIS elective courses (from any level) must be in non-United States and non-European fields.

Distinction in History

To be awarded Distinction in History, a History major must complete all the major requirements, gain admission to HIS 494, Research Seminar, and complete HIS 494 with at least a grade of “B.” Students may count HIS 494 as one of the two 400-level HIS electives required for the degree.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Bachelor of Science in Secondary Education – History (B.S.)

Requirements:

See the Department of Education and Educational Psychology within the School of Professional Studies.

LEARNING OUTCOMES

At the completion of their degrees in History, students will be able to:

1. Demonstrate critical and analytic skills appropriate for probing complex historical topics
2. Successfully seek out diverse historical sources; mine them for information; and cite them in the appropriate format while completing research papers
3. Present their verbal and written evaluations of the past in a nuanced and clear manner
4. Collaborate effectively with others on historical analysis and in critiquing each other’s work.

Minor in History

Two courses at the 100 level
Four courses at the 200 level

Minor in American History

HIS 148, HIS 149
Four advanced courses in American history

Minor in European History

HIS 186, HIS 187

Four advanced courses in European history

Minor in African-American Studies:

AAS 100, AAS 350

In addition, 12 semester hours must be selected

from the following courses:

SOC 200, AAS/NWC 109, AAS/NWC 113, AAS/HIS 219,

AAS/GEO 251, AAS/HIS 284, AAS/HIS 285

Minor in Religion Studies

The minor in Religion Studies provides the opportunity for students to explore the teachings of some major religions and to analyze the historical, cultural, social, literary and philosophic impact of religion on individuals and societies.

Eighteen credits from the approved list of courses are required. To ensure the interdisciplinary nature of this minor, students must take courses in at least two different fields, i.e., they must take courses with at least two different department labels.

In the last or next to last class required to complete the minor sequence, a student wishing to receive a minor in Religion Studies will be required to submit a thoughtful, written discussion reflecting back over the course of study which: a) proposes a significant question (or questions) which has (have) taken on particular importance for the student over the course of studies in the religion studies minor; b) traces the development of the student's interest in the line of inquiry set out by the question(s); c) provides some textually referential grounds upon which elements of the inquiry have begun to take shape for the student.

A student who for some valid reason does not complete this project in class must contact a member of the ad hoc Committee on Religion Studies and work with this faculty member to complete this final project for the minor.

Awarding the minor to the student is contingent upon acceptance of the student's written and oral presentation, i.e., his or her discussion of this paper with the faculty member with whom he or she is working. The faculty member who supervises this final project will report his/her approval or disapproval to the chair of the Department of History and Non-Western Cultures and give the chair a copy of the final product.

Approved Courses for the Minor

HIS 245 Egypt of the Pharaohs

HIS 246 Judaism

HIS 270 Christianity

HIS 287 History of Chinese Religions

HIS 383 Islam

HUM 113 Comparative Religions

PHI 202 Philosophy of Religion

PHI 218 Introduction of Asian Philosophy

SOC/ANT 232 Religion and Culture

SOC/ANT 241 Socio-Cultural Survey of Indian Religions

SOC/ANT 242 Buddhism and Culture

MATHEMATICS

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Faculty

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S. Lightwood	A. Lubell	P. Maida
B. Mittag	L. Novozhilova	C. Rocca
X. Wang		

Adjunct Faculty

M. Aldrich	G. Bocaccio	C. Boyhen
J. Breen	J. DiGiacomo	M. Fogarty
R. Hopkins	E. Kowalchuk	E. Lehman
D. Nocturne	J. Prizio	M. Sacucci
W. Barrett	C. Wallace	R. Wollkind
G. Green	J. Stango	S. Zencey

Overview

The mathematics programs offered by the department are designed to meet the needs of students interested in pure or applied mathematics or mathematics education. The programs are flexible and kept up-to-date. They can accommodate students who plan to continue with graduate studies in mathematics or related fields as well as those who want to enter the profession directly from college.

Mission

It is the mission of the mathematics department to contribute to our society's mathematical competency in a manner consistent with the university's mission. To accomplish this, the department has defined its goals for the following three constituencies.

- I. The department supports the development of the mathematics student by providing students with:
 - a. A breadth of knowledge in core areas of mathematics.
 - b. A depth of knowledge in a specific area.
 - c. Strong skills in mathematical communication, problem-solving, mathematical reasoning, and applications to related areas.
 - d. Personalized learning experience in mathematics.
- II. The department supports the mission of the university by:
 - a. Developing mathematical literacy for all students.
 - b. Meeting the mathematical needs of all majors.
 - c. Providing expertise in mathematics, math education, and statistics.
 - d. Conducting theoretical and applied research in the mathematical sciences.
 - e. Maintaining a wide presence in the university community outside the department.
- III. The department supports the needs of the community by:
 - a. Providing expertise in mathematics, math education, and statistics.
 - b. Conducting research in the mathematical sciences.
 - c. Providing continuing education and retraining in mathematics and mathematics-based fields.
 - d. Fostering the appreciation of mathematical sciences.

University Mathematics Testing and Placement Program

All students admitted to the university will be tested in mathematics prior to registration. The purpose of the testing is to determine whether the student possesses the basic quantitative skills needed for success in college-level quantitative studies. The student will be placed in a mathematics course according to test scores.

If the student requires additional work in the skills area, placement will be in MAT 098 Elementary Algebra or MAT 100 Intermediate Mathematics. Otherwise, the student may opt for any general education course appropriate to the student's educational goals. Student who receives a 600 or higher score on the mathematics section of the SAT are exempt from taking the placement test. These students must register for and pass a general education course in order to satisfy the university's mathematics requirement.

Modes of Instruction

MAT 098 Elementary Algebra and
MAT 100 Intermediate Mathematics

Descriptions and Policies

MAT 098 Elementary Algebra and MAT 100 Intermediate Mathematics are offered via three different modes of delivery: self-paced (SP), self-paced with lecture (SP-L) and lecture (L). In each type of class, there is an instructor present and available during all class meetings. For all MAT 098 and MAT 100 classes, attendance is mandatory and rules of attendance are strictly adhered. Failure to adhere to the attendance policy will result in a letter from the department chair to the student, followed by a second letter to the student's adviser and school dean, and finally, a phone call from the department chair. The department enacted these policies after careful analyses of student performance in the classes. It was found that students who attend class pass the class at a significantly higher rate than students who do not attend class. Students taking MAT 098 in an SP or SP-L class have the opportunity to pass both MAT 098 and MAT 100 during the same semester.

Definitions of class types

Self-paced (SP): These classes are totally student directed. Students work at their own pace using a web-based learning system. Concepts have been designated for students to master. Students are directed through these concepts based on their performance on periodic assessments. Passing levels for MAT 098 and MAT 100 are preset, based on these concepts. An instructor is available in class to help students with concepts they cannot grasp from the computer-generated explanations. The instructor might choose to lead a discussion with the entire class if he/she sees that all students are having trouble in a particular area. The web-based learning system that is currently being used for these classes is ALEKS.

Students who are self-motivated, comfortable using the computer, like flexible learning schedules and are able to set their own goals and study times are best served with SP classes.

Self-paced with lecture (SP-L): These classes use both a web-based learning system, and instructor lectures. All students are expected to participate in the lecture portion of the class, which generally runs about a third of the class. During the remaining time in class, students work at their own pace through lessons on the computer. At this time, the instructor is available for help and support. All students are required to complete a departmental midterm and final as part of their assessment. Instructors may require additional homework and quizzes as part of student assessment. The web-based learning system currently being used for these classes is MyMathLab.

Students who are self-motivated and comfortable using the computer are best served with SP-L classes. Learning schedules in SP-L classes are less flexible than in SP classes, which offer students stricter goals and schedules.

Lecture: These classes use the traditional lecture style delivery. Students all work at the same pace, doing the same problems and examples. Most of the work is completed using traditional paper and pencil delivery. All students are required to complete a departmental midterm and final as part of their assessment. Some homework and tests can be assigned to be completed using the web-based learning system, currently MyMathLab.

These classes best serve those students who need the structure of a traditional classroom setting. Students who have been "away from" mathematics for a long time and who are not comfortable using the computer generally will do better in these classes. Otherwise, the student may opt for any general education course appropriate to the student's educational goals.

Student who receive a 600 or higher score on the mathematics section of the SAT are exempt from taking the placement test. These students must register for and pass a general education course in order to satisfy the university's mathematics requirement.

DEGREE PROGRAMS IN MATHEMATICS

Bachelor of Arts

Mathematics
Mathematics with Computer Science Option

Bachelor of Science

Elementary Education: Mathematics
Secondary Education: Mathematics

Minor Programs

Mathematics
Mathematics for Elementary Education Majors

Bachelor of Arts in Mathematics (B.A.)

Requirements:

Students must complete all general education requirements, the courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science.

CS 140 Introduction to Programming
 MAT 141 Foundational Discrete Mathematics
 MAT 150 Math Seminar I
 MAT 151 Math Seminar II
 MAT 171 or 181, 182, 281 Calculus I, II, & III
 MAT 185 Introduction to Symbolic Computation
 MAT 207 Proofs
 MAT 222 Introductory Statistics
 MAT 272 Introduction to Linear Algebra
 MAT 282 Differential Equations
 MAT 332 Introduction to Applied Mathematics
 MAT 375 Algebraic Structures
 MAT 383 Introduction to Mathematical Analysis
 MAT 450 Senior Seminar I
 MAT 451 Senior Seminar II

* One elective course which completes a sequence in analysis, algebra or applied math.

* One major mathematics course chosen from the department list; Refer to the major program sheet.

* A year sequence from one of the following (May also be used to satisfy general education requirement.) BIO 103-104 or CHE 110-111 or ECO 100-101 or PHY 110-111.

* Two mathematics electives chosen from the department.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Bachelor of Arts: Mathematics with Computer Science Option (B.A.)

Requirements:

Students must complete all general education requirements, the courses and credits listed below, and additional free elective to total a minimum of 122 semester hours, including foreign language and exercise science.

Mathematics Courses (36-37 SH)

MAT 171 or 181, 182, 281 Calculus I, II & III

MAT 165 Introductory Discrete Mathematics

MAT 272 Introduction to Linear Algebra

MAT 282 Ordinary Differential Equations

MAT/CS 359 Introduction to the Theory of Computation

One full-year sequence chosen from: MAT 431-432 or MAT410-411. Two mathematics electives chosen from department list. See program sheet.

Computer Science Courses (19 SH)

CS 170, 171 Computer Science I and II

CS 315 Design and Analysis of Algorithms

CS 350 Object Oriented Software Engineering

One CS elective from department list. See major program sheet.

In addition, students must complete a one-year sequence in natural science from the following: PHY 110-111, or PHY 120-121, or CHE 110-111, or BIO 103-104.

LEARNING OUTCOMES

At the completion of their B.A. in Mathematics:

1. Students will communicate mathematics in written form, using appropriate mathematical writing conventions.
2. Students will read, explain and create mathematical exposition.
3. Students will analyze, model and solve problems.
4. Students will be required to demonstrate proficiency in a variety of technological tools (computer algebra systems, visualization software, statistical packages and some computer programming language).

For those completing a BS in Secondary Education, students will demonstrate competence in the 16 standards for preparation of mathematics teachers as set by the National Council of Teachers of Mathematics. These standards are:

1. Knowledge of Mathematical Problem Solving
2. Knowledge of Reasoning and Proof
3. Knowledge of Mathematical Communication
4. Knowledge of Mathematical Connections
5. Knowledge of Mathematical Representation
6. Knowledge of Technology
7. Dispositions
8. Knowledge of Mathematics Pedagogy

9. Knowledge of Number and Operation
10. Knowledge of Different Perspectives on Algebra
11. Knowledge of Geometries
12. Knowledge of Calculus
13. Knowledge of Discrete Mathematics
14. Knowledge of Data Analysis, Statistics, and Probability
15. Knowledge of Measurement
16. Field-Based Experiences

More information about specific indicators can be found on the Math department website at www.wcsu.edu/math.

Bachelor of Science in Elementary and Secondary Education – Mathematics (B.S.)

Requirements:

See the Department of Education and Educational Psychology within the School of Professional Studies.

Major Mathematics-Elementary Education (B.S.)

MAT 150 Math Seminar I
 MAT 151 Math Seminar II
 MAT 171 or 181, 182 Calculus I & II
 MAT 120 Elementary Statistics
 MAT 242 Foundations of Geometry
 MAT 272 Introduction to Linear Algebra
 MAT 342 Topics in Geometry

And one of the following:

MAT 250 Mathematical Modeling
 or MAT 251 Posing & Solving Problems
 or MAT 363 History of Mathematics

* Four mathematics elective course from the department list; see major program sheet.

Mathematics-Secondary Education (B.S.)

MAT 150 Math Seminar I
 MAT 151 Math Seminar II
 CS 140 Introduction to Programming
 MAT 141 Foundational Discrete Mathematics
 MAT 207 Proofs
 MAT 171 or 181, 182, 281 Calculus I, II & III
 MAT 242 Foundations of Geometry
 MAT 272 Introduction to Linear Algebra
 MAT 342 Topics in Geometry

And one of the following:

MAT 250 Mathematical Modeling
 or MAT 251 Problem Solving
 or MAT 332 Introduction to Applied Mathematics

And two of the following:

MAT 281 Calculus III
 or MAT 212 Math in the Middle Grades
 or MAT 363 History of Mathematics
 or MAT 383 Introduction to Analysis

* One major mathematics course from the department list; see major program sheet.

The following are suggested course selections for mathematics majors. Due to the diversity of students' backgrounds, students must consult with their (math faculty) adviser to select the program sequence that best fits their needs. For example, students with an inadequate math background may have to begin with MAT 170 instead of MAT 181. B.S. majors (elementary and secondary) have professional semester in the fall and student teaching in the spring of their senior year.

Mathematics (B.A.)

Freshman Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 150	MAT 151
MAT 141	MAT 207
MAT 181	MAT 182

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 185	MAT 222

MAT 272	MAT 282
MAT 281	MAT 375

Junior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 332	MAT 467
Science Sequence I	Science Sequence II
	MAT 383

Senior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 450	MAT 451
Math elective	Math elective

Mathematics – Elementary Education (B.S.)

Freshman Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 150	MAT 151
MAT 105	MAT 120
MAT 181	MAT 182

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 1242	MAT 342
MAT 281	Math Elective

Junior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 272	MAT elective
MAT elective	MAT elective

Senior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
Professional semester	Student teaching

Mathematics – Secondary Education (B.S.)

Freshman Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 150	MAT 151
MAT 141	MAT 207
MAT 181	MAT 182

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 185	MAT 222
MAT 242	MAT 342
MAT 281	Math elective

Junior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MAT 272	MAT 375
Math elective	MAT 383
	Math elective

Senior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
Professional semester	Student teaching

Minor in Mathematics

At least 17 credits in major mathematics courses, including MAT 171 or 181, and MAT 182. In addition, the student must achieve a GPA of 2.0 or better in the courses used to fulfill the minor requirements.

Minor in Mathematics for Elementary Education Majors

At least 17 credits to include MAT 171 or 181, MAT 182, MAT 120, MAT 242 and at least one of the following: MAT 211, MAT 363 or MAT 251. Additionally, MAT 105 is required, as it is for all elementary education certification students.

PHILOSOPHY AND HUMANISTIC STUDIES

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FACULTY

S. Dalton, Chair K. Aronson D. Capps

ADJUNCT FACULTY

J. Blom L. Dayley T. Flynn
M. Horton R. Johnson D. Kelley
C. Netto M. O'Neill W. Spontak
J. Stern

Overview

Courses in philosophy explore some of the major areas of philosophic inquiry with reference to both historical and contemporary thought. They seek to develop analytical thinking, to explore the relationship of philosophy to other disciplines and to lay the foundation for further work in philosophy and related disciplines.

Humanistic studies courses have an interdisciplinary structure which aims at integrating knowledge and thus counteracting the trend toward fragmentation in academic studies. This approach demonstrates that there is no one way of looking at anything and that, indeed, there may not be a best way, but only a collection of ways.

Mission

The mission of the philosophy and humanistic studies department is to provide courses for students to explore some of the major areas of philosophic inquiry with reference to both historical and contemporary thought, and to maintain an interdisciplinary structure in the humanities which aims at integrating knowledge and thus counteracting the trend toward fragmentation in academic studies.

Objectives

To accomplish this mission, the Department of Philosophy and Humanistic Studies:

- Continues to offer our students high quality course/s in problems of philosophy, ethical theory, logic, American philosophy, ethical issues in business, health care and the nonhuman, introduction to critical reasoning, philosophy of love, religion and science.
- Emphasizes the development of analytical thinking and the exploration of the relationship of philosophy to other disciplines.
- Provides the foundation for further work in philosophy and related disciplines.
- Prepares the students with an interdisciplinary structure which demonstrates that there is no one way of looking at anything and that, indeed, there may not be a best way, but only a collection of ways.

Contract Major in Philosophy:

Contract majors are available in philosophy. Please refer to the Contract Major section of Academic Programs and Degrees in this catalog.

LEARNING OUTCOMES

Students who take courses in Philosophy and Humanistic Studies will develop

1. Knowledge and skills from multiple disciplines. Humanistic studies courses are multidisciplinary and therefore students will gain knowledge and skills drawn from a variety of different disciplines in the physical sciences, the social sciences, the humanities, and the arts.
2. Skill in synthesizing ideas from multiple disciplines. Students learn to think beyond the traditional limits of departments and disciplines. They learn to clarify questions and solve problems using the best ideas from every tradition.
3. Students will gain skills in reading, analysis and criticism.
4. Communication skills. Students learn to express themselves with clarity and precision through assignments involving spoken

presentations and written essays.

Minor in Philosophy

Requirements for a minor in philosophy are 18 credits selected from the following list, including at least one of the following: PHI 100, PHI 120 or PHI 210.

PHI 103 Introduction to Critical Reasoning
PHI 110 Ethical Issues in Business
PHI 111 Ethical Issues in Health Care
PHI 112 Ethics and the Non-Human
PHI 224 Special Topics
PHI 226 Environmental Philosophy
PHI 231 Ancient Philosophy
PHI 233 Modern Philosophy
PHI 240 Philosophy of Religion
PHI 262 Philosophy of Love and Friendship
PHI 316 Philosophy of Science
PHI 320 Social and Political Philosophy
PHI 332 American Philosophy
PHI 334 Existentialism
PHI 340 Non-Western Philosophy

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

PHYSICS, ASTRONOMY & METEOROLOGY

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Faculty

A. Chance	J. Boyle	D. Dawson, Chair
R. Eisenson, Associate Chair	A. Owino	

Overview

The goal of the Department of Physics, Astronomy and Meteorology is to provide students the opportunity to understand the physical laws governing the universe. The fundamental relationships between energy and matter are studied, from the age of the ancient scientists through the eras of Newton and Einstein and up to the present day. Applications are made to the fields of astronomy, earth and planetary sciences, electronics, engineering, meteorology and to the many branches of physics, from classical mechanics to quantum nuclear physics. In addition to experiencing practical applications of the laws of nature, students develop an understanding of the role of science and technology in contemporary society.

Mission

Consistent with the university's mission to serve as an accessible, responsive, and creative intellectual resource for the people and institutions of Connecticut, the Department of Physics, Astronomy, and Meteorology endeavors to provide a complete and current education in the principles and applications of physics, astronomy, earth and planetary sciences and meteorology, in ways that accommodate the students' backgrounds and career objectives.

Objectives

To accomplish this mission, the Department of Physics, Astronomy, and Meteorology:

- Stresses an understanding of the fundamental relationships between matter and energy and the various transformations between them.
- Provides an understanding of the relationship between classical and modern physics and their application to the more applied disciplines of astronomy, earth and planetary sciences, and meteorology.
- Provides students with the experimental and theoretical background necessary to pursue careers as teachers in earth and planetary sciences.
- Provides undergraduates with the theoretical and operational background necessary to pursue careers in broadcast meteorology and weather forecasting.
- Maintains an active and publicly responsive program of outreach and extension through the WCSU Observatory and the Meteorological Studies and Weather Center.
- Provides students with the opportunity to gain real-world, hands-on experience while developing professional skills in forecasting, nowcasting, and consulting meteorology through academic internships offered through the Meteorological Studies and Weather Center.
- Develops the professional skills required by broadcast meteorologists by supervising students who produce and present weathercasts as part of on-campus radio and TV programming.
- Provides students with a breadth of working knowledge about aspects of the earth and planetary sciences (such as climate change and remote sensing) as well as the opportunity to develop marketable skills (such as familiarity with instrumentation, data analysis methods and software) through coursework, research projects with faculty and departmental internships.
- Provides students with pre-engineering training and the necessary skills to enter various technical fields.
- Provides laboratory and research experiences using modern instrumentation and data reduction techniques.
- Fosters critical thinking, creativity, computational and analytical skills through laboratory exercises, course assignments and personalized research experiences.
- Provides a personalized learning environment for our students through faculty-supervised research opportunities, student-faculty research collaborations, student internships, and individualized instruction.

- Supports science education efforts in regional schools and for the public, through open houses, lecture series, activities sponsored by student clubs and other special events, and by collaborations between department faculty and other science educators.
- Fosters the growth and development of its faculty through research, attendance at professional meetings, publication and presentation of scholarly work, and support of research initiatives.
- Expresses a strong commitment to public service by collaborating with regional elementary, junior and senior high school educators to promote science education.

DEGREE PROGRAMS IN PHYSICS, ASTRONOMY & METEOROLOGY

Bachelor of Arts

Earth and Planetary Sciences

Bachelor of Science

Meteorology

Secondary Education: Earth Science, Earth and Planetary Sciences Option

Secondary Education: Earth Science, Meteorology Option

Minor Programs

Astronomy

Earth Science

Meteorology

Physics

Bachelor of Arts in Earth and Planetary Sciences (B.A.)

The earth and planetary sciences degree gives the student both a broad and detailed working knowledge in the major areas (astronomy, geology, meteorology, oceanography) of the earth and planetary sciences. This is accomplished through experiential and inquiry-driven learning, exposure to current research topics, the use of modern equipment and guidance in experimental techniques by experienced faculty. Emphasis is on well defined and frequently assessed performance goals such as critical thinking and mastery of concepts, and on the development of marketable skills including: project design and reporting, and the use of modern programming languages and software, instrumentation and methods of data analysis. Research experiences are available through student-faculty collaborations and internships in astronomy, meteorology, oceanography and planetary sciences.

Requirements:

Students must complete all general education requirements, the courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including exercise science and foreign language. To fulfill the natural sciences, mathematics and computer science requirements for the B.A. Earth and Planetary Sciences degree, students must take General Chemistry 110/111 (8SH) and MAT 171 or 181 (Calculus I) in addition to the major requirements listed below.

Major Core Courses (46-47 SH)

ES 110 Physical Geology

AST 150 General Astronomy

MTR 150 Meteorology

PHY 110, 111 General Physics I & II

MAT 182 Calculus II

CS 140 Introduction to Programming *or* CS 143 Visual Basic

ES 210 Introduction to Physical Oceanography

AST 231 Introduction to Planetary Sciences

EPS 331 Practicum in Earth and Planetary Sciences Research

AST 405 Planetary Physics

EPS 450 Senior Research in Earth and Planetary Sciences

Major Elective Courses (12 SH minimum)

PHY/ENV 136 Energy

CS 170 Computer Science: Language I

CS 205 or higher course (CS 166 or CS 200 with approval)

EPS 220/221 Seminar in Earth and Planetary Sciences (may be taken twice in different semesters)

MTR 440 Atmospheric Physics and Remote Sensing

EPS 490 Advanced Topics in Earth and Planetary Sciences

Sample Four-Year Sequence Earth and Planetary Sciences Major

Freshman Year

Fall Semester

CHE 110 General Chemistry I

MAT 181 Calculus I

AST 150 General Astronomy

Spring Semester

CHE 111 General Chemistry II

MAT 182 Calculus II

MTR 150 Meteorology

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
PHY 110 General Physics I	PHY 111 General Physics II
ES 110 Physical Geology	AST 231 Intro to Planetary Sciences
General education course	General education course
Free elective course	General education course
	HPX 177 Fitness for Life

Junior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
ES 210 Intro to Physical Oceanography	EPS 221 Seminar in EPS II
CS 200 Applied Topics	EPS 331 Practicum in EPS Research
General education course	General education course
General education course	General education course

Senior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
AST 405 Planetary Physics	EPS 450 Senior Research in EPS
EPS 490 Advanced Topics in EPS	MTR 440 Atmospheric Physics & Remote Sensing
General education course	General education course
General education course	General education course

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

LEARNING OUTCOMES

At the completion of their studies in Earth and Planetary Sciences:

1. Students will be able to understand scientific concepts including the use of scientific method, and develop problem-solving skills.
2. Students will demonstrate competence in the use of computers for graphical analysis of data, manipulation of databases, numerical modeling and internet researches.
3. Graduating seniors will demonstrate competence in research project development, execution, completion and reporting.

Bachelor of Science in Meteorology (B.S.)

The meteorology degree provides its students with a broad background of fundamental skills in meteorology, mathematics, computer science, physics, and chemistry and allows them to enter professional employment in both public and private sectors. A student completing the B. S. Meteorology degree will have the necessary expertise and have met requirements to seek employment with the National Weather Service or other government agencies, apply for graduate school in the physical and environmental sciences, and get jobs with a wide range of private sector employers who value students with a solid, quantitative science degree. The B.S. Meteorology degree can also be an excellent background for students choosing to further their education in business or other professional graduate schools. Students who choose the Broadcast Meteorology option will also get media experience with weekly live radio forecasting and doing on-camera television weathercasts in our department TV studio as a member of The Western Weather Team, our student team of broadcast meteorologists. We have an impressive record of placing graduating students in on-camera meteorologist positions. Paid undergraduate research assistantships are available for qualified students with our faculty. Practical experience is available to students through paid employment in the Meteorological Studies and Weather Center.

Requirements:

Students must complete core courses in mathematics and computer science, physics, astronomy, earth science and meteorology. Also, students must choose an additional broadcast option in meteorology.

- A. **Core Courses in Mathematics and Computer Science (17 SH)**
CS 140 Introduction to Programming *or* CS 143 Visual Basic
MAT 120 Elementary Statistics

MAT 182 Calculus II
MAT 281 Calculus III
MAT 282 Ordinary Differential Equations

B. Core Courses in Physics (8 SH)

PHY 110, 111 General Physics (Calculus-based) I & II (8 SH)

C. Core Courses in Earth and Planetary Sciences (8 SH)

AST 150 General Astronomy *or* ES 110 Physical Geology
ES 210 Intro to Physical Oceanography

D. Core Courses in Meteorology (36 SH)

MTR 150 Meteorology
MTR 230 Weather Analysis and Forecasting I
MTR 231 Weather Analysis and Forecasting II
MTR 240 Climatology
MTR 310 Atmospheric Thermodynamics
MTR 311 Atmospheric Dynamics
MTR 340 Mesoscale Meteorology and Numerical Forecasting
MTR 370 Internship in Meteorology *or* MTR 450 Senior Research in Meteorology
MTR 430 Meteorological Instrumentation
MTR 440 Atmospheric Physics and Remote Sensing

E. Additional elective option in Broadcast Meteorology (9 SH)

MTR 330, 331 Operational Forecasting and Weathercasting I & II

Choose one of the following:

THR 260 Voice and Diction

COM 268 Public Communication

COM 310 Business and Professional Speaking

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Sample Four-Year Sequence Meteorology Major

Freshman Year

Fall Semester

WRT 101 Composition I

COM 160, 161, 162 or 163 COM
skills

MTR 150 Meteorology

MAT 181 Calculus I

Spring Semester

Writing Intensive Course (WI)

CS 140 Intro to Programming
or CS 143 Visual Basic

MTR 240 Climatology

MAT 182 Calculus II

HPX 177 Fitness for Life

Sophomore Year

Fall Semester

PHY 110 Gen. Physics I

MTR 230 Weather Anal. &
Forecast. I

AST 150 Astronomy or ES 110
Geology

MAT 281 Calculus III

Spring Semester

PHY 111 Gen. Physics II

MTR 231 Weather Anal. &
Forecast. II

MAT 120 Elem. Statistics

MAT 282 Ord. Diff. Equations

Junior Year

Fall Semester

CHE 110 Gen. Chemistry I

MTR 310 Atmosph.
Thermodynamics

ES 210 Intro. Physical
Oceanography

General Education course

General Education course

Spring Semester

CHE 111 Gen. Chemistry II

MTR 311 Atmosph. Dynamics

General Education course

General Education course

Free Elective course

Senior Year

Fall Semester

MTR 430 Meteor. Instrumentation

Spring Semester

MTR 440 Atmos. Phys. &

MTR 340 Meso. Meteo. & Num. Forecasting	Rem. Sensing
General Education course	MTR 370 Internship or MTR 450 Senior Research
General Education course	General Education course
Free Elective course	General Education course
	Free Elective course

LEARNING OUTCOMES

At the completion of their studies in Meteorology:

1. Student interns will be able to use meteorological skills to make an operational weather forecast
2. Students will demonstrate competence in graphical display and internet researches of weather information to the general public via the electronic media.
3. Graduating seniors will demonstrate competence in professional communication of complex scientific information to the public and also be presentable

Bachelor of Science in Secondary Education-Earth Science (B.S.).

See the Department of Education and Educational Psychology within the School of Professional Studies.

Minor in Astronomy

Nineteen semester hours of astronomy or physics courses. Advisement must be through the department Chairperson.

Minor in Earth Science

Eighteen semester hours of courses noted as earth science or earth and planetary sciences. Advisement must be through department chairperson.

Minor in Meteorology

Twenty-one or 22 semester hours of meteorology courses. Advisement must be through department chairperson.

Minor in Physics

Twenty semester hours of physics including PHY 110, 111, General Physics (Calculus) I & II and 12 semester hours by departmental advisement.

Program in Engineering Technology at Central Connecticut State University

Students are advised of an accredited engineering and engineering technology program leading to a bachelor's degree at Central Connecticut State University. For further information, speak with Dr. Alice Chance, WCSU Department of Physics, Astronomy, and Meteorology, or review the CCSU catalog.

PSYCHOLOGY

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Faculty

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N. Gallucci	B. Gee	R. Khoo
T. Kuther	S. Murphy	M. Nelson
P. O'Neill	D. Sheskin	

Adjunct Faculty

J. Conrad	J. Chen	R. Fernandes
R. Grant	J. Gronwoldt	F. Halligan
J. Irish	J. Julian	S. Keolamphu
P. LeMay	S. Lyons	M. MacArthur
A. Murphy	D. Otis	I. Pitts
D. Rentler	L. Reynolds	M. Rieve
M. Sachse-Skidd	A. Santucci	K. Sharpe
M. Tarsi-Addressi		

Overview

Courses in the Psychology Department are designed to offer the psychology major a comprehensive education in the methods and content of the discipline of psychology while simultaneously providing some flexibility in course selections.

Students are given a broad overview of the field in their first course, Introduction to Psychology, and are required to complete a three-course sequence dealing with the methods and statistics used by psychologists. In addition to the required methods courses, students must satisfy a breadth requirement by taking at least one course from each of five major areas within psychology (cognitive, biological, developmental, social-personality, and clinical-counseling).

Lastly, in their junior or senior year, students are required to take an advanced seminar or research course. An optional opportunity exists for qualified students to graduate with the designation "psychology with distinction" by completing two upper division psychology honors courses.

The department sponsors a chapter of the national psychology honor society, Psi Chi, and students majoring or minoring in psychology are eligible for membership. Each applicant must meet high standards of scholastic excellence to be selected as a member. Also available to all students enrolled in the university is membership in the Psychology Students Association. Students majoring in psychology are automatically members and may participate in all activities of the association.

Mission

The psychology program offers a comprehensive education in the methods and content of the discipline of psychology while remaining true to the liberal arts ideal. The program provides flexibility, so that students can expand their intellectual horizons, and structure, so that students can acquire the core ideas and skills of psychology. In our program, students will learn to think critically and to problem-solve. Students will also learn to understand and evaluate empirical data.

The following objectives will help the department prepare our students as members of a culturally diverse society embedded within a changing global environment.

Objectives for Students:

- To think critically and to problem-solve.
- To be knowledgeable of the facts, theories and principles of scientific psychology, including the areas of cognitive, biological, developmental, social and personality, and clinical and counseling psychology.
- To acquire the knowledge and ability to conduct psychological research.
- To acquire the skills necessary for written and oral communication.
- To acquire the ability and knowledge to be more productive and successful in their professional lives.
- To obtain the skills necessary for a successful collegiate experience.

DEGREE PROGRAMS IN PSYCHOLOGY

Bachelor of Arts

Bachelor of Science

Elementary Education/Psychology

Bachelor of Arts in Psychology (B.A.)

(Also available evenings)

Requirements:

Students must complete all general education requirements, 39 semester hours in psychology including the courses specified below with a minimum GPA of 2.0 in psychology and additional free electives to total a minimum of 122 SH including exercise science and foreign language.

Required Courses:

A. PSY 100, 201, 204 and 324

B. Breadth Requirement: at least one course from each of the five areas:

Area A—Cognitive: PSY 220 or 251

Area B—Biological: PSY 230, 349 or 352

Area C—Developmental: PSY 210, 211 or 222

Area D—Social-Personality: PSY 205, 208, or 215

Area E—Clinical-Counseling: PSY 202, 203, or 260

C. Advanced seminar OR research course: (one of the following courses: PSY 412, 415, 425, 439, or 450).

D. Nine elective credits in psychology; at least one of which must be at the 300-or-400 level.

Students are advised and encouraged to complete their required introductory and methods courses in their first two years or, if transfer students, in their first three or four semesters following their transfer.

E. Psychology With Distinction (optional). Eligible students (minimum overall GPA of 3.30 and minimum psychology GPA of 3.50) who elect to take the Psychology Honors Option must take PSY 475: Psychology Honors Guided Readings and PSY 476: Psychology Honors Thesis in addition to the 39-credit major. It is the student's responsibility to identify a psychology faculty member willing to direct the student for this 6-credit honors work. PSY 475, the first course in the sequence, cannot be taken sooner than second semester in the junior year or after at least 75 SH have been completed. PSY 324 and Advanced Seminar (PSY 412, 415, 425, 439 or 450) are prerequisites for PSY 475. Please consult with your advisor if you are interested in this option.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Below is the recommended PSY major requirements course sequence:

Freshman

<i>Fall Semester</i>	<i>Spring Semester</i>
PSY 100 Intro to Psychology	PSY 201 Prin of Research in Psychology
	PSY Area A, B, C, D, or E course

Sophomore

<i>Fall Semester</i>	<i>Spring Semester</i>
PSY 204 Psychology Statistics	PSY 324 Experimental Psychology
PSY Area A, B, C, D, or E course	TWO PSY Area A, B, C, D, or E courses

Junior

<i>Fall Semester</i>	<i>Spring Semester</i>
PSY Area A, B, C, D, or E course	Psychology elective course
Psychology elective course	Advanced Seminar

Senior

<i>Fall Semester</i>	<i>Spring Semester</i>
Psychology elective course	Optional Psychology elective course
Optional Honors course	Optional Honors course

LEARNING OUTCOMES

At the completion of their studies, Psychology majors will:

1. Demonstrate the ability to think critically and to problem-solve.
2. Demonstrate knowledge of the facts, theories and principles of scientific psychology, including the areas of cognitive, biological, developmental, social and personality, and clinical and counseling psychology.
3. Demonstrate the ability to conduct psychological research.
4. Demonstrate the skills necessary for written and oral communication.
5. Demonstrate the ability and knowledge to be more productive and successful in their professional lives.
6. Demonstrate the skills necessary for a successful collegiate experience.

Minor in Psychology

Eighteen semester hours of psychology courses including PSY 100 with a minimum GPA of 2.0 in those courses. At least nine credits towards the psychology minor must be taken at Western.

Substance Abuse Counseling Courses

The psychology department offers four courses (PSY 392, PSY 393, PSY 394 and PSY 395) for a total of 16 semester hours in substance abuse counseling. These courses meet the academic requirements for Certification of Substance Abuse Counselors (CADC) as defined by the Connecticut Certification Board (CRB). Other requirements for certification are 6,000 hours of paid substance abuse counseling experience and a passing score on the national certification exam. Students should check the Connecticut Certification Board homepage at <http://ccb-ing.org/ccb.html> for the most up-to-date certification information.

Agencies Used for Student Placements in PSY 439: Community Psychology:

Arms Acres, Carmel, N.Y.
Community Resource Center, Danbury
Danbury Head Start, Danbury
Danbury Hospital, Danbury
Danbury Youth Services, Danbury
Department of Children and Families, Danbury
Interfaith AIDS Ministry of Danbury, Danbury
Interlude, Danbury
Juvenile Justice Center, Danbury
Mid-Western Connecticut Council on Alcoholism (MCCA), Danbury
Riverview Hospital, Middletown
Supervised Life Styles, Carmel, N.Y.
Women's Center, Danbury

SOCIAL SCIENCES

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Faculty by major program focus:

Anthropology & Sociology

C. Bandhauer	C. Hegel-Cantarella	S. Ward
L. Weinstein	R. Whittemore	

Economics

S. Skinner	O. Owoye, Chair	Z. Pan
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Geography

A. Standish

Political Science

M. Dabros	C. Kukk	R. Manes, Associate Chair
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Adjunct Faculty

A. Araza	D. Barber	S. Benjamin
I. Best	L. Bianchi	A. Bibeau
P. Crouse	B. Fitzpatrick	A. Glasser
J. Hatcherson	J. Jowdy	K. Keller
C. Kelly	R. Kopfstein	F. Malek-Ahmadi
D. Matte	B. Morrison	A. Moustakim
J. Netto	J. Regan	J. Robbins
F. Schneiderman	C. Sgarlata	P. Southard
M. Sperazza	E. Tombue	

Overview

Convinced that it has a special responsibility to prepare students for the ever-changing demands of contemporary society, the department provides disciplinary and methodological instruction and practice in the social sciences. To this end, courses are offered in anthropology, economics, geography, political science, sociology and social sciences research methodology. The department awards the B.A. degree in four programs: anthropology and sociology; economics; political science; and interdisciplinary social sciences.

The department offers the B.S. degree in anthropology/sociology, political science and interdisciplinary social sciences, as an academic major for students seeking an elementary education teaching certificate. The B.S. degree in interdisciplinary social sciences also meets all state requirements for an academic major for students seeking the secondary education teaching certificate entitled "History and Social Studies." The B.S. degree programs require additional courses in professional education and formal admission by the education department.

This curricular effort is supported by department computer and archaeology laboratories and a map room. The department's role in the university-affiliated Jane Goodall Institute generates opportunities for students to become academically involved in the institute's mission of environmental, conservation and primate studies. Additionally, the department has cooperative departmental cross-listing of some courses and exchange of faculty instruction with several university departments such as communication, theatre arts, education, environmental sciences, finance, history and non-western cultures, justice and law administration, management (public administration) and social work.

The department sponsors a campus chapter of an international honor society in the social sciences, Pi Gamma Mu. Membership gives recognition to scholastic achievement, thereby enhancing employer and graduate admissions consideration. The campus chapter also provides the opportunity for members to contribute their talent for the benefit of the university and general community. Obtain details from the department office.

The department also sponsors and publishes annually the Social Sciences Journal of original research written by students. Students are invited to contribute their essays or research papers for review. Two student editors and one faculty choose and edit the best examples of student work for publication.

Mission

The four social science programs at Western provide students with a holistic understanding and critical appreciation of the cultural, political, social and economic elements of society. The department curriculum presents a broad-based foundation in the social sciences while offering a rich and diverse range of degree programs and options.

B.A./B.S.: ANTHROPOLOGY/SOCIOLOGY

The allied fields of anthropology and sociology offer ways of understanding the world that are fundamental to many courses of study. Anthropology and sociology look at everyday life in the context of groups, societies and cultures to which humankind contribute. The program is designed to provide background for varied business, government and social service careers as well as for advanced graduate studies in a wide area of disciplines. There is an anthropology/sociology and elementary education option for students desiring to become elementary school teachers.

B.A.: ECONOMICS

The economics program provides students with an understanding and appreciation of the economic behavior of individuals, business and society. The focus is on social outcomes of economic transactions and events, as well as on economic performance. Economics is taught as part of a liberal arts education at Western and provides an especially relevant background for careers in business or government, as well as for graduate study in economics, law or business.

BA/BS.: POLITICAL SCIENCE

Students of political science are given an opportunity to develop a critical understanding of the political aspects of society. They are provided with a practical background for a variety of legal, government, public and social service careers, and a preparation for graduate studies in political science, as well as in related fields, such as pre-law. There is a political science and elementary education option for students desiring to become elementary school teachers.

B.A./B.S.: SOCIAL SCIENCES

This interdisciplinary major provides students with both a broad-based foundation in the social sciences and with a variety of course choices, allowing a student to focus on a specific topic or theme, such as global studies, family studies, or multi-cultural studies. This program is considered particularly relevant for teachers. There are two options for joining the major in social sciences with the majors in elementary education or secondary education.

Objectives

- Emphasizes social research methodology and analytical skills.
- Provides a personalized learning environment for students through faculty mentored undergraduate research opportunities and cooperative education research.
- Prepares students for graduate education in the social sciences and allied fields.
- Assists students in discerning appropriate careers through advising.
- Fosters the growth and development of faculty through research, attendance at professional meetings, developing and directing public forums and discipline-related training workshops, and publication and presentation of scholarly work.
- Expresses its strong commitment to public service by collaborating with agencies and organizations, such as Jane Goodall Institute, Housatonic Valley Association, Connecticut State Archaeology Office and Institute for American Indian Studies, and with regional elementary, junior and senior high school educators to promote social sciences education.

DEGREE PROGRAMS IN SOCIAL SCIENCES

Degree and minor programs require a minimum GPA of 2.0. (There are additional requirements for education students majoring in social sciences.) All department majors are required to earn at least a “C” (2.0) minimum grade in any foundation course (100 level) specified within the student’s major program and in the three required methods courses: SS 201, SS 300 and SS 400. Students should contact the department chair in order to sign up for their required research seminar, SS 400, one semester prior to registration.

An electronically submitted portfolio of work in the social sciences is required of all students during the final semester before graduation. Four elements of the portfolio include:

1) Two “Course of Study” statements.

a) A written discussion of the student’s course of study, including courses contributing to scholarly development, steps taken to meet challenges in that development, and future plans based on the course of study;

b) A proposal of a significant question or line of inquiry of importance to the student in the major and an account of having arrived at that question or inquiry. Included will be a discussion of several research sources of bearing on the student’s question or inquiry, and a critical response to the inquiry’s assumptions or a proposal for a methodology that answering the question would require.

2) A research paper (previously submitted in a major course).

3) A senior thesis (previously submitted in SS 400: Senior Research Thesis).

4) A professional resumé (including the student's curriculum vitae).

Details of the below listed programs are presented on the next several pages.

Bachelor of Arts

Anthropology/Sociology *

Economics

Political Science *

Social Sciences **

Options:

Anthropology/Sociology Studies

Family Studies

Global Studies

Multi-cultural Studies

** Meets state requirements as academic major for students seeking elementary teaching certificate. B.S. degree awarded to education students.*

*** Meets state requirements as academic major for students seeking elementary or secondary teaching certificates. B.S. degree awarded to education students. Program guide sheets may be obtained from the department secretary, Warner Hall 224.*

Minor Programs in Social Sciences

Anthropology

Conflict Resolution

Cultural Resource Management

Economics

Geography

International Studies

Multi-cultural Studies

(with elective African-American focus)

Political Science

Sociology

Urban Studies

Women's Studies

Bachelor of Arts/Bachelor of Science in Anthropology/Sociology (B.A./B.S.)

Advisors assigned by department chair:

The anthropology/sociology program is an interdisciplinary effort towards understanding the social and cultural aspects of human behavior. The program is designed to provide background for varied business, government and social service careers as well as for advanced graduate studies in a wide area of disciplines.

The anthropology/sociology program requires 27 semester hours in the courses specified below and 15 semester hours of anthropology and sociology electives. The B.A. requirements consist of a minimum total of 122 semester hours, including the courses of the major, the required general education courses, free electives, exercise science and foreign language. Students should complete their general education requirements in writing and mathematics/computer science by their sophomore year.

The B.S. degree in anthropology/sociology is offered as a state-approved academic major for students seeking an elementary education teaching certificate. Students must also meet the course requirements of and be formally accepted into the education department.

Majors are required to earn at least a "C" (2.0) minimum grade in foundation courses (100 level) and in the three required methods courses: SS 201, SS 300 and SS 400.

Students should contact the department chair one semester prior to registering for their required research seminar, SS 400.

Specified courses for the B.A./B.S. in Anthropology/Sociology

ANT 100 Introduction to Cultural Anthropology

ANT 110 Introduction to Physical Anthropology

SOC 100 Introduction to Sociology

SOC 101 Social Problems

ANT/SOC 330 Social and Cultural Theory

ANT/SOC 350 Modern and Postmodern Societies

SS 201 Researching Social Issues

SS 300 Quantitative Research Methods in Social Sciences

SS 400 Senior Research Thesis

Fifteen (15) semester hours (200 level or above) in anthropology and sociology. (One NWC course or geography course is allowable as elective in major. Students seeking the elementary education teaching certificate must complete a

course in geography).

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Suggested four-year course sequence for B.A. in Anthropology/Sociology

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
WRT-as per writing placement	SOC 101 Social Problems (offered fall or spring)
MAT-as per mathematics placement test	Any three general education courses (incl. lab science)
ANT 100, Intro to Cultural Anthropology*	
SOC 100 Intro to Sociology*	
Any general education course	

Sophomore Year

ANT 110 Intro to Physical Anthropology*	Any two 200-or 300-level ANT/SOC courses
SS 201 Research Social Issues*	Any three general education courses
Any 200 level ANT/SOC course	
Any two general education courses	

Junior Year

SS 300* Quantitative Research Methods in the SS (fall or spring Junior year)	ANT/SOC 350 Modern & Postmodern Societies
Any two 200-400 level ANT/SOC courses	
Any two courses from free elective section, which may include add'l ANT/SOC courses, or courses for a second major or for a minor	Any three courses as free electives, or as additional ANT/SOC courses or as courses for a second major or for a minor

Senior Year

ANT/SOC 330 Social Cultural Theory	SS 400 Senior Research Thesis*
Any four courses as free electives or as add'l ANT/SOC courses, or as courses for a second major or for a minor	Any four courses as free electives or as add'l ANT/SOC courses, or as courses for a second major or for a minor

**minimum grade of "C" required*

Minor in Anthropology

Eighteen semester hours, to include:

ANT 100 Introduction to Cultural Anthropology
ANT 110 Introduction to Physical Anthropology
Four anthropology electives (200 level or above)

Minor in Cultural Resource Management (CRM)

Cultural resource management has become an increasingly significant subfield of archaeology as a result of federal and state legislation. Examples of such legislation are the Archaeological Resources Protection Act (1979) and the Native American Graves Protection and Repatriation Act (1990). The minor in CRM presents students with theoretical, methodological and practical

experience, which will help them obtain professional employment in archaeology.

Minimum 18 semester hours to include:

ANT 213 North American Indians

ANT 225 Rocks, Stones and Bones: Introduction to Archaeology *or* ANT 226 New England Archaeology

ANT 229 Archaeological Field Methods

ANT 297 Coop Education Internships

ANT 341 Cultural Resource Management

HIS 294 Introduction to Historical Research

Minor in Sociology

Eighteen semester hours, to include:

SOC 100 Intro. to Sociology

SOC 101 Social Problems

Four sociology electives (200 level or above)

Bachelor of Arts in Economics (B.A.)

Requirements:

The economics program seeks to foster an understanding and appreciation of the economic behavior of society. The focus is on the social outcomes of economic transactions and events rather than on individual economic performance per se. Economics provides an especially relevant background for employment in business or government, as well as for graduate study in economics, law or business.

The B.A. in Economics is awarded upon completion of all general education requirements, the courses listed below, and free electives to total a minimum of 122 semester hours, including exercise science and a foreign language. Majors are required to earn at least a "C" (2.0) minimum grade in foundation courses (100 level) and in the three required methods courses: SS 201, SS 300 *or* FIN 230, and SS 400 *or* ECO 350. Students should contact the department chair one semester prior to registering for their required research seminar, ECO 350 or SS 400.

Specified courses for B.A. in Economics:

ECO 100 Principles of Macroeconomics*

ECO 101 Principles of Microeconomics*

ECO 205 Intermediate Microeconomics

ECO 206 Intermediate Macroeconomics

SS 201 Researching Social Issues

SS 300 Quantitative Research Methods in the Social Sciences *or* FIN 230 Business Statistics

ECO 350 Seminar in Economic Research *or* SS 400 Senior Research Thesis

MAT 181 Calculus I *or* MAT 118 Elementary Applied Mathematics

Six economics courses (200 level or above; PS/ECO 110 allowed)

*Note for ECO 100 and ECO 101: It is recommended that students have either completed MAT 098 or have achieved scores on the appropriate mathematics test equivalent to MAT 098 or a higher level of mathematics course. Students should complete their general education requirements in writing and mathematics/computer science by their sophomore year.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Suggested four-year course sequence for B.A. in Economics

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
WRT-as per writing placement	ECO 101 Prin. of Microeconomics*
MAT-as per mathematics placement	Any four general education courses (incl. lab science)
ECO 100, Principles of Macroeconomics*	
Any two general education courses	

Sophomore Year

ECO 205 Intermediate Micro Eco	ECO 206 Intermediate Macro Eco
Any economics course	Any economics course
Any two general education courses	Any two general education courses
Any free elective course, or	

as add'l courses in economics, or as courses for a second major or for a minor

Junior Year

SS 201 Research Social Issues * SS 300 Quantitative Research Methods* *or* FIN 230 Business Statistics

Any two economics courses Any three courses as free electives, or as add'l courses in economics, or as courses for a second major or for a minor

Any two courses as free electives, or as add'l courses in economics, or as courses for a second major or for a minor

Senior Year

SS 400* (Fall or Spring)

Any five courses as free electives, or as add'l courses in economics, or as courses for a second major or for a minor Any five courses as free electives, or as add'l courses in economics, or as courses for a second major or for a minor

**A minimum of a "C" grade is required.*

Minor in Economics

Eighteen semester hours, to include:

ECO 100 Principles of Macroeconomics

ECO 101 Principles of Microeconomics

Four economics electives (200 levels or above)

Bachelor of Arts/Bachelor of Science in Political Science (B.A./B.S.)

Program Advisors: *M. Dabros, C. Kukk and A. Manes*

Requirements

The department's program in political science is designed to provide a foundation for public service careers as well as graduate studies in political science or related fields in the social sciences. The B.S. degree in political science is offered as a state approved academic major for students seeking an elementary education teaching certificate. (For the certificate, students must also be formally accepted into the education program of the education department.)

The B.A. requires completion of the courses listed below, all general education requirements and additional free electives to a minimum of 122 semester hours, including exercise science and foreign language. Students should complete their general education requirements in writing and mathematics/computer science by their sophomore year. Majors are required to earn at least a "C" (2.0) minimum grade in foundation courses (100 level) and in the three required methods courses: SS 201, SS 300 and SS 400. Students should contact the department one semester prior to registering for their required research seminar, SS 400.

Specified courses for B.A./B.S. in Political Science:

PS 100 Introduction to Political Science

PS 102 American Government

PS 104 World Governments, Economies and Cultures *or* PS/ECO 110 Political Economy

SS 201 Researching Social Issues

SS 300 Quantitative Research Methods in the Social Sciences

SS 400 Senior Research Thesis

Five approved courses in political science (200 – 400 level)

Two approved courses from the following areas: anthropology, economics, geography, history, sociology. Students seeking the elementary education teaching certificate must choose courses in geography and sociology.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Suggested four-year course sequence for B.A. in Political Science

First Year

Fall Semester

WRT-as per writing placement

MAT-as per mathematics placement

PS 100 Intro to Political Science*

Any two general education courses

Spring Semester

PS 102 American Government*

PS 104 World Governments, Economies & Cultures*

Any three general education courses

Sophomore Year

Any two political science courses Any two political science courses (300/400 level recommended)

General Ed laboratory science Any three general education courses (incl. psychology and NWC courses)

Two courses* from ANT, ECO, HIS, or SOC

Junior Year

SS 201 Research Social Issues*

SS 300 Quantitative Research Methods in the Social Sciences* (fall or spring) Any four courses as free electives, or as add'l political science courses, or as courses for a second major or for a minor

Any political science course

Any two general education courses, and/or any courses as free electives, or as add'l political science courses, or as courses for a second major or for a minor

Senior Year

Any five courses as free electives, or as add'l political science courses, or as courses for a second major or for a minor SS 400 Senior Research Thesis*

Any four courses as free electives, or as add'l political science courses, or as courses for a second major or for a minor

**A minimum of a "C" grade is required.*

Minor in Political Science

Eighteen semester hours, to include:

PS 100 Introduction to Political Science

PS 102 American Government

Four political science electives (200 level or above)

Bachelor of Arts/Bachelor of Science in Social Sciences (B.A./B.S.)

(Also available evenings)

Advisors assigned by department chair:

The interdisciplinary major in social sciences is designed to provide a broad foundation in the social sciences and to allow a variety of course choices through which one of several topics or themes may be emphasized.

The B.S. degree program in the social sciences meets all state requirements as an academic major for students seeking either the

elementary education teaching certificate or the secondary education teaching certificate entitled "History and Social Studies." (For the certificate, students must also be formally accepted into the education program of the education department.)

The B.A. requires completion of the courses listed below, as well as elective and specified general education requirements and additional free electives to a minimum of 122 semester hours, including exercise science and foreign language. Majors are required to earn at least a "C" (2.0) minimum grade in foundation courses (100 level) and in the three required methods courses: SS 201, SS 300 and SS 400. Students should complete their general education requirements in writing and mathematics/computer science by their sophomore year. Students should contact department one semester prior to registering for their required research seminar, SS 400.

Specified courses for B.A./B.S. Social Sciences

Select any three of the five courses listed:

ANT 100 Introduction to Cultural Anthropology
ECO 100 Principles of Macroeconomics
GEO 100 Principles of World Geography*
PS 100 Introduction to Political Science *or* PS 102 American Government
SOC 100 Introduction to Sociology*

Required Courses:

SS 201 Researching Social Issues
SS 300 Quantitative Research Methods in the Social Sciences
SS 400 Senior Research Thesis

Fifteen semester credits of electives in the social sciences (200-400 level; may include one 100-level course): ANT, ECO, GEO, PS, SS or SOC

Note: Students seeking the secondary education credential must have at least one course in each of the following four disciplines: (1) ANT or SOC; (2) ECO; (3) GEO; and (4) PS.

HIS 148 American History: To 1877
HIS 149 American History: Since 1877
HIS 186 Europe: Ancient and Medieval
HIS 187 Modern Europe
Any two Non-Western Cultures courses
PSY 100 Introduction to Psychology

Forty-four semester credits of free electives

*Elementary education students must take SOC 100; GEO 100; MAT 105 and 106. Elementary education students are exempted from the foreign language requirement.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Suggested four-year course sequence for B.A. Social Sciences

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
WRT-as per writing placement	Select one* from ANT 100, ECO 100, GEO 100, PS 100 or PS 102, SOC 100
MAT-as per mathematics placement	HIS 187 Modern Europe
Select two* from ANT 100, ECO 100, GEO 100, PS 100 or PS 102, SOC 100	Any three general education courses (incl. psychology, CTA, or lab sci)
HIS 186 Europe: Ancient & Medieval	

Sophomore Year

HIS 148 American History to 1877*	HIS 149 American History since 1877*
Any NWC course*	Any NWC course*
Any two 200 level or above courses with these labels: ANT, ECO, GEO, PS, SOC, or SS	Any two 200 or higher level courses with these labels: ANT, ECO, GEO, PS, SOC, or SS
Any general education course	Any general education course

Junior Year

SS 201 Research Social Issues*	Any four courses as free electives, or add'l courses in ANT, ECO,
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GEO, PS, SOC or SS (recommend
300/400 level), or courses for a
second major or for a minor

SS 300 Quantitative
Research Methods in the
Social Sciences* (fall or
spring)

Any 300/400 level
courses with one of these
labels: ANT, ECO, GEO,
PS, SOC or SS

Any two general
education courses and/or
free electives

Senior Year

Any five courses as free
electives, or as add'l
political science courses,
or as courses for a second
major or for a minor

SS 400 Senior Research Thesis*

Any four courses as free electives,
or as add'l political science courses,
or as courses for a second major or
for a minor

**A minimum "C" grade is required.*

Note: Secondary teacher candidates must complete the social sciences major requirements by the end of their junior year. The B.S. in Social Sciences degree is nearly the same as given above, but there are some important differences. Consult with your major adviser and use the social sciences/secondary education major program sheet available at Warner Hall 224.

Options in the Social Sciences

The fifteen semester hours forming each option may be selected in place of the 15 hours of electives within the social sciences major. The options suggest themes for study and give transcript recognition for such study.

Anthropology/Sociology Studies Option in Social Sciences

Fifteen semester hours of any ANT or SOC 200-400 level courses (ANT 110 Introduction to Physical Anthropology is allowable).

Family Studies Option in Social Sciences

Fifteen semester hours as specified:

SOC 221 Human Family Systems

SOC 305 Contemporary Family Problems

Choose three (3) of the following:

ANT/SOC 204 Culture and Personality

SS 301 Guided Readings in the Social Sciences

SW/SOC 260 Aging

SOC/JLA 205 Juvenile Delinquency

Any appropriate course with prior department approval

Global Studies Option in Social Sciences

Fifteen semester hours as specified: Select at least one course from each of the following three groupings and select an additional two courses from those listed in the groupings below or from social science (or history) courses approved in advance by the department chairperson.

ANT 222 Peasant Societies *or* ANT/SOC 350 Modern & Postmodern Societies *or* SS 101 Intro. to Third World Development

ECO 201 Comparative Economic Systems *or* ECO 204 Economic Development & Growth *or* ECO 208 Contemporary International Economic Issues

PS 200 International Relations *or* PS 305 Comparative Government & Politics *or* PS 306 Comparative Communist and Post-Communist Systems

Additional two courses from above selections or by department approval

Multi-cultural Studies Option in Social Sciences

Fifteen semester hours as specified:

SOC 200 Concepts of Race & Ethnic Relations

ANT/COM 208 Intercultural Communication

or ANT/SOC 322 Comparative Minority Relations

or ANT/SOC 340 Culture Change & Planning
ANT/SOC 350 Modern & Postmodern Societies
or PS/SOC 310 Political Sociology
or SOC 202 Class, Status & Power
SOC 221 Human Family Systems
or SW 220 Cultural Diversity*
Any AAS (200 level) course or ethnography as
AAS/ANT 212, ANT 213, ANT 214 or ANT 298

* SW 220 does not meet social sciences requirements for teaching certificate in history and social studies.

LEARNING OUTCOMES

At the completion of their studies, Social Science majors will demonstrate:

1. Mastery of or proficiency in the theories and concepts of their field in the social sciences.
2. Mastery of or proficiency in the research methodologies of the social sciences.
3. Mastery of or proficiency in the application of their skills/ behaviors in the social sciences.
4. Mastery of or proficiency in information technology and literacy.

SOCIAL SCIENCES INTERDISCIPLINARY MINOR PROGRAMS

Minor in Conflict Resolution

Faculty Advisor: A. Manes

To successfully negotiate today's stressful and competitive environment, people require highly refined communication and conflict resolution skills. This minor program in conflict management allows students to learn about, practice and further develop some key fundamental behaviors designed to establish powerful rapport with others, and to manage conflict creatively and constructively when it occurs. In addition, the knowledge and insights gained in the basic core courses heighten intellectual pursuits in many other disciplines, such as political science, sociology, economics, history, psychology, communication, theater arts, social work, criminal justice and law, and management.

To enroll in this minor program, contact the program adviser listed above. In addition to two required foundation courses, SS 401 and PS 401 or SS 402, your adviser will help you select four additional elective courses from the list below. The program adviser may approve other elective courses if content is deemed relevant to the program. No more than six credit hours should be selected from any one discipline or from the student's major. The conflict resolution minor program sheet/guide is available from the program adviser.

Required Foundation Courses

SS 401 Fundamentals of Conflict Resolution AND
SS 402 Mediation: Theory & Practice OR PS 401 Global Conflict Resolution

Electives offered by the Dept. of Social Sciences:

ANT/COM 208 Intercultural Communication
ANT/SOC 322 Comparative Minority Relations
ECO 202 Labor Economics
ECO 209 Urban Economics
PS 200 International Relations
PS 290 Geopolitics in the 20th Century
PS 402 Violent & Nonviolent Conflict Resolution
PS 403 International Institutions
SOC 101 Social Problems
SOC 200 Concepts of Race & Ethnic Relations
SOC 202 Class, Status & Power
SOC 210 Urban Society
SS 299 Student Developed Study

Electives offered by other departments:

COM 210 Nonverbal Communication
COM 212 Effective Listening
COM 362 Organizational Communication
COM 408 Strategies of Persuasion
HIS 256 Background to the Civil War
HIS 382 Contemporary Middle East
JLA 426 Conflict Resolution & Management
MGT 350 Management Negotiations
MGT 376 Managing People
PSY 205 Social Psychology
SW 220 Cultural Diversity

Minor in Geography

Faculty Advisor: Joshua Regan

Eighteen semester hours, consisting of three required courses and three electives. Specialized knowledge in one world region or country is encouraged.

Emphasizing the interaction between humans and geo-physical environments, this minor explores the fundamental importance of location, place, region and the inter-relationships between differing localities in order to master geographic skills and knowledge.

Experience in spatial analysis skills includes data management, map reading, collation and presentation of geographical information, and related inferential thinking about human and geo-physical relationships. Spatial interactions, including trade, environmental management systems, as well as natural environmental conditions all contribute to a developing knowledge of world regions, countries, cities, and cultures.

Finally, moral questions encountered in geographical study are examined, including cultural differences, development prospects, and the importance of environmental management and conservation.

Requirements

GEO 100 Principles of World Geography

GEO 215 Geographical Information Systems (offered every spring)

GEO 270 Geography of Environment and Development (offered every spring)

Electives: (at least two of which must be at the 200 level or above)

GEO 290 Geopolitics in the Twenty-First Century

GEO 250 USA and Canada: A Regional Study

GEO 252 Latin America: A Regional Study

GEO 253 Russia and Euro-Asia: A Regional Study

ENV/GEO 150 Urban Environment as an Ecological Problem

ES 103 Planet Earth

AAS/GEO 251 Africa: A Regional Study

HIS/AAS 219 African-American History and Culture (contemporary)

NWC 103 Chinese Culture

NWC 104 Japanese Culture

NWC 105 Cultures of India

NWC 107 Middle Eastern Culture

NWC/AAS109 Equatorial African Cultures

NWC 110 Vietnamese Culture

NWC 112 Korean Culture

NWC/AAS 113 Southern African Cultures

NWC 115 Latin American and Caribbean Civilizations

Other electives with significant geographical components will be considered at the discretion of the faculty adviser.

Minor In International Studies

Minor in International Studies: Interdisciplinary

Faculty Advisor: R. Whittemore

Eighteen semester hours are required.

The object of the international studies minor is to encourage students to adopt a more expansive view of the world around them.

As a world power the United States continues to be more and more involved in the political, economic and cultural affairs of many countries. Our own security is dependent to an important degree on our relations with other countries, large and small. Many American jobs are dependent on overseas markets. Our well-being, therefore, depends on the understanding of foreign peoples, their histories and cultures. Giving our students some recognition in the form of an international studies minor may very well assist them in their career goals no matter what their majors happen to be.

To fulfill the requirements of the international studies minor the student must:

a. Satisfactorily complete four 200-level or above courses, the content of which are substantially international in nature. The coordinator of the Western International Center will have a list of the appropriate courses. The decision as to which courses fulfill this requirement shall be left to the coordinator of the Western International Center who shall advise the student accordingly. These four courses must be selected from at least two of the following six interdisciplinary categories:

1. ANT/SOC/SS
2. ED/HED
3. ECO/FIN/MKT
4. FR/SPA
5. ENG/COM/PHI
6. GEO/HIS/PS

b. Satisfactorily complete two 100-level courses which examine cultures other than European or American (NWC designations).

Minor in Multi-cultural Studies

(with elective African-American Focus)

Faculty Advisor: R. Whittemore

Eighteen semester hours are required.

In addition to the required course, SOC 200 Concepts of Race and Racism, courses may include those listed for the Multi-cultural Studies Option in Social Sciences as well as any course from any other discipline (100-400 level), provided (a) the student requests and receives approval from the Minor Faculty Adviser and (b) the university catalog course descriptions of those alternative courses indicate substantial ethnic, minority and cultural diversity subject coverage.

If at least 12 semester hours are in African-American studies (AAS) courses (100-400 level), the student's transcript shall read: minor in multi-cultural studies: African-American focus.

Minor in Urban Studies

Faculty Advisors: S. Skinner and S. Ward

The urban studies minor is an interdisciplinary program focusing on urban issues, concepts, and problems. The minor affords students the opportunity to explore urban concerns through a variety of disciplinary lenses and the chance to examine practical solutions to urban problems. The minor also prepares students for increased employment possibilities at the municipal, state, or federal level, or for graduate work in one of several areas related to urban studies (e.g., urban studies, urban, town, or regional planning, urban geography, demography, etc.).

Students select 18 semester hours from the courses listed below; no more than nine hours should be from 100-level courses and no more than six hours should be selected from any one discipline or from the student's major. Students are strongly encouraged to apply 3-6 semester hours earned in an approved cooperative education internship to this program.

ANT 350 Modern & Postmodern Societies
ART 101 History and Appreciation of Western Art: Renaissance to the Present
ECO 100 Principles of Macroeconomics *or* ECO 207 Contemporary Domestic Economic Issues
ECO 209 Urban Economics
GEO/ENV 150 Urban Environment as a Human Ecological Problem
HIS 208 Rise of Industrialism in America
HIS 363 The American City
HIS 368 New York City: History and Culture
PS 218 American State & Local Government
SS/CED 297 Coop Internship
SOC 101 Social Problems
SOC 210 Urban Sociology

Any appropriate substitute course must have prior department approval.

Minor in Women's Studies (WS)

Faculty Advisor: C. Hegel-Cantarella or L. Weinstein

The women's studies minor is an interdisciplinary and interdepartmental program that provide the opportunity for students to increase their awareness and knowledge about women's achievements and contributions to society, and about social concerns and issues that are of particular importance to women and to all minority groups.

The 18 credits in the minor shall consist of electives with a WS label or courses with a discipline label which are identified as relevant by a committee drawn from participating departments. Students should contact their faculty adviser for a list of recommended electives.

WS 200 Introduction to Women's Studies
WS/ANT 236 Culture, Sex and Gender
WS/ANT 314 Native Peoples of the Southwest: Women, Spirituality and Power
WS/COM 211 Women, Language and Communication
WS/COM 444 Women and the Media in the U.S.
WS/ECO 212 Economics of Gender
WS/ENG 334 Women Writers
WS/HIS 320 Women and Leadership
WS/JLA 301 Women and Criminal Justice
WS/NUR 250 Women's Health Issues
WS/PSY 217 Psychology of Women

Recommended cognate elective courses for Women's Studies

SOC 221 Human Family Systems
SOC 305 Contemporary Family Problems
SW 220 Cultural Diversity

WORLD LANGUAGES AND LITERATURES

Galina Bakhtiarova, Chair

Berkshire Hall 215D, Midtown campus
(203) 837-8734
(203) 837-8912 (fax)

Karen Walsh, Department Secretary

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(203) 837-8250
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Faculty

G. Bakhtiarova, Chair L. Bonilla
S. A. Skar

Adjunct Faculty

N. Dominguez-Ramos	E. Fabrizio-Garcia	P. Farina
E. Hart	Y. Lian	R. Ludanyi
J. Matranga	S. Moudden	J. Quaglia
B. Roos	M. Vazquez	

Overview

The Department of World Languages and Literature creates a strong foundation for learning a variety of languages, both in our courses and through study abroad opportunities.

Major programs in the bachelor of arts degree in Spanish, and education programs in elementary or secondary education with a concentration in Spanish, offer students a curriculum that is balanced between the study of language, cultures, and literary traditions from Spain and Latin America, as well as a greater awareness of the vital connections between global and local Hispanic communities.

In advanced courses for majors and minors, our curriculum retains the strengths of traditional linguistic analysis, and adds a cutting-edge cultural studies focus to the study of literature and civilizations. Students at all levels develop language proficiency, in addition to critical thinking and problem solving skills, oral communication, and writing abilities, which are all key competencies for a variety of professional careers.

Mission

The Department of World Languages and Literature engages students in the study of languages, cultures, and literary traditions. Learning to speak languages of the world opens doors for travel and creates professional opportunities in such diverse fields as education, law, government, international affairs, business, and many others. Courses and programs we offer encourage students to be critical thinking citizens and leaders of local and global communities. Our students learn to view the world from diverse perspectives and to cross borders through effective communication based on an appreciation of cultural diversity.

DEGREE PROGRAMS IN WORLD LANGUAGES

Bachelor of Arts

Spanish

Bachelor of Science

Elementary Education: Spanish
Secondary Education: Spanish

Minor Programs

Spanish

Foreign Language Requirements

All students enrolled in B.A. programs and secondary education majors must fulfill the foreign language requirement in one of the following ways:

1. By completing through the third year of one foreign language in high school with an overall "C" average.
2. By studying a total of three years of two foreign languages in high school with an overall "B" average.
3. By successfully completing a foreign language proficiency examination, or by providing the necessary documentation outlined in the language waiver policy in this catalog.
4. By successfully completing a language immersion experience of one semester abroad. Consult the Department of World Languages and Literature or Western's International Center.
5. By successfully completing the specified language courses at WCSU. Students may fulfill the foreign language requirement by successfully completing an Introductory II second-semester course in languages offered in the Department of World Languages

and Literature, or any one semester of a language course at the intermediate level or above that is taught in the target language, not in English.

Bachelor of Arts in Spanish (B.A.)

Requirements:

Students must complete all general education requirements, the courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including exercise science.

Choose one from below:

SPA 203: Conversation and Composition: Film

SPA 204: Conversation and Composition: Essay

Choose one from below:

SPA 207: Introduction to Analysis: Fiction

SPA 208: Introduction to Analysis: Poetry

Choose three from below:

SPA 221: Cultures of Spain

SPA 222: Cultures of Spanish America

SPA 224: Trans-Atlantic Hispanic Cultures

SPA 225: Hispanic Cultures: Connecticut

SPA 226: Global Immersion Spain

Choose six 300-level literature courses from below:

SPA 320: The Poetry of Spain and Latin America

SPA 330: Representative Authors: Spain

SPA 331: Representative Authors: Spanish America

SPA 336: Theater in Spain and Latin America

SPA 337: Modern Spanish Novel

SPA 360: Readings on The Arts in Spain and Latin America

SPA 361: Gender & Sexuality in Spanish America

SPA 365: Revolution, Testimony, and Memory in Spanish America

SPA 367: Colonial Spanish America

SPA 370: US Latina/Latino Literature

SPA 371: Spanish-Caribbean Identities

SPA 375: The Picaresque in Spanish Literature

One linguistics course:

SPA 400 Linguistics

Choose an elective: Any Spanish course from the 200-, 300- or 400-level

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Bachelor of Science in Secondary Education–Spanish (B.S.)

Requirements: See the Department of Education and Educational Psychology within the School of Professional Studies.

Learning Outcomes

LEARNING OUTCOMES FOR STUDENTS IN WORLD LANGUAGES & LITERATURE

The Department of World Languages & Literatures at Western Connecticut State University adheres to national standards for foreign language learning determined by ACTFL (American Council on the Teaching of Foreign Languages) for language proficiency and cultural competency through the 5 C's: Communication, Cultures, Comparisons, Connections, and Communities.

The ACTFL proficiency scale from 2012 established guidelines for language proficiency at the following levels:

- Novice (Low, Mid, High)
- Intermediate (Low, Mid, High)
- Advanced (Low, Mid, High)
- Superior
- Distinguished

INTRODUCTORY LEVEL – FOREIGN LANGUAGE REQUIREMENT

Students who complete the second semester of an introductory language sequence at WCSU achieve a minimum level of Novice Mid as defined by the ACTFL proficiency scale in the following courses or their equivalents: French 164, German 164, Italian 164, Portuguese 164, and Spanish 164. Students who complete the second semester of an introductory language sequence achieve a minimum level of Novice Low as defined by the ACTFL proficiency scale in oral and writing proficiency in the following courses or their equivalents: Arabic 102 and Chinese 164. Assessment at this level is conducted by faculty teaching the course in

a final exam or project at the end of the semester.

MINOR IN SPANISH

Students who complete a minor in Spanish achieve a minimum level of Intermediate Mid as defined by the ACTFL proficiency scale in a total of 18 credits at the Intermediate Level (Spanish 196) or above. Spanish majors and minors are assessed annually for oral and writing proficiency as part of an internal program assessment through a final exam or project during at least one 200-level and one 300-level Spanish course on cultural and/or literary topics.

MAJOR IN SPANISH

(B.A. SPANISH, B.S. SPANISH-ELEM. ED., B.S. SPANISH-SECONDARY ED.)

Students who complete a major in Spanish (B.A. Spanish, B.S. Spanish-Elementary Ed., B.S. in Spanish-Secondary Ed.) achieve a minimum level of Advanced Low as defined by the ACTFL proficiency scale. Spanish majors and minors are assessed annually for oral and writing proficiency as part of an internal program assessment through a final exam or project during at least one 200-level and one 300-level Spanish course on cultural and/or literary topics.

B.S. SPANISH – SECONDARY EDUCATION CERTIFICATION

Students admitted to the professional semester for the B.S. in Spanish-Secondary Education achieve a minimum level of Advanced Low as defined by the ACTFL proficiency scale. In addition to assessment of cultural competency of students in final exams and projects in culture and literature courses, candidates for teacher certification demonstrate oral proficiency and writing proficiency through the following external assessments:

- OPI (Oral Proficiency Interview) Language Testing International
- WPT (Writing Proficiency Interview) Language Testing International

Minor in Spanish

Eighteen semester hours of Spanish courses above Spanish 164. Courses in Spanish for Professions (i.e. SPA 170) shall not be accepted for credit for this minor.

WRITING, LINGUISTICS AND THE CREATIVE PROCESS

Oscar De Los Santos, Chair

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Faculty

O. De Los Santos, Chair	J. Briggs	B. Clements
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A. Witkavitch		

Overview

The Bachelor of Arts in Professional Writing program prepares students for careers in fields that include creative writing, technical writing, public relations, online and print journalism, as well as writing intensive professions such as the law, publishing, business and education. Students may choose one of five B.A. degree options: business writing, creative writing, general, journalism and freelance and public relations.

Mission

To prepare students for careers as professional writers, the Department of Writing, Linguistics and Creative Process focuses on the following objectives:

- Engaging students — through innovative and cutting-edge writing programs — in writing as a process of making form and meaning.
- Training professional writing students for work in business, publishing in all its facets, and teaching.
- Immersing students in the rich environment of professional writing activities and talent available in New York City and author-endowed Fairfield and Litchfield counties.
- Emphasizing writing as key to critical thinking.
- Highlighting the importance of linguistics and understanding the basic components of language and texts to professional writers.
- Assisting students with the development of style, voice and attunement to genre.
- Creating a community of writers at Western that fosters an awareness of the importance of writing across the curriculum.

General Education Writing Requirement

The Department of Writing, Linguistics and Creative Process participates broadly in the university's general education program. The general education writing requirement is satisfied by passing a writing intensive course, several of which are offered by the department. The department's composition coordinator supervises placement of all entering students. Students are placed into one of three levels:

- WRT 098 Written Communication or WRT 099: Written Communication for ESL (followed by WRT 101 and a W course).
- WRT 101 Composition I (followed by a W course). All writing intensive courses (W) offered by the Department of Writing, Linguistics and Creative Process or any other department have WRT 101 or appropriate placement as their prerequisite.
- A writing intensive course (W).

W courses offered by the Writing department that fulfill the general education requirement include the following:

WRT 102W Introduction to the Creative Process
WRT 103W Composition II: Research and Writing
WRT 132W Introduction to Professional Writing
WRT 133W An Introduction to Writing Fiction
WRT 134W An Introduction to Writing Poetry
WRT 171W Craft of Writing I: Conversations with Predecessors
WRT 172W Craft of Writing II: Conversations with Contemporaries
WRT 242W Poetry Workshop I
WRT 243W Fiction Workshop I
THR/WRT 244W Playwriting Workshop I
WRT 245W Technical Writing: Topic
WRT 255W Advertising, Copywriting, and Promotion

WRT 270W News Writing
WRT 271W Human Interest Writing
WRT 273W Craft of Writing III: Writing Identity
WRT 274W Craft of Writing IV: Form and Inspiration
WRT 276W Writing about Human Tragedy
with permission of instructor and writing sample:
WRT 275W Topics in Professional Writing
WRT 335W Fact-Based Opinion Writing
WRT 339W Creative Essay

In addition to fulfilling the W requirement, the following courses offered by the Department of Writing, Linguistics and Creative Process also fulfill the general education requirement in the humanities:

W and General Education — Humanities/Communication credit

WRT 102W: Intro to the Creative Process
WRT 132W: Intro to Professional Writing
WRT 171W: Craft of Writing I: Conversations with Predecessors
WRT 172W: Craft of Writing II: Conversations with Contemporaries
WRT 273W: Craft of Writing III: Writing Identity
WRT 274W: Craft of Writing IV: Form and Inspiration

W and General Education — Humanities/Humanistic Studies credit

WRT 102W: Intro to the Creative Process

DEGREE PROGRAMS IN PROFESSIONAL WRITING

Bachelor of Arts

Major in Professional Writing with five options:

Business Writing
Creative Writing
General Writing
Journalism and Freelance Writing
Public Relations Writing

Minor Programs

Journalism
Broadcast Journalism
Professional Writing

BACHELOR OF ARTS IN PROFESSIONAL WRITING (B.A.)

Students must complete all general education requirements, the required major courses (core, upper-division, and menu) listed below, the courses and credits listed in one of the options below, and additional free electives for a total of 122 semester hours that include a writing intensive course (W), foreign language, and exercise science.

Important note: Students must have an overall G.P.A. of 2.5 or better in courses used to satisfy the major.

Courses Required for all B.A. in Professional Writing Majors:

All Professional Writing majors in the five B.A. options must take the following courses:

Core (12 S.H.)

WRT 171W: Craft of Writing I: Conversations with Predecessors
WRT 172W: Craft of Writing II: Conversations with Contemporaries
WRT 273W: Craft of Writing III: Writing Identity
WRT 274W: Craft of Writing IV: Form and Inspiration

Required Upper-Division Courses (16 S.H.)

LNG 317: Linguistics or LNG 320: Modern English Grammar
WRT 333W: The Editorial Environment
WRT 373W: Editing and Copyediting
WRT 442W: Publication Design and Development
WRT 465W: Thesis Project

Menu Courses (6 S.H.): Two (2) courses from among the following:

LNG 319: History of the English Language
WRT 275W: Topics in Professional Writing
WRT 276W: Writing about Human Tragedy
WRT 303W: Composition III: Advanced Research Writing
WRT 371W: Writing the Weird: Conspiracy Theories
WRT 377W: The Writing Life: Topic
WRT 431W: Writers' Aesthetics

Additional Genre-Focused Workshops Required for the Professional Writing Options

Business Option (14 S.H.)

WRT 245W Technical Writing
WRT 255W Advertising, Copywriting, and Promotion
WRT 270W News Writing
WRT 338W Writing about Specialized Subjects
or JLA/WRT 321W Legal Writing, Research, and Analysis
WRT _____ (2 S.H.)*

Creative Writing Option (14 S.H.)

WRT 219W Writer's Toolbox
WRT 271W Human Interest Writing
WRT 339W Creative Essay
WRT 462W The Book: From Writing to Publishing
WRT 490W Internship.

General Writing Option (14 S.H.)

WRT 270W News Writing
Three (3) other genre workshops chosen in consultation with adviser
WRT _____ (2 S.H.)*

Journalism and Freelance Option (14 S.H.)

WRT 270W News Writing
WRT 271W Human Interest Writing
WRT 335W Fact-Based Opinion Writing
WRT 338W Writing about Specialized Subjects
WRT _____ (2 S.H.)*

Public Relations Option (14 S.H.)

WRT 255W Advertising, Copywriting, and Promotion
WRT 270W News Writing
WRT 271W Human Interest Writing
or WRT 245W Technical Writing
WRT 340W Public Relations Writing, Concepts and Practice
WRT _____ (2 S.H.)*

**Students may choose from a variety of courses to fulfill this requirement, including:*

WRT 219W Writer's Toolbox
WRT 272W Campus Writers' Workshop
WRT 490W Internship

As a graduation requirement, all B.A. in Professional Writing majors must submit a writing portfolio.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

LEARNING OUTCOMES

Students who earn degrees in Professional Writing will:

1. Demonstrate strong critical thinking skills through writing for a variety of audiences, purposes, and situations.
2. Demonstrate an extensive ability to identify, assess, and perform—in both academic and professional settings—the types of writing for the chosen area of focus, such as creative writing, professional writing, and journalism.
3. Demonstrate a working ability to identify and perform types of writing outside of the specific area of focus.
4. Produce a senior portfolio that demonstrates an increasing level of professionalism in writing in terms of choice of topic, application of style, and ability to produce error-free texts.

MINOR IN JOURNALISM (18 S.H.)

WRT 270W: News Writing
WRT 271W: Human Interest Writing
WRT 333W: The Editorial Environment
WRT 442W: Publication Design and Development

Two additional courses from the following:

WRT 219W: Writer's Toolbox
WRT 272: Campus Writers' Workshop
WRT 340W: Public Relations Writing
WRT 335W: Fact-Based Opinion Writing

WRT 490: Internship/Practicum in Writing
WRT 446W: Topics in Professional Writing
WRT 462W: The Book from Writing to Publishing.

MINOR IN BROADCAST JOURNALISM (18 S.H.)

WRT 270W News Writing
WRT 271W Human Interest Writing
WRT 333W Editorial Environment
WRT 442W Publication Design and Development

Two additional courses from the following:

WRT 219W Writer's Toolbox
WRT 272W Campus Writers' Workshop
WRT 335W Fact-Based Opinion Writing
WRT 340W Public Relations Writing, Concepts and Practices
WRT 446W Topics in Professional Writing
WRT 462W The Book from Writing to Publishing
WRT 490W Internship/Practicum in Writing

MINOR IN BROADCAST JOURNALISM (18 S.H.)

COM 243 Broadcast Writing
COM/THR 252 Acting for the Camera
COM 270 Fundamentals of Radio Broadcasting
WRT 270W News Writing
WRT 333W Editorial Environment

One 300- or 400-level writing course from among the following:

WRT 335W Fact-Based Opinion Writing
WRT 338W Writing about Specialized Subjects
WRT 340W Public Relations Writing, Concepts and Practices
WRT 442W Publication Design and Development
WRT 490W Internship/Practicum in Writing

MINOR IN PROFESSIONAL WRITING (18 S.H.)

WRT 270W News Writing
Any five courses from among the following:
JLA/WRT 321W Legal Writing, Research, and Analysis
WRT 245W Technical Writing
WRT 255W Advertising, Copywriting and Promotion
WRT 271W Human Interest Writing
WRT 272W Campus Writers' Workshop
WRT 333W Editorial Environment
WRT 335W Fact-Based Opinion Writing
WRT 338W Writing about Specialized Subjects
WRT 339W Creative Essay
WRT 340W Public Relations Writing, Concepts and Practices
WRT 373W Editing and Copyediting
WRT 442W Publication Design and Development
WRT 446W Topics in Professional Writing
WRT 462W The Book: From Writing to Publishing
WRT 490W Internship/Practicum in Writing

ASSOCIATE IN SCIENCE PROGRAM

Associate in Science: Liberal Arts

Program advisers can be found at the Academic Advisement Center – Higgins Hall 214

This degree may be awarded to students who have completed:

1. All general education requirements including exercise science.
2. Seventeen semester hours of free elective courses.

Students must maintain a minimum grade point average of “C” (2.0) to receive the Associate in Science degree.

AIR FORCE RESERVE OFFICERS TRAINING CORPS (AFROTC)

ROTC

Students may earn a commission in the United States Air Force by completing requirements of the Reserve Officer Training Corps (ROTC) program as part of their studies at the university.

AIR FORCE ROTC (AFROTC)

Students at Western Connecticut State University are able to take AFROTC classes at Yale University and receive commissions as second lieutenants.

The AFROTC program is available to Western Connecticut State University students at Yale University's main campus in New Haven. Through the AFROTC program, Western Connecticut State University students, without paying extra tuition, can pursue a commission as an officer in the United States Air Force. The freshmen and sophomore courses carry no military obligation and are open to all students. Scholarships are also available for qualified students. These scholarships pay up to full tuition and fees, as well as money for books and a monthly tax-free stipend.

Students enroll in a four-year or three-year (if joining in their sophomore year) AFROTC sequence. Students commute to New Haven on the days listed below for AFROTC-specific classes and events.

Qualified students should contact the AFROTC office at (203) 432-9431 or visit our website at yalecollege.yale.edu/content/air-force-rotc-yale.

PRE-PROFESSIONAL OPTIONS

The university offers students a wide range of programs and curricula providing pre-professional education to prepare for graduate programs in professional schools.

No single undergraduate program meets the requirements for admission to all graduate programs. Most professional programs give preference to applicants with a broad general education at an accredited undergraduate institution. Students should demonstrate outstanding aptitude and ability, thorough preparation in fields basic to the chosen profession, and high levels of achievement.

Each student has the responsibility to determine whether or not a particular undergraduate program meets the entrance requirements of the professional program selected. To help students fulfill this responsibility, pre-professional faculty advisers and advisory committees provide academic and career counseling, updated information on requirements, and a composite evaluation to serve as part of a student's application to the professional school of choice. Students should register with the appropriate committee or adviser as early as possible, preferably before the end of the sophomore year.

Students must realize that undergraduate studies do not guarantee admission to any professional school, nor do they directly prepare students to score successfully on any of the various admissions tests (e.g. MCAT, LSAT, DAT, GRE, VAT, OAT).

Pre-Health Professions

Dr. Paul Hines, Department of Chemistry, is chief health professions adviser at Western. Working with a faculty committee drawn from several departments, Dr. Hines helps students prepare for graduate study in a number of health-related professional fields:

- Chiropractic
- Dentistry
- Medicine
- Optometry
- Pharmacy
- Physician's Assistant
- Podiatry
- Veterinary Sciences

There is no prescribed curriculum for pre-medical students. The biology major or the chemistry major with a biology minor or biochemistry option are programs whose requirements include many, if not all, of the courses needed for admission to medical school. Pre-medical students in these programs are advised by faculty in their major program. Students who seek pre-medical preparation but prefer another major may, in consultation with the chief health professions adviser, complete any liberal arts degree program, provided they include the prerequisite coursework for medical school.

Dental school admissions requirements, based on recommendations of the American Dental Association, are similar to those of medical schools. Pre-dental students with majors other than biology, chemistry, or biochemistry should consult with the Chief Health Professions Adviser.

Schools of veterinary science often specify courses which undergraduates must complete before admission to professional programs. Schools of optometry expect undergraduate concentrations in mathematics and/or the sciences (biology, chemistry, physics). Requirements for admission to schools of pharmacy, podiatry, and chiropractic and to physicians' assistant programs resemble pre-med requirements in many respects, yet show differences. Students interested in any of these programs should consult with the chief health professions adviser.

Pre-Law

The Pre-Law Advisory Committee, chaired by Dr. Averell Manes, Department of Social Sciences, includes in its membership Dr. Constantine Gutzman, Department of History, and Dr. Charles Mullaney of the Division of Justice and Law Administration, Ansell School of Business.

A broad education in the liberal arts is considered to be better preparation for the study of law than a rigid, specialized program of study. Pre-law studies should include the social sciences, the humanities, and basic courses (at least) in the natural sciences. Facility in written and oral expression is essential to the successful study and practice of law.

Acceptance into law school depends upon the requirements specified by individual institutions and aptitude for legal study as measured by the Law School Admissions Test (LSAT). It is important for students to realize that undergraduate studies do not guarantee admission to law school, nor do they directly prepare students to score successfully on the LSAT.

Pre-law students should consult with faculty members of the Pre-Law Advisory Committee, who are knowledgeable about professional programs and admissions requirements in schools of law.

**Please note that the Pre-Law program is an option and not an academic major. Students must select an academic major in conjunction with the Pre-Law Program option.*

Engineering

Requirements for admission to schools of engineering vary widely depending upon the type of engineering program sought. Generally, preparation should include substantial work in mathematics and the natural sciences. Students should consult with the pre-engineering adviser, Dr. Alice Chance, Department of Physics, Astronomy, and Meteorology.

Divinity

Programs in the humanities (philosophy, ethics, literature, history) are appropriate for admission to divinity school, although any undergraduate concentration may be accepted. Students should consult with faculty in their field of interest.

AFRICAN-AMERICAN STUDIES

AAS 100 The Black Experience in America 3 SH

This is an interdisciplinary course that examines major historical and contemporary conditions that have contributed to shaping the experiences of black people in America. The course utilizes a variety of original source material in history, literature, art, music, film, sociology and politics in order to understand the thinking of and reaction to African-Americans over nearly 400 years.

AAS/NWC 109 Equatorial African Cultures 3 SH

See NWC/AAS 109.

AAS/NWC 113 Southern African Cultures 3 SH

See NWC/AAS 113.

AAS/ANT/SOC 212 Peoples & Cultures of Africa 3 SH

See ANT/AAS/SOC 212.

The following courses also have been approved and are offered periodically:

AAS/HIS 219 African-American History and Culture

AAS/GEO 251 Africa: A Regional Study

AAS/HIS 284 Africa: From Antiquity to Colonialism

AAS/HIS 285 Modern Africa

AAS 350 Topics in African-American Studies

AMERICAN STUDIES

AS/ENG/HIS/SOC 217 The American Dream: Visions & Revisions 3 SH

An exploration of some components of the “American dream” — intellectual, social, economic and/or political — as these are posited in the following disciplines: literature, art, music, history, political science, sociology, anthropology, and philosophy. The focus in the field of concentration will depend upon the teacher giving the course, but the perspective of the course will be interdisciplinary. Spring semester.

AS/ENG/HIS 400 American Studies Seminar 3 SH

This course allows advanced students to examine — by research and discussion — the question, “What is the central character of America?” This course may be repeated for credit, provided the subject matter is different. The subject matter will be indicated in its post-colon designation. *Prerequisite:* Junior standing.

ANTHROPOLOGY

ANT 100 Introduction to Cultural Anthropology 3 SH

A study of human behavior and the structure of society. Emphasis will focus upon cultures outside the Western European area, using a few selected societies as the framework in which to study the theories and principles of social anthropology. Listed as behavioral and social sciences general education elective. Every semester. **General Education: Social Sciences.**

ANT 110 Introduction to Physical Anthropology 3 SH

Examines the relationship between biological and social behavioral aspects of human evolution, with emphasis on basics of evolutionary theory, fossil hominids and social behavior, especially of the non-human primates. Listed as behavioral and social sciences general education elective. Fall semester. **General Education: Social Sciences.**

ANT/SOC 204 Culture and Personality 3 SH

The social and cultural factors influencing the structure and development of the personality. Emphasizes studies and cross-cultural analysis. Fall semester of even-numbered years. *Prerequisite:* ANT 100 or SOC 100. **General Education: Social Sciences.**

ANT/COM 208 Intercultural Communication 3 SH

Students will investigate theoretical and practical aspects of intercultural communication processes. Spring semester. *Prerequisite:* COM 161 or COM 162; ANT 100 or SOC 100. Spring semesters. **General Education: Humanities/Communication, Social Sciences.**

ANT/AAS/SOC 212 Peoples and Cultures of Africa 3 SH

Designed to acquaint the student with the cultures and peoples of Africa as they existed before European colonization. Attention will also be directed to the problem of cultural change. Spring semesters of odd-numbered years. *Prerequisite:* ANT 100. **General Education: Social Sciences.**

ANT 213 North American Indians 3 SH

Devoted to the study of North American Indians as they existed before contact with Europeans. Attention will also be directed toward problems of acculturation, as well as pre-historic background, linguistics and history of the various culture areas. Spring semesters of odd-numbered years. **General Education: Social Sciences.**

ANT/SOC 216 Anthropology of the Middle East 3 SH

As the world becomes more interconnected and linked globally, our society is increasingly faced with beliefs, practices, ideals, ideas, and ways of life that at times baffle us and discomfort us. Current conflicts in the world point to a need to actually go beyond stereotypes and understand both sameness and difference when it comes to cultures. This course seeks to look beyond common stereotypes of the Middle East and focus on daily life experiences of families and individuals who live in the region through applying an anthropological lens and reading ethnographic studies. *Prerequisites:* ANT 100 or SOC 100 or permission of instructor.

ANT 222 Peasant Societies 3 SH

Between two-thirds and three-quarters of the world's people may be classified as peasants and out of this, the Third World, comes today's principal revolutionary potential. Spring semester of even-numbered years. *Prerequisite:* ANT 100. **General Education: Social Sciences.**

ANT 225 Rocks, Bones and Stones: An Introduction to Archaeology 3 SH

This course will examine the prehistory of societies in both the old and new worlds: critically examining the rise of civilization in terms of several theoretical models of interpretation, including warfare, trade, population increase, stratification, specialization and domestication. Students will also be introduced to archaeological methods and the analysis and exhibition of artifacts. Spring semester of odd-numbered years. **General Education: Social Sciences.**

ANT 229 Archaeological Field Methods 6 SH

Course consists of evaluating local archaeological sites through survey, excavation, analysis and interpretation. The course has two components: approximately three weeks of field survey and excavation and approximately two weeks of laboratory analysis and interpretation. Students will be expected to devote six to eight hours a day in both the field and laboratory. Summer session only. *Prerequisite:* ANT 100. **General Education: Social Sciences.**

ANT/SOC 232 Religion and Culture 3 SH

Analysis of religion as a universal aspect of human culture expressed as belief and ritual concerned with supernatural beings, powers and forces. The function of religion in society. Fall semester of even-numbered years. *Prerequisite:* ANT 100 or SOC 100. **General Education: Social Sciences.**

ANT/SOC/ECO 234 Economic Anthropology 3 SH

This course will give both a theoretical and a practical grounding in economic anthropology by focusing on recent fieldwork and publication within economic and cultural anthropology. After students are introduced to theoretical debates and issues in the field, they will read about and discuss people in specific ethnographic contexts as they grapple with poverty, globalization, modernization, and development — always keeping in mind that the economy is closely intertwined with and cannot be understood apart from sociocultural factors in people's lives. The course will involve small-group and large-group discussions, interesting reading and a commitment to the formation of a critically thoughtful and engaged classroom community. *Prerequisites:* ANT 100 or SOC 100 or ECO 100 or permission of instructor. **General Education: Social Sciences.**

ANT/WS 236 Culture, Sex and Gender 3 SH

Course examines the cross-cultural background of sex and gender, tracing the configurations of gender from egalitarian hunting and gathering societies through gender-stratified horticultural, pastoral, agricultural and industrial societies. The course will address gender issues, such as the feminization of poverty, gender as portrayed by the media, and contemporary theoretical perspectives about the dialectics of power. Not open to first-year students. Offered periodically. **General Education: Social Sciences.**

ANT/SOC 242 Buddhism and Culture 3 SH

This course offers a fundamental understanding of the societal context and cultural principles of a major world religion. The course surveys the major events and personalities in Buddhism, and provides a basic understanding of the religion in several of its main “streams” or traditions. Principally, the course seeks to provide for students a foundational understanding of Buddhism and Buddhist societies through an ethnographic approach. Topically, the course considers Theravada, Mahayana, Vajrayana, Pure Land, Zen and Bon. Spring semester of even-numbered years. *Prerequisite:* ANT 100 or SOC 100 or permission of the instructor. **General Education: Social Sciences.**

ANT/SOC/WS 251 Women and Gender in the Middle East 3 SH

This course will explore the complex and multi-layered processes and dimensions, including texts, cultural values and practices, institutions and events which have shaped, and continue to shape, gendered experience in the Middle East. We will consider these processes in their historical context focusing mainly on the contemporary Middle East. *Prerequisite:* ANT 100 or SOC 100 or WS 100 or permission of instructor.

ANT 297 Cooperative Education**ANT 298 Faculty Developed Study 1–6 SH****ANT 299 Student Developed Study 1–6 SH****ANT/WS 321 Globalization, Gender and Feminist Anthropology 3 SH**

This class will question the complexities of globalization, paying particular attention to gendered difference. After discussing major theoretical conceptualizations of globalization, we will move on to discuss specific issues, such as: feminization of poverty; global activism; structural adjustment; and neoliberalization. Fall semester of odd-numbered years. *Prerequisite:* ANT 100 or SOC 100, or by permission of the instructor. **General Education: Social Sciences.**

ANT/SOC 330 Social and Cultural Theory 3 SH

The course proposes to integrate theoretical perspectives in sociology and anthropology. Focus is upon problems and applications of theory-building. Several major classical and modern theories of society and culture will be analyzed, investigating both their substance and their methods of approach. Alternate fall semesters. *Prerequisite:* SS 201 or advanced class standing. **General Education: Social Sciences.**

ANT 341 Cultural Resource Management 3 SH

The course presents a broad overview of the subfield of archaeology called, Cultural Resource Management (CRM). This overview covers everything from federal and state legislation (Connecticut, New York, Massachusetts, Rhode Island) to the relationship of anthropologists with Native Americans. Offered periodically. *Prerequisite:* ANT 100 or ANT 110 and one course in archaeology. **General Education: Social Sciences.**

ANT/SOC 350 Modern and Postmodern Societies 3 SH

Using a comparative and historical perspective, this course examines the cultural and social differences between societies that are labeled “modern” and those that are “traditional.” The course explores the development of the cultural and social form known as “modernity” in Western societies and its subsequent spread throughout large portions of the world. The course also looks at more contemporary changes taking place in Western societies, such as the movement towards a postmodern culture, globalization and the information revolution. Spring semester. *Prerequisite:* ANT 100 or SOC 100. **General Education: Social Sciences.**

ANT 400 Advanced Topics in Anthropology 2-6 SH

The content and credit hours of this course will vary from year to year, depending on the interests of the students and faculty. Aspects of anthropology not introduced, or not treated in depth, in other courses of the major will be introduced and/or treated in depth. Offerings will be drawn from physical, cultural and archeological subfields of anthropology. Possible topics might include: Mesoamerican archaeology, non-human primate behavior, ritual and symbolism, or anthropology of dance. The course may be repeated for credit with different content and permission of the department. The department will determine the number of credits prior to the course offering. Offered periodically. *Prerequisite:* Determined at time of offering. Open to juniors and seniors. **General Education: Social Sciences.**

The following courses also have been approved and are offered periodically:

ANT 214 Peoples and Cultures of the Pacific

ANT 226 New England Archaeology

ANT/SOC 241 Socio-Cultural Survey of Indian Religions

ANT 301 Human Evolutionary Theory: Planet of the Apes

ANT/WS 314 Native Peoples of the Southwest: Women, Spirituality and Power

ANT/SOC 322 Comparative Minority Relations

ANT/SOC 340 Culture, Change and Planning

ARABIC

ARB 101 Introductory Arabic I 3 SH

A first semester course in Arabic. Aimed at developing the four basic skills (listening comprehension, speaking, reading and writing), and preparing students for further study in the language. The discussion of distinctive cultural aspects is an integral part of this course. *General Education: Humanities/ World Languages and Literature (if ARB 102 is successfully completed).*

ARB 102 Introductory Arabic II 3 SH

A second semester course in Arabic. Further development of the four basic skills: listening comprehension, speaking, reading and writing. The discussion of distinctive cultural aspects is an integral part of this course. *Prerequisite:* ARB 101 with a grade of C- or better or placement by oral interview. *General Education: Humanities/World Languages and Literature.*

ASTRONOMY

AST 122 Introductory Astronomy 4 SH

This course is designed for non-science majors, covering current frontiers of astronomy and providing a general but firm background in astronomy. Laboratory work emphasizes the techniques of obtaining observational data and analyses and the use of the planetarium. May not be taken for credit by those having taken AST 150 Every semester. (3 hrs lecture — 2 hrs laboratory).

General Education: Lab Science.

AST 126 Navigation & Nautical Astronomy 4 SH

The course emphasizes spherical astronomy, planetary motion, position and time measuring. Topics include navigation and piloting, the use of navigational instruments and charts, satellite and space navigation and space travel (3 hrs lecture — 2 hrs laboratory). **General Education: Lab Science.**

AST/ENV 134 Extraterrestrial Environments and Intelligence 4 SH

This course deals with the origins, nature and definitions of life, internal and external factors (especially astronomical factors) that may affect earth's environment, evidence for planetary systems around other stars, and the search for extraterrestrial intelligence (SETI). This course should be attractive to both non-science and science students (3 hrs lecture — 2 hrs laboratory). **General Education: Lab Science.**

AST 150 General Astronomy 4 SH

Intended for science and mathematics students, this course surveys the theories and observations astronomers use to explore the universe. Topics include the solar system, extrasolar planets, the formation, structure and evolution of stars, galactic astronomy and cosmology. Required for the B. S. in Secondary Education – Earth Science, the B. A. in Earth and Planetary Sciences, and Minor in Astronomy (3 hrs lecture — 2 hrs laboratory). *Prerequisite:* MAT 100 or equivalent. Offered every fall (3 hrs lecture — 2 hrs laboratory). **General Education: Lab Science.**

AST 231 Introduction to Planetary Sciences 4 SH

This course deals with the observations and theories used to understand the development, structure and modification of the sun, planets and smaller bodies in our solar system and others. Among the topics considered are planetary system formation, exoplanets, remote sensing, planetary surfaces and interiors, and asteroids and comets. Required for B.A. in Earth and Planetary Sciences and Minor in Astronomy (3 hrs lecture — 2 hrs laboratory). *Prerequisite:* PHY 103 or appropriate test score and AST 150. *Pre/Co-requisite:* MAT 181 or equivalent. Offered every other spring, alternating with EPS 220/221. **General Education: Lab Science.**

AST 298 Faculty Developed Study 1–6 SH

AST 299 Student Developed Study 1–6 SH

AST 405 Planetary Physics 3 SH

This course uses the disciplines of astronomy, physics, geology, chemistry and mathematics to investigate the processes that control and modify planetary environments, locations and dynamics. Topics will include the origin and evolution of the solar system, gravitational interactions among bodies, planetary atmospheres, surface modification and interior structures and compositions. Offered every other fall (3 hrs lecture). *Prerequisite:* AST 231, MAT 182 or equivalent and PHY 111. (3 hrs lecture)

BIOLOGY

BIO 100 Concepts of Biology 4 SH

This is an introductory course for the non-science major. Basic concepts from cell structure and function to evolution and ecology are studied and related to current human concerns. Laboratory activities, which range from microscope investigation to field study, complement the lecture. Every semester (3 hrs lecture — 3 hrs laboratory). *General Education: Lab Science.*

BIO 103 General Biology I 4 SH

This is the first half of a two-semester introductory course in which the major principles of biology are studied. Topics investigated are the chemical and physical foundations of life, cell structure and function, metabolism, development and genetics. *Prerequisite:* Successful completion of MAT 098 and WRT 098, or placement testing above the 098 level in Mathematics and Writing. Fall semester — Day, Spring semester — Evening (3 hrs lecture — 3 hrs laboratory). *General Education: Lab Science only if both BIO 103 and 104 are completed.*

BIO 104 General Biology II 4 SH

This is the second half of a two-semester introductory course in which the major principles of biology are studied. Topics investigated include evolution, ecology, animal behavior and the characteristics of the five kingdoms of life (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 103 with a minimum grade of “C” or better. Fall semester — Evening, Spring semester — Day. *General Education: Lab Science only if both BIO 103 and 104 are completed.*

BIO 105 Anatomy and Physiology I 4 SH

This course is the first half of a two-semester course providing an introduction to the structure and function of the human organism. Topics covered include an introduction to anatomical terminology, biological chemistry, cells, tissues and the following systems: integumentary, skeletal, muscular and nervous. Laboratory exercises complement the lecture material. Fall semester. (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* Enrollment in a B.S. or B.A. program, as well as successful completion of MAT 098 and WRT 098, or placement testing above the 098 level in Mathematics and Writing.

BIO 106 Anatomy and Physiology II 4 SH

This course is the second half of a two-semester course providing an introduction to the structure and function of the human organism. Topics covered include the circulatory, immune, respiratory, digestive, urinary and reproductive systems. Laboratory exercises complement the lecture material. Spring semester (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 105 with a minimum grade of “C” or better.

BIO 110 The Animal World 4 SH

The characteristics of representative vertebrate and invertebrate animals are studied. The course is oriented to a phylogenetic approach, progressing from simple to complex forms. Consideration is given to functional anatomy, behavior and the role of the animal in its ecosystem. Animal dissection is a requirement in the laboratory portion of this course (3 hrs lecture — 3 hrs laboratory). *General Education: Lab Science.*

BIO 115 Plants and Society 4 SH

This course will consider the importance of domesticated plants in human societies. The plants that stand between humans and starvation will be considered in context with how plant domestication occurs. The home vegetable garden will be used as the venue for understanding domestication and the relationships between domesticated plants and their wild relatives. Other topics include the importance of wild populations in crop improvement and plants as sources of beverages, drugs, fibers and dyes. Labs will consist of bench work and field trips; the local supermarket will serve as a surrogate lab for part of the course. *General Education: Lab Science.*

BIO 123 Local Flora 2 SH

This is an introductory field course on the identification of local native plants. Experience in collecting, pressing, mounting and identifying plants. A collection of identified pressed plants is a requirement for the course. No prior experience in plant identification is required. Eight weeks (5 hrs: lecture, laboratory experiences by demonstration, discussion and field work). *General Education: Lab Science.*

BIO 124 The Flowering Plants 2 SH

This course is an introduction to biological investigation using a familiar organism, the flowering plant. Topics will include the anatomy, physiology, evolution and ecology of flowering plants (5 hrs: lecture, laboratory experiences by demonstration, discussion and field work). *General Education: Lab Science.*

BIO/ENV 129 Horticulture 2 SH

This course is an introduction to plants useful to people. It will examine the basic structure and function of plants and their culture requirements. Emphasis will be placed on methods for growing vegetables, herbs, fruits and flowers which can be used in the New England home environment. Eight weeks (3 hrs lecture — 3 hrs laboratory and field work). *General Education: Lab Science.*

BIO 132 Human Biology 4 SH

This course is intended for students not majoring in biology and will fulfill the general education lab science requirement. Human biology introduces students to the scientific method, the structure and function of the human body, diseases, the evolution of humans, and ecology. Laboratory exercises complement lecture material. Fall semester, odd-numbered years (3 hrs lecture — 3 hrs laboratory). *General Education: Lab Science.*

BIO 200 Ecology 4 SH

This course reviews the basic mechanisms regulating the interaction of living organisms with their environment. Topics include energy flow, community structure, ecological succession, population ecology and biomes. Field trips are required. Fall semester (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 103 and BIO 104.

BIO 203 Invertebrate Zoology 4 SH

This course consists of a study of the morphology and anatomy of representative invertebrate animals from a phylogenetic approach. The increasing complexity of each of the representative types is discussed (3 hrs lecture — 3 hrs laboratory).

Prerequisite: BIO 104 or BIO 110.

BIO 204 Vertebrate Zoology 4 SH

A comparative study is made of the vertebrate classes. The anatomy, physiology, evolution and behavior of the vertebrate classes will be surveyed, with an emphasis on the phylogenetic continuity of structures and functions. The laboratory will stress anatomy while lectures will stress physiology and evolution (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 103 and BIO 104.

BIO 205 Animal Physiology 4 SH

This course is an introduction to the physiology of animals. Although mammals will be emphasized, invertebrates and other vertebrates will also be covered. Anatomy pertinent to physiology will be discussed. Laboratory experiments complement lecture material and introduce students to various laboratory techniques. Spring semester (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 104 or BIO 110.

BIO 207 Plant Physiology 4 SH

This course includes the growth and development of the plant and its parts, the relation of plants to water and minerals, and the effects of environmental factors on plant morphology, photosynthesis, and respiration (3 hrs lecture — 3 hrs laboratory).

Prerequisite: BIO 104 or BIO 111.

BIO 208 Animal Behavior 4 SH

The biological basis of natural animal behavior will be studied with a stress on ecological and evolutionary considerations. Mechanisms of social behavior will be examined, as will specific examples of social systems (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 104.

BIO 215 Microbiology 4 SH

This course is intended for non-biology majors. In the course we will survey important microorganisms found in our environment, with special attention given to those that parasitize humans and animals. Lectures include structure, metabolic activities, control and host response to infection. Laboratory provides supporting study of all groups, with emphasis on the culture, identification and metabolic activities of bacteria. Fall semester (2 hrs lecture — two 2-hr laboratories). *Prerequisite:* CHE 121 and BIO 106 or permission of instructor.

BIO 216 General Microbiology 4 SH

This course is intended for biology majors. In this introductory course students will study the fundamental structural and metabolic characteristics of microorganisms (mainly prokaryotes) and will learn basic techniques for enrichment, selection, isolation, enumeration and identification. In the course we will address not only the ability of microorganisms to cause disease, but also their role in research, their importance in functional ecosystems and their economic significance. Spring semester, even-numbered years (2 hrs lecture — two 2-hr laboratories). *Prerequisite:* BIO 104 and CHE 111, or permission of instructor. Not open to students who have passed BIO 215.

BIO 225 Cancer Biology 3 SH

Cancer biology will introduce the student to cancer in the context of abnormal cell division and specialization. A study of the history, current status and likely future aspects of our understanding of this disease will be undertaken (3 hrs lecture).

Prerequisite: One four-credit biology course.

BIO 297 Biology Cooperative Education

BIO 298 Faculty Developed Study 1–6 SH

BIO 299 Student Developed Study 1–6 SH

BIO 300 Cell Biology 4 SH

This course is a study of the activities of cells, including evolutionary and molecular perspectives. The laboratory work will include an examination of different types of cells, the cellular environment, cell culture, cellular bioenergetics and cell work, as well as an introduction to the instrumentation used to study cellular activities. Spring semester (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* Junior standing in biology; one semester of organic chemistry.

BIO 310 Vertebrate Embryology 4 SH

This course is a study of the development of selected vertebrates, providing a foundation for understanding the embryological development of the human body (2 hrs lecture — two 2-hour laboratories). *Prerequisite:* BIO 104 or 110.

BIO 311 Developmental Biology 4 SH

A study of the concepts of plant and animal development provides a basis for the organization of much interdisciplinary information. A consideration of the historical development and current status of these concepts make up the subject matter of the course (2 hrs lecture — 4 hrs laboratory). *Prerequisite:* BIO 104 or BIO 110 and BIO 111 and junior standing in biology.

BIO 312 Genetics 4 SH

This course will cover the basic principles of genetics, including classical genetics, molecular genetics, gene expression, quantitative genetics, cytogenetics, population genetics and evolutionary genetics. Fall semester. (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 103 and BIO 104 and junior standing.

BIO 320 Conservation Ecology 4 SH

This course will explore the rapidly expanding field of conservation ecology and management of the detrimental impact humans have on their biological environment. Basic ecological issues will be considered in context of principles of ecology, population biology and wildlife management — from global, regional, and local perspectives. Laboratory consists of field trips and guest lectures. *Prerequisite:* BIO 200.

BIO 321 Immunology 4 SH

This course is an introduction to the mammalian immune system. Lectures include discussion of antibody formation and function, cellular immune responses, allergies, tissue transplantation, cancer and disorders of the immune system. Laboratory experiments complement lecture material while introducing the student to immunological research techniques. Fall semester, even-numbered

years (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 103 and BIO 104, a year of college chemistry and junior standing in biology, or permission of instructor.

BIO 325 Evolutionary Biology 3 SH

This course emphasizes evolution as the unifying theme of biology. Topics covered will include evidence for evolution, historical evolution of life, mechanisms of evolutionary change and the molecular basis of evolution. Current ideas and controversies in evolutionary biology will be discussed. Spring semester (3 hrs lecture). *Prerequisite:* BIO 312 or permission of instructor.

BIO 330 Systematic Biology 3 SH

This course will cover the science behind our understanding of the tree-of-life. A focus will be the taxonomic revolution that is sweeping biology and its relationship to conceptual advances in data analysis and advances in DNA technologies. Topics covered will include the nature of species, how relationships between species are estimated based on both morphological and molecular data, what these data reveal about evolutionary relationship, and how the resulting classifications are used as tools in the present biodiversity crisis. Examples will be taken from all kingdoms of life to illustrate the principles discussed (3 hours lecture).

Prerequisite: BIO 103, BIO 104 and BIO 200.

BIO 360 Scientific Communication 2 SH

This course is designed to familiarize students with the art of scientific communication. Techniques of literature search, scientific writing, and seminar presentations of scientific research are included. Appropriate student assignments are made for each phase of the discussion and include writing a grant proposal for a research project. Spring semester (2 hrs lecture). *Prerequisite:* junior standing in biology.

BIO/ED 385 Methods of Teaching 3 SH in the Secondary Schools

See ED/BIO 385

BIO/ED 386 Secondary Education 1 SH Professional Development School Experience

See ED/BIO 386

BIO 410 Topics in Molecular Genetics 4 SH

This course will cover selected topics in molecular genetics, with emphasis on current developments in gene structure and expression and on applications to biotechnology. Laboratory exercises will consist of an integrated set of experiments culminating in cloning of a prokaryotic gene. Emphasis will be on experimental design and analysis (3 hrs lecture — 3 hrs laboratory).

Prerequisite: BIO 312 or CHE 421 or equivalent.

BIO/CHE 440 Molecular Biology 3 SH

A consideration of the molecular bases of biological phenomena (3 hrs lecture). *Prerequisite:* junior standing in the major or permission of the instructor.

BIO/ED 442 Teaching Science in 3 SH Secondary Schools

See ED/BIO 342.

BIO 450 Population Ecology 3 SH

This course will consider the theoretical, experimental, and empirical foundations of population ecology. Topics covered will include density-independent and density-dependent mechanisms of population regulation, life history evolution, competition, predator-prey relationships, metapopulations, island biogeography, and applications to conservation biology (3 hrs lecture).

Prerequisite: BIO 200 or equivalent; MAT 101 recommended.

BIO 470 Entomology 4 SH

This course provides a broad examination of insect structure, physiology, ecology, and classification. The ecological role of insects in ecosystem processes will be emphasized. The laboratory will provide experience in field and lab techniques used in the study of insects (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* BIO 104 and BIO 200 or equivalent.

BIO 475 Climate Ecology 3 SH

This multi-disciplinary course will discuss the nature of climate and the manner that it affects humans and other living organisms. The following central themes will be developed: how we study climate over Earth's history, how climate has provided the context for evolutionary and cultural changes, and the likely effects of climate change on organisms, communities, and ecosystems in the future (3 hrs lecture). *Prerequisite:* BIO 200 or permission of the instructor.

BIO 480 Group Senior Research 3 SH

Students learn skills and techniques necessary for designing and carrying out a research project related to the research specialty of the faculty member leading the course and integrated with the primary scientific literature. Students participate in laboratory and written activities and engage in peer discussion and evaluation. The goals of the course are for students to work with the faculty member to: a) articulate testable hypotheses; b) design, set-up, and execute experiments to test such hypotheses; c) collect, quantitatively analyze and interpret data; d) effectively present their research findings orally and in a written report. The course includes seminar attendance requirements, and may include guest presentations, field trips and other experiences designed to inspire interest in real-life scientific investigation. Each student will make a presentation to the department at the end of the course. Every semester (2 hrs lecture — 4 hrs laboratory). *Prerequisite:* BIO 360 and Senior standing.

BIO 490 Advanced Senior Research 3 SH

A collaboration between a student and a sponsoring faculty member on an original research project. Students must negotiate a plan of action with a faculty member and submit a written hypothesis-driven proposal for approval by the department by the end of the semester prior to enrollment in this course. The student and faculty member work closely on developing the proposal. Students interested in applying should request proposal guidelines and submission deadlines from the department. Final written and oral reports are required. Every semester. *Prerequisite:* BIO 360 and 3.0 grade point average or higher in the major. Sponsoring faculty may require completion of BIO 299 prior to submission of written proposal. Can be used to fulfill Departmental requirement for BIO 480 Group Senior Research.

The following courses also have been approved and are offered periodically:

BIO 108 The Microbial World

BIO 111 General Botany

BIO 125 Food and Human Nutrition
BIO/ENV 126 Animals and Their Environment
BIO 130 Human Life before Birth
BIO 133 Human Development before Birth
BIO/ENV 156 Biology of the Environment
BIO 206 Plant Morphology
BIO 212 Plant Diversity and Evolution
BIO 400 Environmental Microbiology

CHEMISTRY

CHE 100 Concepts of Chemistry 4 SH

This one-semester course is designed for the under-prepared student to enter CHE 110 or CHE 120. Using a mathematical and quantitative approach, it concentrates on basic concepts and principles. Among these are the scientific method and philosophy, measurement, nomenclature, atomic structure, formulas and equations, periodicity, bonding, solutions, acids, bases, salts, stoichiometry and redox reactions. Emphasis will be placed on the mole concept. By attaining a grade of "C" or better in this course, a student will be admitted to CHE 110 without the placement exam. Students majoring or minoring in chemistry may not apply credit for this course toward meeting their chemistry requirements. Every semester (3 hrs lecture — 2 hrs lab). *Prerequisite or Corequisite:* MAT 100 or equivalent. Science majors should consult with their departments.

CHE 102 Everyday Chemistry I 4 SH

Designed for non-science majors. The goal of this course is to give the nonscientist an appreciation of the contributions of chemistry. Concepts will be presented in a nonmathematical approach. Areas to be covered include biochemical drugs, genes, enzymes; ecological-pollution, water testing, food additives; synthetic-soaps, detergents, alcohol, artificial flavors; energy-car battery, alternative energy sources. Laboratory experiments will complement the lecture. Every semester (3 hrs lecture — 2 hrs laboratory). *General Education: Lab Science.*

CHE 110, 111 General Chemistry I & II 8 SH

This full-year course comprises a thorough survey of the modern principles of chemistry. Emphasis during the first semester is on atomic and molecular structure, quantitative relationships, thermodynamics and electrochemistry. In the second semester the emphasis is on physical and chemical equilibria, kinetics and descriptive chemistry. Every semester (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* a "C" grade or better in CHE 100 or placement examination is required for admission to course. CHE 110 or equivalent is prerequisite for CHE 111. *General Education: Lab Science*

CHE 120, 121 Survey of Chemistry 8 SH

This continuous two-semester course comprises the fundamentals of inorganic chemistry, organic chemistry and biological chemistry which are necessary for elementary courses in physiology, nutrition, pharmacology, bacteriology and other courses in the nursing and health-related fields. The laboratory experiments are designed to emphasize the main topics (3 hrs lecture — 3 hrs laboratory). Permission must be obtained from either the instructor or the department chairman in order to enter CHE 121 by transferring credit for the equivalent of CHE 120 from another school. *Prerequisite:* Chemistry placement exam or a grade of "C" or better in CHE 100 is required. CHE 120 or equivalent is prerequisite for CHE 121. CHE 120: fall, spring; CHE 121: spring, summer only. *General Education: Lab Science.*

CHE/ENV 205 Analytical Chemistry Lecture 3SH

This course is designed to meet the needs of the students majoring in chemistry, biology, medical technology and pre-medicine. The theoretical aspects of modern analytical chemistry will be studied. Topics included are: data evaluation with error analysis, gravimetric, titrimetric, chromatographic, electroanalytical and optical methods of analyses (3 hrs lecture). *Prerequisite:* CHE 111. *Prerequisite or Corequisite:* CHE 206.

CHE/ENV 206 Analytical Chemistry Laboratory 2 SH

This is a laboratory course designed to complement the lecture material in CHE 205. Acquisition of data by accurate and precise manipulative techniques is emphasized. Data reduction is accomplished by computer analysis. Areas of analysis include: gravimetry, titrimetry, potentiometry, chromatography, visible and ultraviolet spectroscopy, atomic absorption and atomic emission spectroscopy (two 3-hour laboratories per week). *Prerequisite:* CHE 111. *Prerequisite or Corequisite:* CHE 205.

CHE 210, 211 Organic Chemistry I & II 8 SH

A full-year course designed to present the principles and theories of the chemistry of the principal groups of carbon compounds. These various groups will be interrelated on the basis of common reaction mechanisms. *Prerequisite* for CHE 210: CHE 110 and a "C" or better in CHE 111 or equivalent (3 hrs lecture — 3 hrs laboratory). *Prerequisite* for CHE 211: CHE 210 or equivalent. CHE 210: fall semester, CHE 211: spring semester.

CHE 250 Chemistry Seminar 5 SH

This course is designed to provide those topics and skills necessary for a complete background in chemistry which are not found in other structured chemistry courses. Topics covered will include such areas as OSHA regulations, handling and disposal of toxic substances, use of chemical literature such as Chemical Abstracts, Scientific Information Retrieval Systems and technical writing. Student presentations will cover topics mutually agreed upon by the students and faculty. This course may be repeated as often as desired. A minimum of 1 semester hour is required and a maximum of 2 semester hours may be applied toward graduation. Grading will be on a pass/fail basis. Every semester.

CHE 260 Concepts of Physical Chemistry 2 SH

This one-semester course will encompass the chemistry, physics and mathematics concepts and skills required for understanding the theoretical foundations of classical thermodynamics, kinetics, quantum mechanics, and statistical thermodynamics. Specific applications of the following topics to chemistry will be covered: models of translation, rotation and vibration; differentials, integrals and multivariable functions in chemical theory; vectors and physical coordinate systems; operators; fundamental differential equations in physical problems; matrices and determinants; error calculations; statistics in chemistry; numerical methods; and group theory and chemical structure. This course is recommended for students who plan to take CHE 300/301. Students majoring or minoring in chemistry may not apply credit for this course toward the chemistry requirements. *Prerequisite:* CHE 111, MAT 182 and PHY 110.

CHE 297 Cooperative Education in Chemistry (Cooperative Research) 12 SH

The student carries out a full-time work experience in an available, departmentally approved position for a predetermined duration. Generally, junior-level standing in chemistry is required. A 2.0 overall GPA and 2.5 in CHE 110-111, 205-206, 210-211 is required. CHE 300 is strongly recommended before CO-OP (or, in rare cases, may be taken during). CO-OP may be taken more than once with certification by the department that it is a uniquely different cooperative experience. Every semester.

CHE 298 Faculty Developed Study 1–6 SH**CHE 299 Student Developed Study 1–6 SH**

A vehicle designed to provide students with an opportunity to develop their own learning experience. Students will design a project and secure a faculty sponsor to work with them. May be utilized more than once. Open to students of all classes.

Prerequisite: Permission of faculty sponsor and department; approval of dean.

CHE 300, 301 Physical Chemistry I & II 8 SH

This full-year course is designed to provide a theoretical study of the behavior of matter in the gaseous, liquid and solid states through analysis of the principles of thermodynamics, chemical kinetics and equilibria, chemistry of solutions, atomic and molecular structure (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* CHE 205, 206, 211, MAT 182, PHY 111. CHE 300: Fall semester, CHE 301: Spring semester. CHE 300 is prerequisite for CHE 301.

CHE 311 Inorganic Chemistry 4 SH

An introduction to modern concepts of inorganic chemistry, including electronic structures, molecular structures and periodic classification of the elements. Additional topics will be selected from the following areas: bonding theories, quantum theory, solid state theory, transition metal complexes, methods of structural determination, bioinorganic chemistry and instrumental techniques currently used in inorganic chemistry. The experiments chosen are to illustrate inorganic synthetic techniques, methods of purification and methods of characterization. Alternate fall semesters (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* CHE 205, CHE 206 and CHE 211.

CHE 330 Senior Research in Chemistry 4 SH

Open to senior chemistry majors only, this course will consist of an individual research project designed to give experience in planning and conducting research. The use of modern instruments and techniques will be emphasized. This course is required for an ACS-approved degree. Every semester (1 hour lecture — 9 hrs laboratory). *Prerequisite or Corequisite:* CHE 300.

CHE 340 Material Chemistry 3 SH

This course applies fundamental principles of physics and chemistry to understand the structures of materials in order to design materials with desired properties for new applications. Topics that will be discussed include: electrical, mechanical, thermal, optical and chemical properties of metals, ceramics, composites, electronics, magnetic and polymeric materials, their atomic, molecular and crystalline structures and the relationships between those structures and properties. Offered every other year.

Prerequisite: CHE 205, 206 and 210.

CHE/ED 385 Methods of Teaching 3 SH in the Secondary Schools See ED/CHE 385**CHE/ED 386 Secondary Education 1 SH Professional Development School Experience**

See ED/CHE 386

CHE 400 Instrumental Analysis Lecture 3 SH

The intent of this course is the effective and knowledgeable use of modern chemical instrumentation in order to solve chemical problems. Areas covered will include theory and fundamental concepts of instrumentation with application and interpretation of results. Topics include: analog and digital electronics and electroanalytic, spectroscopic and chromatographic methods. Spring semester. *Prerequisite:* CHE 205, 206, 211 and 300; PHY 111.

CHE 401 Instrumental Analysis Laboratory 2 SH

Laboratories complement the lecture material in CHE 400. Experiments include selections of the following techniques and instruments: spectroscopic (UV/VIS, FTIR, photoluminescence, AA/ICPOES/FTNMR), chromatographic (GC, HPLC), mass spectrometric (MALDI-TOF, quadrupole MS) and hyphenated instrumental methods, GC-MS (two 3-hour laboratories per week).

Prerequisite: CHE 205, CHE 206, CHE 211 and CHE 300; PHY 111. *Corequisite:* CHE 400. (Two 3-hour laboratories per week)

CHE 415 Medicinal Chemistry 3 SH

The course will cover important classes of drugs (analgesics, drugs affecting the central nervous system, the cholinergic and adrenergic system, the immune response, antithrombotic agents, antihypertensives, peptides, prostaglandins) as well as general principles in drug research (bioisosterism, receptors, pharmacokinetics.) *Prerequisite:* CHE 211 or permission of instructor. (3 hrs lecture)

CHE 420 Advanced Topics in Organic Chemistry 3 SH

The content of this course may vary from year to year, depending on the interests of students. Aspects of organic chemistry not introduced in CHE 210, 211 will be introduced and topics introduced in CHE 210, 211 will be treated in much greater depth. Examples that could be included are: heterocyclics, natural and synthetic polymers, photochemistry, medicinal chemistry, natural products and molecular orbital symmetry rules. Alternate fall semesters (3 hrs lecture). *Prerequisite:* CHE 211

CHE 421, 422 Biochemistry Lecture I & II 6 SH

This full-year course comprises a study of the major classes of biologically important compounds, their metabolic interconversions and enzymology. Emphasis is on the application of fundamental chemical principles to biological systems (3 hrs lecture). *Prerequisite:* CHE 211 or equivalent. CHE 421 or equivalent for CHE 422. CHE 421: fall semester. CHE 422: spring semester.

CHE 431 Biochemistry Laboratory 2 SH

A laboratory course which provides an introduction to many of the methods used in modern biochemical research and analysis and the principles on which they are based. Methods covered include UV/Vis spectrophotometry, electrophoresis, gel chromatography, HPLC, enzyme kinetics and recombinant DNA techniques. Students work with considerable independence.

Spring semester. *Prerequisite:* CHE 205, CHE 206, CHE 211 and CHE 421 (two 3-hr laboratories per week). *Prerequisite or Corequisite:* CHE 422.

CHE/BIO 440 Molecular Biology 3 SH

See BIO/CHE 440

CHE/ED 442 Teaching Science in Secondary Schools 3 SH

See ED/CHE 442

The following courses also have been approved and are offered periodically:

CHE 104 Principles of Chemistry

CHE 202 Everyday Chemistry II

CHE 220 Introduction to Organic Chemistry

CHE 305 Biophysical Chemistry

CHE 320 Clinical Biochemistry

CHE 438 Molecular Biochemistry of Nucleic Acids

CHINESE

CHI 162 Introductory Chinese I 3 SH

A first-semester course in Mandarin Chinese. Aimed at developing the four basic skills: listening comprehension, speaking, reading and writing; and preparing students for further study in the language. The discussion of distinctive cultural aspects is an integral part of this course. **General Education: Humanities/World Languages and Literature (only if CHI 164 is also successfully completed).**

CHI 164 Introductory Chinese II 3 SH

A second-semester course in Mandarin Chinese. Further development of the four basic skills: listening comprehension, speaking, reading and writing. The discussion of distinctive cultural aspects is an integral part of this course. **Prerequisite:** CHI 162 with a minimum grade of “C-” or better or placement by oral interview. **General Education: Humanities/World Languages and Literature.**

COMMUNICATION

COM 110 Sight, Sound & Motion 3 SH

An exploration of the elements common to basic chemical and magnetic media processes and their creative application. Every semester. **General Education: Humanities/Communication.**

COM 146 Basic Video Production 3 SH

The portable single camera system explored through both spontaneous and planned shooting with post-production use of editing, presentation and critical analysis. Every semester.

COM 160 Public Speaking 3 SH

This course is an introduction to the concepts, theories, and skills of effective public communication. It includes the consideration of successful public speaking techniques and strategies for selecting speech topics, argument construction, and delivery. **General Education: Oral Communication.**

COM 161 Decision Making in Groups 3 SH

A study of the principles and techniques of problem-solving through group activity. Emphasis on group discussion and parliamentary procedure. Every semester. **General Education: Oral Communication.**

COM 162 Interpersonal Communication 3 SH

Working from the assumption that the basis of a meaningful existence is the ability to engage in gratifying and ethical relationships with others, this class examines the complex nature of face-to-face interaction. Course lectures, readings, and discussions consider the nature of communication, reality, language, and nonverbal communication and relationships. Class activities focus on improving awareness and understanding of the communication of oneself and others; and providing the skills necessary to make conscious choices about how to present one's self and interact with others. Every semester. **General Education: Oral Communication.**

COM 163 Living in Communication 3 SH

This course is a survey of the discipline of human communication. The areas covered include interpersonal, small group, public, mediated, intercultural, and organizational communication. Readings and discussions will consider the perspectives taken by communication researchers and well as the nature of the questions they ask in their efforts to understand our social world. The course also considers what skills are necessary to achieve ethical communicative competence in each of these areas. **General Education: Oral Communication or General Education: Humanities/Communication.**

COM 190 Introduction to Mass Communication 3 SH

This course focuses on the impact of mass communication on culture. Topics include a survey of the development of modern communications technologies and media and some of the legal and social issues which emerged with and because of them. **General Education: Humanities/Communication.**

COM 200 Language and Communication 3 SH

The role of language as central feature of the communication process will be explored by examining the development and the nature of language. Particular emphasis will be placed upon the analysis of language in interpersonal communication. Spring semester. **Prerequisite:** COM 162. **General Education: Humanities/Communication.**

COM 203 Health Communication 3 SH

This course will explore how communication creates and sustains or contradicts and changes concepts of health and provisions of health care. Issues of health and health care will be explored in the following contexts: how health and illness shape personal identity; interpersonal communication between health care provider and patient; the consequences of serious illness on family communication; self-help groups; intercultural communication issues in providing and accessing health care; and the media as creator of definitions of health and provider of health information. Alternate spring semesters. **Prerequisite:** COM 161 or 162. **General Education: Humanities/Communication.**

COM 205 Communication Environments 3 SH

Students examine the ways in which the nature of communication in selected social and mass media environments structures interaction. Fall semester. Students are required to participate in course-related activities. **Prerequisite:** COM 160, 161, 162, or 163. **General Education: Humanities/Communication.**

COM/ANT 208 Intercultural Communication 3 SH

See ANT/COM 208

COM 210 Nonverbal Communication 3 SH

Factors involved in nonverbal communication such as space, body language, vocal nuance and time, will be analyzed as they relate to the transmission of verbal messages and to the communication situation as a whole. Students will be expected to familiarize themselves with research findings in this area and to use this as a foundation for studying and improving their own communication behavior. Every semester. **Prerequisite:** COM 162. **General Education: Humanities/Communication.**

COM/WS 211 Women, Language & Communication 3 SH

An exploration of the theories that account for variations, similarities and differences among female speakers and between female and male speakers. Emphasis is placed on women's speech in a variety of contexts in both public and private settings. Alternate spring semesters. **Prerequisite:** COM 161 or COM 162. **General Education: Humanities/Communication.**

COM 212 Effective Listening 3 SH

This course focuses on improving understanding of the listening process in both theory and practice. The primary emphasis is on listening in a variety of face-to-face contexts, but also includes consideration of the mass media. Fall semester. **Prerequisite:** COM 161 or COM 162. **General Education: Humanities/Communication.**

COM 215 Family Communication 3 SH

This course examines communication as it functions in family systems. Students will focus on identifying patterns of communication, development of communication rules, information processing and research issues related to the field. Spring semester. *Prerequisite:* COM 160, COM 161, or COM 162. *General Education: Humanities/Communication.*

COM 219 Ethical Responsibility in Human Communication 3 SH

Explore and assess issues of responsibility and ethical standards in the field of communication, in both mediated and face-to-face contexts. Goals of this course include recognition of ethical issues; stimulation of the moral imagination; development of critical/analytical skills, a sense of moral obligation, the ability to consider and speak competently on ethical issues in the field, and to tolerate disagreement. Every semester. *Prerequisite:* Sophomore standing. *General Education: Humanities/Communication.*

COM 230 History of Mass Media 3 SH

Students will examine the origins, structure and functions of major forms of mass media such as print, the phonograph, radio, television, movies and computers. The interaction of media and culture will be stressed. Fall semester. *Prerequisite:* Sophomore standing. *General Education: Humanities/Fine Arts; Humanities/Communication.*

COM 235 Preproduction for Television and Film 3 SH

This course introduces students to the organizational aspect of media production, taking the abstract idea to the production stage. Students will exercise the skills required to plan a production. They will be required to write a script breakdown, estimate a budget, work with and hire talent, and write treatments and proposals for funding and production. Students will be required to research their projects for accuracy and legal clearances. Alternate fall semesters. *Prerequisite:* COM 110 or COM 146 with a "B-" or higher. *General Education: Humanities/Communication.*

COM 242 Script Writing 3 SH

Workshop in the process of developing written scripts for various media formats such as the documentary, the technical and instructional film and videotape, the teleplay and the screenplay. Alternate fall semesters. *Prerequisite:* COM 110 or COM 146, and a writing-intensive ("W") course with a "B-" or higher. *General Education: Humanities/Communication.*

COM 243 Broadcast Writing 3 SH

An exploration of the principles and practice of writing for radio and television. Students will prepare a variety of written materials for presentation in both media. Alternate spring semesters. *Prerequisite:* COM 110 or COM 146, and a writing intensive ("W") course with a "B-" or higher. *General Education: Humanities/Communication.*

COM 246 Intermediate Video Production 3 SH

Production of a studio television program utilizing photography, graphics, film and sound. Spring semester. *Prerequisite:* COM 146 with a "B-" or higher. *General Education: Humanities/Fine Arts/Studio.*

COM/THR 252 Acting for the Camera 3 SH

See THR/COM 252

COM 260W Thinking through Communication 3 SH

Readings, discussions and writing assignments focus on core questions that inform our understanding of communication. Moving from personal opinion towards well-reasoned and articulated, sourced-based argument, students will learn critical methods of inquiry, and build their observational, analytical, research, and writing skills. *Prerequisite:* "C" or better in WRT 101 or appropriate placement score in General Education Writing; sophomore standing; COM/Media Arts major in good standing (2.0 GPA); one Communication class with a C or better. *General Education: Meets Writing Intensive requirement for COM majors. Meets Humanities/Communication requirement and/or WI for all others.*

COM 263 Persuasion and Propaganda in Media 3 SH

An analysis of the central themes and techniques of persuasion and propaganda used in the media of television, radio, theater and cinema; special consideration given to the appeals used, the devices of measurement and the role of media in society. Fall semester. *Prerequisite:* COM 190. *General Education: Humanities/Communication.*

COM 264 Argumentation and Debate 3 SH

Consideration of theories, practices and experimental studies in argumentation and debate; delivery of various types of argumentative speeches and debates. Alternate spring semesters. *Prerequisite:* COM 160, COM 161 or COM 162. *General Education: Humanities/Communication.*

COM 266 The Rhetoric of Contemporary Conflict 3 SH

A study of contemporary orators, issues and rhetorical circumstances in the United States. Emphasis on the emergence of the uniquely persuasive language and techniques of the spokespersons for contemporary extremist positions. Alternate spring semesters. *General Education: Humanities/Communication.*

COM 267 Rhetoric of American Issues: 1830 to Present 3 SH

Selected American orators, their speeches and audience reaction to relevant social issues from 1830 to present. Alternate fall semesters. *General Education: Humanities/Communication.*

COM 268 Public Communication 3 SH

This course provides an introduction to the basic concepts, theories and principles of persuasive communication. Students will explore the discovery and arrangement of ideas, discursive modes and styles, audience analysis, the use of evidence and reasoning to support claims, and consider some aspects of the ethics of communication. They will develop new critical thinking skills and enhance their ability to listen skillfully to public discourse. *General Education: Oral Communication or General Education: Humanities/Communication.*

COM 270 Fundamentals of Radio Broadcasting 3 SH

Theory and practice of radio broadcasting as exemplified in announcing, newscasting and commercials are studied in workshop atmosphere. Consideration is given to special requirements of voice and articulation. Station organization and FCC regulations are examined. Fall semester. *General Education: Humanities/Communication.*

COM 271 Exploring the Film 3 SH

An introduction to the film as a communication medium, including historical, theoretical and critical approaches to the film experience, providing students opportunities to interact with film and, through a variety of transactions, develop their perceptions and critical awareness of the film experience. Representative films will be viewed and discussed. Students will be expected to do a series of papers examining how specific films communicate. Spring semester. *Prerequisite:* Sophomore standing. **General Education: Humanities/Communication.**

COM 272 History of the American Film 3 SH

An examination of the development of the technological, sociological, and economic aspects of the American film industry and their effects on American life. Alternate fall semesters. *Prerequisite:* Sophomore standing. **General Education: Humanities/Communication.**

COM/PS 273 Politics in Film 3 SH

See PS/COM 273

COM 275 Radio Workshop 1–3 SH

A workshop on the application of technical and management skills to the operation of radio stations. Considerable attention will be paid to practical problems such as training personnel for air work, broadcast journalism, station promotion, programming and production. A minimum of three hours per week attendance at workshop meetings and three hours per week working at a radio station are required. Repeatable to six hours, three hours of which may be used as major elective credit in Communication Studies or Media Arts and additional credits to be applied for free electives. Every semester.

COM 276 Debate Workshop 1–3 SH

This course is a workshop in the development and improvement of the skills used in formal debates, including competitive speaking. Considerable attention will be devoted to research, analysis, and the composition of arguments. The course is repeatable to a maximum of six semester hours of free elective credit, three hours of which may be used as major elective credit in Communication Studies.

COM 290 Communication Theory 3 SH

A consideration of the ways in which theories conceptualize human and mass communication. The course considers the historical development of the academic field of communication and assumptions embedded in theory. Special attention is paid to the questions and answers communication researchers generate. The focus is on the practical applications of theory in everyday life. Every semester. *Prerequisite:* COM 161 or COM 162 and one other COM course. **General Education: Humanities/Communication.**

COM 298 Faculty Developed Study 1–6 SH

COM 299 Student Developed Study 1–6 SH

COM 310 Business and Professional Speaking 3 SH

Students examine situations they are likely to encounter in business and professional fields and practice exercises designed to improve communication skills in such areas as briefings, presentational and manuscript speaking, interviewing and counseling and speaking in meetings. Alternate fall semesters. *Prerequisite:* junior standing. **General Education: Humanities/Communication.**

COM 336 Postproduction 3 SH

This intensive course combines theoretical and practical editing procedures and techniques. The emphasis of this course is on media aesthetics, terminology, problem-solving, creative options, the process of organizing material, continuity and pacing, constant screenings or concepts discussed, lab sessions, and practical experience on editing systems. Alternate spring semesters. *Prerequisite:* COM 246 with a B- grade or higher. **General Education: Humanities/Communication.**

COM 362 Organizational Communication 3 SH

A study of communication patterns in various organizational settings with an emphasis on the strategies of the exchange of information, ideas and feelings up, down and across organizational lines. Additional emphasis will be given to the development of communication skills for effective problem-solving within an organizational setting. Fall semester. *Prerequisite:* COM 161 or COM 162 or COM 310. **General Education: Humanities/Communication.**

COM 371 Film and Video Art 3 SH

An exploration and critical examination of works produced by film and video artists. These works are sometimes compared to poetry, in that they are highly imagistic and elliptical. Students will be provided with challenges to help develop their analytical and interpretive skills. *Prerequisite:* Junior standing or permission of the instructor. Alternate fall semesters. **General Education: Humanities/Communication.**

COM/ENG 372 Film and Literature 3 SH

See ENG/COM 372

COM 390 Research Methods in Communication 3 SH

Designed for majors, the course focuses on the methods of conducting qualitative and quantitative research in communication. Students will learn to conduct qualitative research methodologies such as in-depth interviews and focus groups and analyze the discussions using content analysis. Students will learn to design surveys and apply and interpret bivariate statistics. Every semester.

COM 391 Special Topics in Media Studies 3 SH

This course offers students the opportunity to study current communication issues in depth. Course may be repeated for credit as long as the course topic is different. *Prerequisite:* COM 110 or COM 190 and Junior standing.

COM 392 Special Topics in Relational Communication 3 SH

This course offers students the opportunity to study current communication issues in depth. Course may be repeated for credit as long as the course topic is different. *Prerequisite:* COM 162 and Junior standing.

COM 393 Special Topics in Rhetoric/Public Address 3 SH

This course offers students the opportunity to study current communication issues in depth. Course may be repeated for credit as long as the course topic is different. *Prerequisite:* Determined by course topic or permission of the instructor, Junior standing.

COM 394 Special Topics in Media Production 3 SH

This course offers students the opportunity to study current communication issues in depth. Course may be repeated for credit as long as the course topic is different. *Prerequisite:* COM 146 and Junior standing.

COM 408 Strategies of Persuasion 3 SH

Strategies of persuasion, both traditional and contemporary, are explored. Preparation and presentation of persuasive speeches. Alternate fall semesters. *Prerequisite:* COM 160, COM 161 or COM 162 and Junior standing or higher. **General Education:** *Humanities/ Communication.*

COM/PS 411 Politics and the Media 3 SH

See PS/COM 411. General Education: Social Sciences.

COM 420 Readings in Interpersonal Communication 3 SH

Students will investigate the message processes, strategies and patterns of communication within personal relationships. Emphasis will be placed upon reviewing and applying the original literature in these areas of interpersonal communication. Fall semester. *Prerequisite:* COM 162, Junior standing (60 or more earned credits) and one of the following: COM 200, COM 203, COM 208, COM 210, COM 211, COM 212, COM 215, or COM 362. **General Education:** *Humanities/Communication.*

COM 442 Communication Law 3 SH

An analysis of the philosophies and history of freedom of expression, speech and press rights under the First Amendment and the current status of broadcast regulation. Alternate spring semesters. *Prerequisite:* Junior standing and a passing grade in a writing intensive ("W") course. **General Education:** *Humanities/Communication.*

COM 444/WS 444 Women & the Media in the US 3 SH

Through critical analysis and practical experience students deal with the art of directing a video production. The class looks at and discusses the conceptualizations and techniques of established directors. Production assignments manipulate and create techniques of production. The course examines fiction and non-fiction narrative as well as objective versus subjective storytelling. The student is required to identify and describe established techniques and create a short production. The production utilizes the concepts and techniques developed during the semester. *Prerequisite:* Junior standing and a passing grade in a writing intensive ("W") course. **General Education:** *Humanities/Communication.*

COM 446 Advanced Video Production 3 SH

Through critical analysis and practical experience students deal with the art of directing a video production. The class looks at and discusses the conceptualizations and techniques of established directors. Production assignments manipulate and create techniques of production. The course examines fiction and non-fiction narrative as well as objective versus subjective storytelling. The student is required to identify and describe established techniques and create a short production. The production utilizes the concepts and techniques developed during the semester. Alternate spring semesters. *Prerequisite:* COM 235 and COM 336 with a "B-" grade or higher. **General Education:** *Humanities/Communication.*

COM 476 Film Theory 3 SH

Reading and discussion of the major aesthetic theories that have been developed to explain the significance and the essence of the cinema as an art, an entertainment and a system of communication. Among the issues to be considered will be the relationship of cinema to other semiotic systems, the role of cinema in the culture as a whole, and the highest values of cinema as an art. Appropriate films or passages of films will be screened to test or illuminate the various theories. Alternate fall semesters. *Prerequisite:* COM 271 or permission of the instructor. **General Education:** *Humanities/Communication.*

COM 480 Media Criticism 3 SH

The critical exploration of mass media including entertainment media, news, and advertising from a variety of theoretical perspectives. Emphasis is on the ways the media serves to shape social, cultural, and political meanings. Spring semester. *Prerequisite:* COM 110 or COM 190 and a passing grade in a writing-intensive ("W") course. **General Education:** *Humanities/Communication.*

COM 495 Senior Thesis 3 SH

Students will develop a final project with the help of a faculty adviser that demonstrates their expertise in communication or media. Emphasis will be placed on information acquisition, critical thinking and writing and presentational skills. Every semester. For Senior majors in good academic standing. *Prerequisite:* COM 290 or COM 390 with grade of "C" or higher or permission of the instructor.

COMPUTER SCIENCE

CS 110 Website Production 3 SH

Using a problem-solving based approach, students will be introduced to the various aspects of website production including problem specification, requirements analysis, image, video, audio, HTML, VRML, and programming using a scripting language such as JavaScript. Through the use of interactive, hands-on sessions, students will be able to construct a website that satisfies a specific set of requirements. Not for CS major credit. Fall and spring semesters. *Prerequisite:* MAT 100 or appropriate placement. *General Education: Computer Science.*

CS 135 Introduction to Problem Solving with Computers 3 SH

Beginning with a historical perspective, students will first be introduced to various computer concepts including data and information processing, and networks. Students will explore various computer-based problem-solving strategies such as flow-charting, numerical modeling, data abstraction and algorithm design. Subsequently, students will be introduced to several computer applications that provide the tools necessary to implement these strategies. Not for CS major credit. Fall and spring semesters. *Prerequisite:* MAT 100 or appropriate placement. *General Education: Computer Science.*

CS 140 Introduction to Programming 4 SH

This is a first course in computer programming using a high-level programming language such as Java, JavaScript, Visual Basic.Net, C+, etc. The registration booklet will indicate the language used in each section of the course. The course emphasizes problem-solving and sound programming practices. No previous programming experience is necessary. During this course, students will learn how to construct algorithms and convert them into computer programs using typical flow control statements and data types. Not for CS major credit. Fall and spring semesters. *Prerequisite:* MAT 100 or appropriate placement. *General Education: Computer Science.*

CS 143 Visual BASIC 3 SH

This is a first course in programming. No previous programming experience is necessary. Student will learn how to write interactive windows-based programs that solve real problems in their major field. Students will learn how to construct algorithms and convert them into computer programs using all the typical flow control statements, data types, and aggregate data structures. Program interfaces will consist of the common window controls such as menus, buttons, list boxes, combo-boxes, common dialog boxes, scroll bars and multiple forms. Not for CS major credit. Fall and spring semesters. *Prerequisite:* MAT 100 or appropriate placement. *General Education: Computer Science.*

CS/MAT 165 Introductory Discrete Mathematics 4 SH

See MAT/CS 165. *General Education: Math.*

CS 166 Introduction to UNIX 3 SH

An introduction to problem solving and algorithmic development. The fundamentals of the UNIX operating system concepts, architecture and administration are covered. Topics will include: the functions of an operating system and how UNIX fulfills that role, the file system, shells, scripting, utilities and system administration. The course emphasizes problem solving and basics of computer programming in UNIX/Linux computing environment. Not for CS major credit. Fall semester. *Prerequisite:* MAT 100 or appropriate math placement score. *General Education: Computer Science.*

CS 170 Computer Science I: Language 4 SH

An introduction to a modern programming language (C++) and its use in constructing programs that solve a variety of problems. The software development process is emphasized. The course will include a significant amount of project work. Fall and spring semesters. *Prerequisite:* CS 140 or CS 143 or permission of the instructor.

CS 171 Computer Science II: Data Structure 4 SH

This course is a continuation of CS 170. It includes an introduction to the abstract data types: stacks, queues, lists, trees and graphs and their implementation. Another major topic area is the development of object-oriented programs where real-world objects and processes are modeled with classes. Fall semester. *Prerequisite:* CS 170; *Prerequisite or Corequisite:* CS/MAT 165.

CS 200 Applied Topics 3 SH

This course provides students with an exploration of the use of computing in an applied area. Each offering of this course will focus on a chosen applied computing topic (robotics, computer art technology, databases, etc.) and provide students with an environment within which they can learn, through discovery, how computing will affect their lives. *Prerequisite:* CS 110 or CS 135 or CS 140 or CS 143 or CS 166 or permission of the instructor. *General Education: Computer Science.*

CS 205 Data Modeling & Database Design 4 SH

An in-depth introduction to information management techniques with emphasis on data modeling and relational database design. Topics include conceptual data modeling, relational database design and normalization, database query languages, schema integration and integrity constraints, physical database design, and database usability issues in a shared environment. Students will design and implement a database application working from the E-R modeling stage through to the actual implementation. Fall semester. *Prerequisite:* CS 140 or CS 143 or CS 170.

CS 215 Computer Architecture 4 SH

An introduction to logic circuit design, computer hardware, and microprocessors. Topics include the study of finite state machines, control units, arithmetic units, main memory, IO systems, interrupts, and computer peripherals. Spring semester. *Prerequisite:* CS 140 or CS 143 or CS 170.

CS 235 Digital Media 4 SH

This course explores, from a technical point of view, the many ways that computers are used to produce both still and animated images. Topics include: color theory, computer graphics hardware, imaging algorithms, graphics file formats, and analysis of related software applications. *Prerequisite:* CS 170 or CS 144 or CS 250; ART 108 or ART 111.

CS 240 Computer Organization and Software 4 SH

The study of software concepts and hardware components (at the register level). Students will use all of the software tools (compilers, an assembler, linker, object librarian, debugger, make facility) to write programs which will illustrate low-level implementation of programming concepts and machine control. Spring semester. *Prerequisite:* CS 171.

CS 245 Web Applications Development 4 SH

This course provides a thorough coverage of web application development. Students learn how to use HTML and XHTML features along with one of the scripting languages such as JavaScript or VB script, and are exposed to a selection of server side technologies such as Active Server Pages (ASP) and Java Server Pages (JSP). Students choose their implementation tools based on their previous programming background. Students also learn advanced features of various technologies such as cascading style sheets, objects and collections of objects and the HTML event model for dynamic document formatting. *Prerequisite:* CS 250 or CS 144 or CS 170 and CS 205.

CS 250 Advanced Topics in Programming Using Java 4 SH

This course quickly covers all the fundamental concepts in the Java Language and then concentrates on more advanced topics such as events, various collection classes, the serialization of objects, multi-threaded programming, database connectivity, network programming with sockets, applets, and servlets. *Prerequisite:* CS 140 or CS 170 or a background in object-oriented programming.

CS 265 Computer Security Implementation with Java 4 SH

This course quickly covers all the fundamental concepts in the Java Language and then concentrates on implementing computer security features with Java such as: policy files and permissions, authentication and authorization, Java encryption extensions, implementing digital signatures, secure socket programming, Java Web applications security, comparison with the security features of other platforms. Offered odd-year spring semesters. *Prerequisite:* CS 170 or permission of the instructor.

CS 285 Artificial Intelligence 4 SH

The field of artificial intelligence (AI) is concerned with the design and analysis of autonomous agents. Artificial intelligence also provides a set of tools for solving problems that are difficult or impractical to solve with other methods. These include: heuristic search and planning algorithms, for knowledge representation and reasoning, machine learning techniques and methods applicable to sensing, and action problems such as speech and language understanding. The student needs to be able to determine when an AI approach is appropriate for a given problem and to be able to select and implement a suitable AI method. *Prerequisite:* CS 250 or CS 144 or CS 171; MAT 165 strongly recommended and Junior standing.

CS 297 Cooperative Education 1–9 SH**CS 298 Faculty Developed Study 1–4 SH****CS 299 Student Developed Study 1–4 SH****CS 315 Design and Analysis of Algorithms 4 SH**

The design, implementation, testing and analysis of various algorithms. Methods such as divide and conquer, dynamic programming as applied to problems in sorting, sets, trees and graphs will be studied. The analysis of algorithms, including questions of correctness, efficiency and complexity will be studied. Fall semester. *Prerequisite:* CS 171 and MAT 181 or MAT 171.

CS 330 Computer Graphics 4 SH

The fundamentals of computer graphics including typical hardware and software configurations, raster and vector graphics, and common graphics standards. Graphics primitives (both 2D and 3D) and attributes will be used in developing computer programs. *Prerequisite:* CS 144 or CS 250 or CS 171 and Junior standing.

CS 340 Computer Animation 4 SH

An exploration of the theory and application of computer animation. Students will participate in both a lecture component covering both traditional and computer animation concepts, and a project component consisting of the creation of an animation including at least two objects in motion, and including one or more advanced concepts presented during the lecture component of the course. Alternate fall semesters. *Prerequisite:* CS 144 or CS 171 or CS 250 and Junior standing.

CS 350 Object Oriented Software Engineering 4 SH

This course addresses the application of theory, knowledge, and practice for effectively and efficiently building software systems that satisfy the requirements of users and customers. Central topics are software quality, evolution, reuse and cost. The methods introduced are applicable to small, medium, and large-scale systems. The course emphasizes modern object-oriented methodology and encompasses all phases of the life cycle of a software system, including requirements specification and analysis, design, construction, testing, and operation and maintenance. Students participate in a team project for development of a medium-size system. *Prerequisite:* CS 171 and CS 205.

CS 351 Independent Study 3 SH

Designed for students who show above average ability and interest in computer science, this course allows the student to study advanced topics not included in standard course offerings. Approval from the chair of the Department of Computer Science is required. Fall and spring semesters.

CS 355 Programming Languages 4 SH

Formal definition of programming languages, including specification of syntax and semantics. Types of languages and their uses. Organization of compilers illustrating compilation of simple expressions and statements. Fall semester. *Prerequisite:* CS 171, CS 240, and MAT 165.

CS/MAT 359 Introduction to the Theory of Computation 3 SH

See MAT/CS 359.

CS 360 Distributed Applications Engineering 4 SH

This course introduces principles of software engineering with emphasis on building distributed applications. After an introduction and overview of the fundamentals of networking and inter-process communication, students will study, through

examples and case studies, the architecture of typical distributed applications. They will build programs for the primary components of distributed architectures. The course will cover interprocess communication, remote method invocation and CORBA, security issues, Web client-server computing, distributed transactions, the role of data replication in distributed systems, and distributed multimedia systems. This course will be an elective in the computer science program unless it is being substituted for the required course, CS 350. *Prerequisite:* CS 205 or MIS 301, and CS 245 or CS 250.

CS 385 Data Mining 4 SH

This is an introductory course in data mining, an evolving and growing interdisciplinary area of research and development, both in academia as well as in industry. Along with the traditional concepts and functions of data mining, like classification, clustering, and rule mining, students will be introduced to the current issues related to mining in Web and in multimedia applications. This course is an elective in the computer science program. *Prerequisite:* CS 171 and Junior standing.

CS 390 Computer Science Research 3 SH

This course provides students with an exploration of both computer science research and research methods in general. Through a combination of required seminars and guided research projects, students will be immersed in a typical undergraduate research environment. Offered in summer. *Prerequisite:* CS 240 and Junior standing or permission of the instructor.

CS 399 Honors Project 3 SH

This course requires that each student implement a programming project in an area selected by the student and approved by the instructor. The student will be expected to: 1) investigate the project area in the current literature and 2) make a final oral report at an "open seminar." The student who passes this course with an "A" and maintains at least a 3.5 average in computer science courses at the university will be considered to have graduated with honors in computer science. Fall and spring semesters.

Prerequisite: CS 355 and CS 450 and in all CS/MAT required courses a GPA of 3.5 or higher.

CS 410 Compiler Construction 4 SH

Phases of a compiler: scanning, parsing, internal representation, code generation and optimization; tools for compiler development; and a compiler for a simple language will be studied. Programming projects will be required. *Prerequisite:* CS 240 and CS 350.

CS 444 Computer Networks 4 SH

An introduction to computer networks and data communications. Course work includes a study of network organization, telecommunication principles, network software and hardware, and examples of existing networks. Data communications: concepts, modes, devices, coding theory, and systems structures as well as networks types, structures, topologies, and protocols will be studied. ISAO reference model: protocol layers and functions; LAN and WAN; Wireless MANs and LANs, home networking, communication protocols, PTP networks, network programming, Client/server programming, Web programming, and computer networks security. Network programs will be implemented using operating system services, and high-level language (e.g. Java) *Prerequisite:* CS 315 and MAT 120.

CS 450 Operating Systems 4 SH

A study of the history, evolution, philosophies, and structures of operating systems (OS). An introduction to: concepts processes, resource management, virtual machines, scheduling, memory management, file systems, device management, allocation techniques, memory protection, virtual memory, paging and segmentation, the role of the OS in security and protection, OS interface and distributed/network OS concepts. The course includes detailed comparative study of features and architecture of current operating systems. Fall semester. *Prerequisite:* CS 215 and CS 240 and Senior standing.

CS 484 Special Topics in Computer Science 4 SH

An examination of one or a few related emerging topics in computer science. The topics in this course will be announced by the middle of the previous semester. *Prerequisite:* CS 350 and Junior standing.

CS 484 Special Topics in Computer Science 4 SH

An examination of one or a few related emerging topics in computer science. The topics in this course will be announced by the middle of the previous semester. *Prerequisite:* CS 350 and Junior standing.

The following courses also have been approved and are offered periodically:

CS 144 Advanced Visual BASIC

CS 201 Computer Language Topics

CS 270 Computers in Society

CS 305 Database Applications Engineering

EARTH SCIENCE

ES 103 Planet Earth 4 SH

This course is designed to acquaint the student with the study of Earth within the framework of the planets and stars, including investigations of the physical characteristics of Earth's atmosphere and oceans and its surface activities and processes. These investigations will serve as a foundation for further study in earth science and for understanding the current frontiers of this science. Field work and observation are required. (3 hrs lecture — 2 hrs lab). *General Education: Lab Science.*

ES 110 Physical Geology 4 SH

This course will be devoted to the study of the basic principles and processes involved in the making of the outer crust of the Earth. In its initial phase the emphasis will be placed on the study of common rocks and minerals. Subsequent lecture, laboratory and field work will lend itself to the physiographic interpretation of topographic maps featuring a variety of landscapes in the United States. (3 hrs lecture — 2 hrs lab). *General Education: Lab Science.*

ES 210 Introduction to Physical Oceanography 4 SH

This course describes the basic characteristics of the oceans such as the ocean basins and the large scale temperature and salinity distributions of seawater. Important physical processes are discussed including: interactions between the oceans and atmosphere, geostrophic and western boundary currents as well as the large-scale wind-driven and thermohaline circulations. Ocean phenomena from surface ocean waves to El Niño events to the effects of the oceans on global climate are also discussed. The laboratory session includes hands-on use of instrumentation as well as numerical models and data available on-line to understand the oceans (3 hrs lecture — 2 hrs lab). *Prerequisite/Corequisite:* CS 140 or CS 143 and MAT 181 or equivalent and PHY 111. *General Education: Lab Science.*

ES 298 Faculty Developed Study 1–6 SH

ES 299 Student Developed Study 1–6 SH

ES/ED 385 Methods of Teaching in the Secondary Schools 3 SH

See ED/ES 385.

ES/ED 386 Secondary Education Professional Development School Experience 1 SH

See ED/ES 386.

ES/ED 442 Teaching Science in Secondary Schools 3 SH

See ED/ES 442.

EARTH AND PLANETARY SCIENCES

EPS 220 Seminar in Earth and Planetary Sciences I 2 SH

A one-semester seminar course in an area of earth and planetary sciences to be announced; different semesters will consider different areas. Students will read assigned articles from scientific publications about recent research findings; this will be followed by active discussions of the topics as well as student presentations and short research papers. The course may be taken twice, in different semesters, for elective course credit in the major requirements for the B.A. degree in Earth and Planetary Sciences. *Prerequisite:* PHY 103 or equivalent. Offered every other spring, alternating with AST 231 Introduction to Planetary Sciences. (2 hrs lecture).

EPS 221 Seminar in Earth and Planetary Sciences II 2 SH

A one-semester seminar course in an area of earth and planetary sciences to be announced; different semesters will consider different areas. Students will read assigned articles from scientific publications about recent research findings; this will be followed by active discussions of the topics as well as student presentations and short research papers. The course may be taken twice, in different semesters, for elective course credit in the major requirements for the B.A. degree in Earth and Planetary Sciences (2 hrs lecture). *Prerequisite:* PHY 103 or equivalent. Offered every other spring, alternating with AST 231 Introduction to Planetary Sciences.

EPS 331 Practicum in Earth and Planetary Sciences 4 SH

Students are guided through the planning, execution and completion of a research project in an area of earth and planetary sciences, including preparation of a presentation for a scientific conference and a manuscript to submit for publication in a refereed scientific journal. A major component of this course will be hands-on work by the students using instrumentation in the PAM Department. *Prerequisite:* PHY 110, PHY 111 and MAT 181 or equivalent. Offered every third semester. (3 hrs lecture — 2 hrs laboratory)

EPS 450 Senior Research in Earth and Planetary Sciences 4 SH

Open to senior earth and planetary sciences majors only. Using their experience in earth and planetary sciences from previous courses and in consultation with PAM Department faculty, students will develop and carry out original research projects which will make use of the instruments and data reduction capabilities available at Western and other facilities, as well as scientific journals and the internet. The work will culminate in a senior thesis and a departmental colloquium presentation (3 hrs lecture — 2 hrs laboratory). *Prerequisite:* One 200-level or higher course and one 300-level course from the following list: ES 210, AST 231, EPS 220/221, EPS 331, AST 405 and MTR 440. Offered every other academic year, alternating with EPS 490.

EPS 490 Advanced Topics in Earth and Planetary Sciences 3 SH

The content of this course may vary depending upon the interests of students and department faculty. Aspects of the earth and planetary sciences will be considered in much greater detail than in 200-or 300-level courses (3 hrs lecture). *Prerequisites:* One 200-level or higher course and one 300-level course from the following list: ES 210, AST 231, EPS 220/221, EPS 331, AST 405 or MTR 440. Offered every other academic year, alternating with EPS 450 Senior Research in EPS.

ECONOMICS

ECO 100 Principles of Macroeconomics 3 SH

Designed to acquaint the student with basic macroeconomic concepts, theories and their applications. Topics include the capitalist enterprise systems, supply and demand, national income analysis, fiscal policy, money and banking, economic growth and international economics. Every semester. *Note:* It is recommended that students have either completed MAT 098 or have achieved scores on the appropriate mathematics test equivalent to or higher than MAT 098. **General Education: Social Sciences.**

ECO 101 Principles of Microeconomics 3 SH

Designed to acquaint the student with basic microeconomic concepts, theories and their applications. Topics include the theory of consumer demand, costs of production, theories of firm behavior in different market structures, resources allocation, income distribution and international trade. Every semester. *Note:* It is recommended that students have either completed MAT 098 or have achieved scores on the appropriate mathematics test equivalent to or higher than MAT 098. **General Education: Social Sciences.**

ECO/PS 110 Introduction to Political Economy 3 SH

Course examines systems of wealth, power and poverty at global and national levels. Topics include: the origins of the politico-economic domination of the world by the West; the globalization of industrial capitalism; colonialism and neocolonialism; communism; and the development of the world environmental crisis. Spring semester. **General Education: Social Sciences.**

ECO 201 Comparative Economic Systems 3 SH

Studies the theories of capitalism and socialism. Compares and evaluates a variety of economic systems with respect to the many factors which directly or indirectly affect economic behavior and outcomes. Alternate spring semesters. *Prerequisite:* ECO 100. **General Education: Social Sciences.**

ECO 202 Labor Economics 3 SH

Analysis of the structure of employment and human resource theory. A study of the labor market operation, wage theory, collective bargaining and related private and public programs. Fall semester of odd-numbered years. *Prerequisite:* ECO 100 and ECO 101. **General Education: Social Sciences.**

ECO 204 Economic Development and Growth 3 SH

Examines the problems, policies and theories of economic development of the less developed countries of Africa, Asia and Latin America. Spring semester of even-numbered years. *Prerequisite:* ECO 100. **General Education: Social Sciences.**

ECO 205 Intermediate Microeconomics 3 SH

Examines the manner in which producers, consumers and resource owners, acting through markets, determine the prices and output of goods, the allocation of resources and the distribution of income. Spring semester of even-numbered years.

Prerequisite: ECO 101. **General Education: Social Sciences.**

ECO 206 Intermediate Macroeconomics 3 SH

Examines aggregate economic analysis with particular attention to Keynesian, New Keynesian and new classical theories of the determination of national income, employment and prices. Fall semester of odd-numbered years. *Prerequisite:* ECO 100. **General Education: Social Sciences.**

ECO 207 Contemporary Domestic Economic Issues 3 SH

This course is designed for the general education student. It applies basic economic concepts to examine the causes and consequences of a number of domestic socioeconomic issues, such as poverty, discrimination, crime, health care and the economics of big business. Possible policy solutions are then explored. Fall semester. *Prerequisite:* Sophomore standing. **General Education: Social Sciences.**

ECO 208 Contemporary International Economic Issues 3 SH

This course is designed for the general education student. It focuses on the global economic interdependence among nations, causes and consequences of global socioeconomic problems, and policy solutions. Topics include population explosion, world poverty, technology and information flows, environmental pollution (global warming), differences in educational and health care systems, global trading systems, and international drug trafficking. Offered periodically. *Prerequisite:* Sophomore standing. **General Education: Social Sciences.**

ECO 209 Urban Economics 3 SH

This course examines the economics of cities and urban problems. More specifically, a number of factors that have influenced the development of cities, such as technological innovations in production and transportation, are explored. In addition, urban problems including poverty, racial segregation, inadequate housing, inferior education and crime are studied and possible policy solutions considered. Spring semester of even-numbered years. *Prerequisite:* Sophomore standing. **General Education: Social Sciences.**

ECO/SOC/ANT 234 Economic Anthropology 3 SH

This course will give both a theoretical and a practical grounding in economic anthropology by focusing on recent fieldwork and publications within economic and cultural anthropology. After students are introduced to theoretical debates and issues in the field, they will read about and discuss people in the specific ethnographic contexts as they grapple with poverty, globalization, modernization, and development — always keeping in mind that the economy is closely intertwined with and cannot be understood apart from sociocultural factors in people's lives. The course will involve small-group and large-group discussions, lots of interesting reading and a commitment to the formation of a critically thoughtful and engaged classroom community.

Prerequisites: ANT 100 or SOC 100 or ECO 100 or permission of instructor.

ECO/GEO 270 Geography of Environment & Development 3 SH

See GEO/ECO 270.

ECO 298 Faculty Developed Study 1–6 SH

ECO 299 Student Developed Study 1–6 SH

ECO 300 Theory of International Economics 3 SH

Examines international trade theory and policy, foreign exchange markets and the balance of payments. Also, international macroeconomic policy and the international debt problem of developing countries will be studied. Fall semester of odd numbered year.

ECO/FIN 360 Money, Banking and Capital Markets 3 SH

See FIN/ECO 360.

ECO/FIN 488 Multinational Financial Issues 3 SH

See FIN/ECO 488.

The following courses also have been approved and are offered periodically:

ECO/HIS 312 History of Economic Thought

ECO/HIS 313 The Economic History of American Business

ECO 350 Seminar in Economic Research

ENGLISH

WRITING INTENSIVE COURSES

Writing Intensive Courses

A number of courses currently offered by the Department of English fulfill the general education writing requirement. These courses are marked with a “W” and have as their minimum prerequisite “WRT 101 or equivalent or placement exam.” The following courses offered by the department carry the “W” label:

ENG 104 Introduction to Nonfiction (W sections only)
ENG 105 Introduction to Poetry (W sections only)
ENG 106 Introduction to Fiction (W sections only)
ENG 107 Introduction to Drama (W sections only)
ENG 130W English Seminar
ENG 131 Contemporary Literature (W sections only)
ENG 307W Shakespeare I
ENG 308W Shakespeare II

Criteria for a course carrying the “W” or writing intensive label:

1. The course involves research which includes the gathering and written analysis of information, data, perceptions, evidence, background, observations or arguments as are appropriate to the subject or genre of the course.
2. The course involves the student in a writing process which may take the form of exercises, discussions, logs, reactions to readings, role playing, personal reflection, group work, critical thinking, multiple drafts, freewriting or other activities that integrate the research with the author’s objectives and evolve toward clear and effective writing for a purpose and an audience. As it unfolds, the writing process of the course exposes students to some of the essential issues that writers face; for example, organization, tone, voice, accuracy of expression, dramatic effort, authenticity, and level of diction.
3. In a writing intensive course students produce at least one substantial piece of polished or finished writing, writing that has gone through a full cycle of writing process — from initial idea to final polish and presentation.
4. Students in a writing intensive course will be required to generate documentation displaying, as an average, at least one “page” of student writing for every 50 minutes of class time. This documentation may take several forms; for example, a comprehensive portfolio which includes research notes, responses to assignments and readings, freewritings, logs, drafts, web text or any number of other types of writing appropriate to the subject or writing genre of the course.

ENG 104 Introduction to Nonfiction 3 SH

This course introduces students to the world of nonfiction, such as literary essays, diaries, autobiographies, biographies, magazine writing, travel writing, nature writing, science writing, histories, journalism, and the memoir. The course may focus on a sub-genre, a theme, or a mix/cluster of both at the instructor’s discretion. Every fall. *Prerequisite:* W sections only: WRT 101 or equivalent or placement exam. Non-W sections have no prerequisite. **General Education: Humanities/Literature.**

ENG 105 Introduction to Poetry 3 SH

Study of varieties of poetry — pastoral, elegy, lyric, ballad, sonnet, epic — in order to introduce students to a cross-cultural literary form. The course opens poetry to novices and develops their ability to read highly concentrated language. Not for major credit. Every semester. *Prerequisite:* W sections only: WRT 101 or equivalent or placement exam. Non-W sections have no prerequisite. **General Education: Humanities/Literature.**

ENG 106 Introduction to Fiction 3 SH

Study of representative novels and short stories in order to develop students’ abilities to read prose fiction carefully. The course informs students’ understanding of how the literary form suits both an author’s and an age’s aesthetic. Not for major credit. Every semester. *Prerequisite:* W sections only: WRT 101 or equivalent or placement exam. Non-W sections have no prerequisite.

General Education: Humanities/Literature.

ENG 107 Introduction to Drama 3 SH

Study of representative plays from various cultures and eras. Students will develop a basic understanding of tragedy and comedy and the human conflicts created and resolved through each. Not for major credit. Every semester. *Prerequisite:* W sections only: WRT 101 or equivalent or placement exam. Non-W sections have no prerequisite. **General Education: Humanities/Literature.**

ENG 130W English Seminar 3 SH

This course is required of all English majors and minors as well as all English education majors. It is the gateway course to English studies, introducing students through close reading of a variety of texts to the basic elements of the genres of literary study (fiction, poetry, drama), the terminology used in the profession, how to conduct effective scholarly research, and how to write critical essays on a variety of genres using the stylistic format of the profession. Every semester. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature.**

ENG 131 Contemporary Literature 3 SH

This course introduces students to a select group of critically acclaimed contemporary authors (e.g., Joseph Heller, Edward Albee, Aleksandr Solzhenitsyn, Sylvia Plath, Norman Mailer, Gabriel García Márquez, Toni Morrison, August Wilson, Salman Rushdie, Philip Roth, Orhan Pamuk) and explores some of the most important contemporary issues as represented in their works. Every spring. *Prerequisite:* W sections only: WRT 101 or equivalent or permission of the instructor. Non-W sections have no prerequisite. **General Education: Humanities/Literature.**

ENG 207 The Poem 3 SH

Students will read a variety of poems from different cultures, time periods and aesthetics and learn how to enter into the

figurative and metaphoric language that poems employ. They will also have an opportunity to write and discuss their own poems with the aim of further understanding poetic language. Alternate spring. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature.**

ENG 209 American Literature to 1865 3 SH

A survey of American literature from its beginnings to the end of the Civil War designed to foster students' ability to read literary texts critically and to provide them with the knowledge and skills for more focused study at advanced levels. Every fall. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature.**

ENG 210 American Literature from 1865 3 SH

A survey of American literature from 1865 to the present designed to foster students' ability to read literary texts critically and to provide them with the knowledge and skills for more focused study at advanced levels. Every spring. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. Successful completion of ENG 209 is recommended but not required before taking this course. **General Education: Humanities/Literature.**

ENG 211 English Literature to 1798 3 SH

A survey of English literature from the Old English Period to the 18th century designed to foster students' ability to read literary texts critically and to provide them with the knowledge and skills for more focused study at advanced levels. Every fall. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature.**

ENG 212 English Literature from 1798 3 SH

A survey of English literature from the Romantics to the present designed to foster students' ability to read literary texts critically and to provide them with the knowledge and skills for more focused study at advanced levels. Every spring. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. Successful completion of ENG 211 is recommended but not required before taking this course. **General Education: Humanities/Literature.**

ENG 213 Classics of Western Literature 3 SH

A study of the classics of Western literature from ancient Greece to modern times to acquaint students with representative works which have influenced American and English literature. Every semester. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature/Humanistic Studies.**

ENG/AS 217 The American Dream: Visions & Revisions 3 SH

See AS/ENG 217.

ENG 227 Topics in Ethnic and Minority Literature 3 SH

This course will focus on various authors and texts to explore the comparative and contrasting challenges faced among various ethnic and minority groups, as identified by ethnicity, gender, sexual or religious orientation, and other valid signifiers of "otherness." It will examine the connections and distinctions among dominant and marginalized cultures, as well as minorities' quest for both individual and group identity. This course may be repeated for credit, provided the subject matter is different. Alternate spring. *Prerequisite:* Successful completion of WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature.**

ENG 274 Studies in Drama 3 SH

This course will provide an overview and analysis of movements in drama as it exists in various forms. The course complements the general historical overview of drama provided by ENG 107 by delving more deeply into some specific concerns that led to new developments in the dramatic ideal. This course may be repeated for credit provided the subject matter is different. Alternate fall. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature/Humanistic Studies.**

ENG 275 Classical Mythology 3 SH

This course is a survey of ancient Greek and Roman stories about heroes, gods, and the universe. It will also illustrate the influence of these myths on exemplary works of art, literature, and culture from Middle English literature through today. Alternate fall. *Prerequisite:* WRT 101 or equivalent or permission of the instructor. **General Education: Humanities/Literature/Humanities/Humanistic Studies.**

ENG 276 English Language Skills 3 SH

Students will review and confirm their own knowledge and background of the taxonomy of language knowledge. Building on this prior knowledge (acquired over a period of years since elementary school), they will read widely in the academic and popular press about trends in the use and misuse of English. Every fall. *Prerequisite:* Education majors or permission of the instructor.

ENG 298 Faculty Developed Study 3 SH

ENG 299 Student Developed Study 3 SH

ENG 306 Chaucer & Medieval Literature 3 SH

This course acquaints students with Chaucer, major medieval authors and the literary landscape preceding and including Chaucer's era. Alternate fall. *Prerequisite:* Successful completion of at least two 200-level literature courses or permission of the instructor. **General Education: Humanities/Literature.**

ENG 307W Shakespeare I 3 SH

Close reading and analysis of I Henry IV, II Henry IV, Hamlet, Macbeth, Julius Caesar, As You Like It, The Taming of the Shrew, The Merchant of Venice, The Tempest, and representative non-dramatic poems. Every fall. *Prerequisite:* Junior standing in the program or permission of the instructor. **General Education: Humanities/Literature.**

ENG 308W Shakespeare II 3 SH

Close reading and analysis of Richard II, Henry V, King Lear, Othello, Romeo and Juliet, Twelfth Night, A Midsummer Night's Dream, Measure for Measure, The Winter's Tale, and representative non-dramatic poems. Every spring. *Prerequisite:* Junior standing in the program or permission of the instructor. **General Education: Humanities/Literature.**

ENG 313 English Renaissance Literature 3 SH

This course introduces students to single and mixed genre literary works of the 16th and 17th centuries. Beginning with Wyatt

and Surrey's adaptations and transformation of Petrarchan sonnets, this course will include exemplary prose, drama and poetry of the period and relate it to the culture's rediscovery of the art and literature of ancient Rome, the Reformation of the English church, and the rise of literacy. Alternate spring. *Prerequisite:* Successful completion of at least two 200-level literature courses or permission of the instructor. **General Education: Humanities/Literature.**

ENG 315 Critical Theory 3 SH

This course will introduce students to a variety of contemporary analytical theories and their application to texts in the realm of literary studies. Every fall. *Prerequisite:* Successful completion of at least two 200-level literature courses or permission of the instructor.

ENG 318 Restoration and Eighteenth-Century English Literature 3 SH

An in-depth study of the major authors and ideas of Restoration and eighteenth-century England. Topics to be covered are Restoration drama, the rise of the novel, the seeds of Romanticism, and the development of the essay. Alternate spring.

Prerequisite: successful completion of at least two 200-level literature courses or permission of the instructor. **General Education: Humanities/Literature.**

ENG 319 Romantic and Victorian Literature 3 SH

An in-depth study of five to six major writers of Romantic and Victorian literature (e.g., Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Dickens, Thackeray, Charlotte and Emily Brontë, George Eliot, and Hardy) to prepare students for senior and graduate level courses in the program. Alternate spring. *Prerequisite:* Successful completion of at least two 200-level literature courses or permission of the instructor. **General Education: Humanities/Literature.**

ENG 320 Twentieth-Century Literature 3 SH

This course will focus on several varied authors and texts whose work developed and reflected significant cultural and social ideas throughout the twentieth century, beginning with the rise of modernism. Significant similarities and differences among authors, genres and works will be emphasized in order to provide students a better understanding of recent changes in literary form, function and idea. Alternate fall semesters. *Prerequisite:* Successful completion of at least two 200-level literature classes or permission of the instructor. **General Education: Humanities/Literature.**

ENG/WS 334 Women Writers 3 SH

The intention is to conduct a thorough literary analysis of a variety of works of literature in all genres written by women. Alternate spring. **General Education: Humanities/Literature.**

ENG 348 Early American Literature 3 SH

Close reading and critical study of selections from such authors as Winthrop, Bradstreet, Edwards, Franklin, Jefferson and Irving. Particular attention will be paid to the sense of American identity, as the colonials struggled with what it meant to be a colonial American writer, their relationship to the mother country, their religious faith, their new country and its natives. Alternate fall.

Prerequisite: Successful completion of at least two 200-level literature courses or permission of the instructor. **General Education: Humanities/Literature.**

ENG 349 American Literature of Identity 1820-1920 3 SH

This course will cover the literary study of American Romanticism, Sentimentalism, Realism, Regional Realism and Naturalism. It will clarify the literary strategies engaged by various authors (in keeping with, but not limited to, those topics mentioned in the Rationale). It will include, variously, the authors generally considered as the major writers of the period, i.e. Cooper, Emerson, Hawthorne, Melville, Whitman, Dickinson, Poe, Stowe, Howells, James, Chesnutt, Crane, Jewett, Freeman and Wharton.

Alternate spring. *Prerequisite:* Successful completion of at least two 200-level literature courses or permission of the instructor. **General Education: Humanities/Literature.**

ENG/COM 372 Film and Literature 3 SH

This course examines how literature and film interact and mutually influence each other. May be repeated for credit. Every fall. *Prerequisite:* Successful completion of one writing intensive course and either one film or one 200-level literature course.

General Education: Humanities/Communication/Humanities/Literature.

ENG 376 Non-Western Literatures 3 SH

This course studies literature outside of the Western world: literatures of Asia, the Middle East, Africa, Latin America, the Caribbean, and post-colonial literature. This course may be repeated for credit provided that the subject matter is different. Alternate fall. *Prerequisite:* Successful completion of at least two 200-level literature courses or permission of the instructor.

General Education: Humanities/ Literature/Non-Western Culture.

ENG/ED 385 Methods of Teaching in the Secondary Schools 3 SH

See ED/ENG 385.

ENG/ED 386 Secondary Education Professional Development School Experience 1 SH

See ED/ENG 386.

ENG 413 Genre Study 3 SH

A focused and in-depth study of a genre-related topic, e.g., tragedy, historical fiction, the rise of the novel, 19th-century English novel, romantic poetry, modern English drama, genre and gender. This course may be repeated for credit, provided the subject matter is different. Every spring. *Prerequisite:* Junior standing in the program or permission of the instructor.

ENG 414 Road Scholar 3 SH

This course will focus on the writings of several classic authors whose homesteads are located within a few hours travel of the university. It will provide students with the unique opportunity to study great works of literature in the milieu in which they were created and to appreciate the personal, social, and historical synergistic forces that shaped the production of these texts. Students will be responsible for all fees and expenses associated with their travel. Summers. *Prerequisite:* Junior standing in the program or permission of the instructor.

ENG 416 Internship in English 3 SH

With permission of a full-time faculty member, students will arrange to work in the outside community under the mentorship of a professional in the field. The student will meet with the professional to ascertain the professional's willingness to supervise the

student and to solidify the internship contract before beginning the course. At the end of the internship, the supervising professional will be asked to evaluate the student's fulfillment of established requirements and to assess the quality of the student's job performance. Internships could include such things as working in the Connecticut Literacy Program, on the staff of a literary publication, or on the planning of a literary conference. *Prerequisite:* Junior standing in the program or permission of the instructor.

ENG 417 Practicum in English 3 SH

Under the supervision of a full-time faculty member, students will become familiar with the process of teaching literature from preparation to presentation. Students will also learn about different methods for evaluating a student's class performance. This faculty-student mentorship will give students a chance to partake in each phase of the process and receive feedback from their faculty mentor. Students will not teach any classes without the presence of the supervising faculty member. *Prerequisite:* Junior standing in the program and permission of the instructor.

ENG 429 Children's Literature 3 SH

This course helps students gain an appreciation of literature suitable for children. The history of children's books and their authors and illustrators is studied. A wide acquaintance with prose and poetry, old and new, is made in an attempt to establish criteria for judging books for children of various ages. Emphasis is also given to the different ways of presenting literature to children. For major credit only for English education majors. Every fall. *Prerequisite:* Junior standing in the program or permission of the instructor.

ENG 430 Literature for Adolescents 3 SH

A study of literature for adolescents with emphasis on standards for selection and use of the various types of literary material for the secondary and middle school student. For major credit only for English education majors. Every spring. *Prerequisite:* Junior standing in the program or permission of the instructor

ENG/ED 447 Teaching English in Secondary Schools 3 SH

See ED/ENG 447.

ENG 450 Studies in Major Authors 3 SH

An intense study of 1-3 major authors who have contributed significantly to the canon. The course will study the major works of the major authors in their literary as well as sociohistorical contexts and examine them closely from varied critical perspectives. This course may be repeated for credit, provided the subject matter is different. Every fall. *Prerequisite:* Junior standing in the program or permission of the instructor.

ENG 453 Special Topics in Literature 3 SH

This course is advanced study in a topic specified in the focus of the title. The course may be repeated for credit, provided the subject matter is different. Every spring. *Prerequisite:* Junior standing in the program or permission of the instructor.

ENG 470 Senior Seminar 3 SH

This course will allow students to revisit the texts they studied in the foundational courses. Students will select one or more texts, develop a thesis, conduct research, and write at least one major critical research essay about their subject utilizing the skills they should have acquired during the course of their studies: critical reading, critical analysis, incorporation of secondary research, and clear, forceful writing. Every spring. *Prerequisite:* Senior standing in the program; Junior standing for education majors.

ENVIRONMENTAL STUDIES

ENV 100 Environmental Resources 4 SH

This course is designed to acquaint the student with the interdependence of the sciences in the natural world. Using local and regional examples, this course will show environmental management — failures and successes. This course will serve as a foundation to further study should a deeper understanding be desired. Field trips will be scheduled (3 hrs lecture — 2 hrs lab).
General Education: Lab Science.

ENV/BIO 129 Horticulture 2 SH

See BIO/ENV 129

ENV/AST 134 Extraterrestrial Environments and Intelligence 4 SH

See AST/ENV 134

ENV/PHY 136 Energy 4 SH

See PHY/ENV 136

ENV/MTR 162 Air Pollution Sources 4 SH

See MTR/ENV 162

ENV/CHE 205 Analytical Chemistry Lecture 3 SH

See CHE/ENV 205

ENV/CHE 206 Analytical Chemistry Laboratory 2 SH

See CHE/ENV 206

ENV/SS 250 Society and the Environment 3 SH

Solutions to environmental problems will have to come from analysis and understanding of historical trends and currently competing forces within the social system. The international aspects of the problems will be stressed. Lectures and field trips. Not open to freshmen. Offered periodically.

The following courses also have been approved and are offered periodically:

ENV/BIO 126 Animals and Their Environments

ENV/GEO 150 Urban Environment as a Human Ecological Problem

ENV/BIO 156 Biology of the Environment

FRENCH

FR 162 Introductory French I – 3 SH

A first-semester course in French. Aimed at developing the four basic skills (listening comprehension, speaking, reading and writing), and preparing students for further study in the language. The discussion of distinctive cultural aspects of the Francophone world is an integral part of this course. **General Education: Humanities/ World Languages and Literature (if FR 164 is successfully completed).**

FR 164 Introductory French II – 3 SH

A second-semester course in French. Further development of the four basic skills: listening comprehension, speaking, reading and writing. The discussion of distinctive cultural aspects of the Francophone world is an integral part of this course. **Prerequisite:** FR 162 with a minimum grade of “C-” or placement by oral interview. **General Education: Humanities/ World Languages and Literature.**

FR 298 Faculty Developed Study 1-6 SH

FR 299 Student Developed Study 1-6 SH

The following course also has been approved and is offered periodically:

FR 170 A Survey of the French Cinema

GEOGRAPHY

GEO 100 Principles of World Geography 3 SH

This course acquaints the student with the extent to which humans are creatures of environment and with the extent to which humans in turn are able to control the forces of nature. A study is made of the influence of climate, topography, soils and other natural resources. Certain cultural areas are analyzed in order to illustrate the influence which geography exerts upon both the material and the non-material aspects of human life. Listed as behavioral and social sciences general education elective. Every semester. *General Education: Social Sciences.*

GEO 215 Introduction to Geographical Information Systems 3 SH

This course will introduce students to the subject of GIS, which concerns the storage, analysis and representation of spatial data. The class will be taught using a combination of lectures and hands-on tutorials. Hence, students will need to possess basic computer skills including word processing, Excel and the Internet. The lectures will provide students with the concepts and theories that inform GIS capabilities and applications. The tutorials will guide students through the techniques of GIS software. This combined approach will teach students how to master ArcGIS software such that they can access and manipulate data which can be used to construct maps of various forms. The course will also introduce students to spatial analytical tools which can be used to interrogate databases. The final part of the course will involve students working on their own GIS projects. *Prerequisites:* GEO 100.

GEO 270 The Geography of Environment and Development 3 SH

The Geography of Environment and Development will provide students with an insight into how different people utilize and conserve their natural environments. Students will consider the meaning and importance of both development and environmental management/conservation. They will explore different models of environmental management and development as they have been applied in the West, South America, Africa, the former USSR, Southern Asia and the East. This will include consideration of the role of different economic and political systems in land management and development strategies, as well as the role of science and technology. The course will also examine recent changes to the theory and practice of conservation and development including sustainable development and the growing importance of non-governmental organizations (NGOs). *Prerequisites:* GEO 100.

GEO/PS 290 Geopolitics in the 21st Century 3 SH

See PS/GEO 290

GEO 298 Faculty Developed Study 1–6 SH

GEO 299 Student Developed Study 1–6 SH

The following courses also have been approved and are offered periodically:

GEO/ENV 150 Urban Environment as a Human Ecological Problem

GEO 250 U.S.A. and Canada: A Regional Study

GEO/AAS 251 Africa: A Regional Study

GEO 252 Latin America: A Regional Study

GEO 253 Russia and Euro-Asia: A Regional Study

GERMAN

GER 162 Introductory German I 3 SH

A first-semester course in German. Aimed at developing the four basic skills (listening comprehension, speaking, reading and writing), and preparing students for further study in the language. The discussion of cultural aspects is an integral part of this course. *General Education: Humanities/World Languages and Literature (if GER 164 is successfully completed).*

GER 164 Introductory German II 3 SH

A second-semester course in German. Further development of the four basic skills: listening comprehension, speaking, reading and writing. The discussion of distinctive cultural aspects is an integral part of this course. *Prerequisite:* GER 162 with a minimum grade of “C-” or placement by oral interview. *General Education: Humanities/World Languages and Literature.*

GER 299 Student Developed Study 3 SH

HEBREW

HEB 101 Introductory Hebrew I 3 SH

A one-semester course in reading classical (biblical) Hebrew, beginning with identifying, sounding, and writing the print and script letters of the Hebrew alphabet and continuing into the reading of basic words, phrases, and simple textual passages.

General Education: *Humanities/World Languages and Literature (only if HEB 102 is successfully completed).*

HEB 102 Introductory Hebrew II 3 SH

A one-semester course continuation of Hebrew I. Vocabulary will be increased by 150 to 200 words. Basic Hebrew grammar is an important part of the learning process. The language will be reinforced through written and oral exercises from Hebrew to English and English to Hebrew. **General Education:** *Humanities/World Languages and Literature.*

HISTORY

HIS 100 Introduction to History 3 SH

This is a basic skills course that does not focus on any one geographical or chronological area. Students would learn: geography, writing, footnoting/citing, methodologies, technology, library skills, etc. — all the fundamentals they will need to be majors. This course also includes a brief introduction to historiography. Students must enroll in this course within one semester of declaring the History major. *Prerequisite:* Declared HIS major.

HIS 101 American Perspectives 3 SH

Analyzes the major issues which have confronted American society from its origins to today. Rather than a chronological approach, the course presents the ways in which historians have viewed the persisting issues of the American past. Stress will be placed on the interaction of historians with the facts of the past in order to assist students to form their own interpretations (Not for major credit). Every semester. *General Education: Humanities/History.*

HIS/NWC 115 Latin American and Caribbean Civilization

See NWC/HIS 115

HIS 148 American History: To 1877 3 SH

An examination of America's history from the earliest explorers and colonial times through the Civil War and reconstruction. *General Education: Humanities/History.*

HIS 149 American History: Since 1877 3 SH

An examination of American history since 1877, focusing on major social, political and economic trends and touching on such diverse subjects as the rise of industry, World War I and the civil rights movement. *General Education: Humanities/History.*

HIS 186 Europe: Ancient and Medieval 3 SH

A critical examination of the forces, movements and ideologies which established Western civilization as the dominant force of the modern world. *General Education: Humanities/History.*

HIS 187 Modern Europe 3 SH

An overview of European history and civilization from the Reformation to the present. The main themes will be the unity of the European experience and the dynamism and expansiveness of European civilization. *General Education: Humanities/History.*

HIS 200 Colonial America: 1607-1815 3 SH

The course will begin with the earliest European settlements on the continent of North America, tracing the inception and expansion of the various mercantile empires with emphasis upon British colonialism. It will conclude with the mercantile period in United States history through the revolutionary period to 1815. *General Education: Humanities/History.*

HIS 206 Prosperity and Depression: America 1914-1939 3 SH

A study of the United States from 1914 to 1939, emphasizing the change to a consumer society, the debate over isolation and the problems of the Great Depression. *General Education: Humanities/History.*

HIS/WS 210 Women in American History 3 SH

This course provides a survey of the history of women in America from colonial settlement until the present. Students consider women's economic contributions within the household and in waged work, as well as women's changing political status and the shifting ideologies defining women's roles. *General Education: Humanities/History.*

HIS 211 American Legal History 3 SH

This course will introduce students to the major themes in American legal history. Instruction will be chiefly discussion-based and the focus will be mainly upon primary materials-colonial charters, court decisions, constitutions, statutes, treatises, etc. *Prerequisite:* HIS 148 and HIS 149.

HIS 212 Recent American History: Since 1945 3 SH

A history of the United States since 1945, emphasizing the Cold War, the McCarthy era, the civil rights movement and the culture of the 1960s. *General Education: Humanities/History.*

HIS 213 Southern History 3 SH

In the colonial period, Southern distinctiveness was religious, geographic and economic. Then Southern statesmen led the patriot side in the American Revolution and took key roles in founding the United States of America. In the Early Republic, slavery became a peculiarly Southern institution and Southern political and economic priorities dominated the majority parties. This course will explore these periods as well as the years during and following the Civil War, the period through the end of segregation in the 1960s, and the years since then, mainly through consideration of a large number of primary documents. Alternate spring semesters. *Prerequisite:* HIS 148. *General Education: Humanities/History.*

HIS 216 Latinos & Latinas in U.S. History 3 SH

This course is centered on history yet also takes an interdisciplinary approach. It moves from the Latino/a, actual and mythic, through the Mexican-American War and the Spanish-American War, to the present day. Topics include the Bracero program, Puerto Rico, labor organization, political activism, and Latino/a culture. Reflecting our location, we will consider how Brazilian Americans fit into this picture. The contemporary politics of immigration and the border will also be considered. The class explores the difficulty of grouping diverse people, Hispanics, Chicanos, Mexicans, Mexican-Americans, Dominicans, Dominican-Americans, Puerto Ricans, Hispanos, Cuban-Americans, etc., as a single group. *General Education: Humanities/History.*

HIS/AS 217 The American Dream: Visions and Revisions 3 SH

See AS/HIS 217

HIS 245 Egypt of the Pharaohs 3 SH

Examines the history and civilization of ancient Egypt from 3100 B.C. to the fall of Cleopatra in 30 B.C. and demonstrates parallels of human behavior between antiquity and modern times. Analysis of the history of the dynastic period and the influence of the Nile on Egyptian civilization, religion (the temple, funerary rites, mummification), hieroglyphic writing, function and

construction of the pyramids, the state apparatus, daily life of the people, and special emphasis on the only intact royal tomb found, that of Tutankhamun. **General Education: Humanities/History.**

HIS 246 Judaism 3 SH

A survey of the history of the Jewish people and their religion from the earliest times to the present. Alternate fall semesters.

General Education: Humanities/History.

HIS 250 Conquest and Survival in Latin America, 1492-1812 3 SH

This course examines the history of Colonial Latin America, from Spanish Conquest until the era of Independence. The course focuses on the changes that occurred with the destruction of pre-Columbian American society and the creation of the New World. The way that interactions between European and the Spanish and the Portuguese, and Indigenous or African people in the Americas shaped this history is the center of the course. The stories involved touch on violence, genocide, greed, glory, bravery, resistance, religion, gender, and cultural adaptation.

HIS 251 Revolution and Resistance in Latin America, 1812 to the present 3 SH

This class explores the history of Latin America since Independence emphasizing the changes of those two centuries. Major themes include Independence, state formation, nationalism, urbanization, rebellion, economic development and economic nationalism, and national identity. Events receiving special attention include, the Mexican Revolution, Cold War politics, the Cuban Revolution, and contemporary politics. **General Education: Humanities/History.**

HIS/PS 262 The History of the American Constitution 3 SH

A description and analysis of the history of the American Constitution from its origins during the colonial period to today. Spring semester. **General Education: Social Sciences.**

HIS 266 America's War in Vietnam 3 SH

This course examines the roles of the United States in Vietnam from the early 1940s through 1975. Lectures and discussions focus particularly on America's military and political efforts and continued debates over the nature of the evolving wars in Vietnam. **General Education: Humanities/History.**

HIS 270 Christianity 3 SH

A dialogue analyzing Christianity as a cultural, political and social phenomenon and assessing its transcendent value for the individual. Every semester. **General Education: Humanities/History.**

HIS 271 Medieval Europe 3 SH

This course will look at the development of Europe throughout the medieval period (600-1453). Classroom discussion will center around both the large political, social and cultural changes that affected the whole continent as well as the local developments of the many medieval kingdoms and regions. Close attention will be paid to the evolution of medieval ideas about gender, religion, politics, society and the economy and how the intellectual climate of the period affected the institutions that emerged at this time. Students will work closely with several primary sources and documents. *Prerequisite:* Sophomore standing or written permission of the instructor. **General Education: Humanities/History.**

HIS 277 Modern China 3 SH

The founding of the People's Republic of China was the culmination of a series of political, intellectual, and cultural upheavals that fundamentally shook the country (and the world) since the mid-nineteenth century. What happened, who made it happen and why? What has modernized and cultured globalization brought to the life of ordinary Chinese and at what cost? This course invites students to explore such questions by using a variety of primary sources. **General Education: Humanities/History.**

HIS 281 Modern Middle East 3 SH

Analyzes the political, social and economic aspects of the modern Middle East from the early nineteenth century to the present, emphasizing the rise of modern nation-states and their conflicts and crises, including the Arab-Israeli conflict. Here, the emphasis is on Europe's impact on the Middle East in the form of economic domination and colonialism, the importation of European ideas (nationalism, constitutionalism, democracy, capitalism, communism) and scientific developments (nuclear weapons, television). The reaction of the Middle Eastern people to this Western invasion is central to the discussion of these ideas. **General Education: Humanities/History.**

HIS 287 History of Chinese Religions 3 SH

This course introduces the beliefs and practices of the major Chinese religions — Confucianism, Daoism, Chinese Buddhism, and popular religion. Emphasis is on the sociopolitical and cultural contexts of their historical developments; the patterns of their interactions and mutual accommodations; their influences in shaping gender roles and family structures in traditional and modern China; their reflections in Chinese folklore, art and literature; and their spread to, and further evolution in Korea, Vietnam, and Japan. **General Education: Humanities/History.**

HIS 288 Renaissance, Reformation and the Age of Exploration 3 SH

This class will focus on the history of Europe during the early modern period, roughly the 14th until the early 17th century. Discussion begins with the question of what makes the events of these centuries "modern" rather than "medieval." Then, the course examines the nature and manifestation of the "Renaissance" for the various cultures, classes, genders and media of Europe. Next, class discussion of the Reformation looks at the reverberations of this great religious upheaval in the political, social and economic institutions of 16th century Europe. Finally, this class studies the Age of Exploration within the context of the Renaissance and the Reformation. Students will work closely with a number of primary sources and documents. *Prerequisite:* Sophomore standing or written permission of the instructor. **General Education: History.**

HIS 289 Scientific Revolution and Age of Enlightenment 3 SH

This class will focus on the history of Europe during the early modern period, roughly the 16th until the 18th century, emphasizing the great intellectual developments during the Scientific Revolution and the Age of Enlightenment. The course begins by looking at how these two great movements grew out of the Renaissance, Reformation and Age of Exploration. Students will look at several primary sources and documents that demonstrate the great questions that these thinkers were asking and the new methods they used to answer them. Class discussion also analyzes the impact that these new answers had on society and sees how the advances in science had a tremendous effect on the development of philosophy and political ideas during the

Enlightenment. *Prerequisite:* Sophomore standing or written permission of the instructor. **General Education: History.**

HIS 290 The Age of Revolution: Europe 1789-1848 3 SH

This course focuses on the origins and course of the French Revolution, the Napoleonic era and the Age of Reaction. The impact of the Industrial and Romantic Revolutions and the different ideologies of this era will receive special attention. **General Education: Humanities/History.**

HIS 291 The Age of Nationalism and Imperialism: Europe 1848-1914 3 SH

This course analyzes the force of nationalism in shaping and threatening the European state system. Imperialistic rivalries, new thought patterns and the road to World War I will also be examined. **General Education: Humanities/History.**

HIS 292 The Era of World Wars: Europe 1914-1945 3 SH

This course explores the period covering World War I and World War II in Europe. The impact of the Russian Revolution and the rise of Italian Fascism and German Nazism as well as the weaknesses and strengths of European democracies are analyzed. **General Education: Humanities/History.**

HIS 293 Europe Since 1945: The Cold War 3 SH

This course focuses on the revival of Europe during the Cold War and World War II. The impact of American and Russian power rivalry, the fall of the Soviet empire and the dynamism of Europeans in reshaping their continent will be explored. **General Education: Humanities/History.**

HIS 294 Introduction to Historical Research 3 SH

The purpose of this course is to deepen the student's understanding of the problems and possibilities of historical research. Through a laboratory format, the student develops the facility to ask relevant historical questions, to gather and evaluate data, and to present generalizations in a variety of written and graphic forms. Readings, a series of tightly delineated research projects, and field trips to prototype libraries are utilized.

HIS 298 Faculty Developed Study 1-6 SH

HIS 299 Student Developed Study 1-6 SH

HIS 302 The American Revolution: 1763-1789 3 SH

The Revolution was the most important event in American history. After the Seven Years War, Britain faced enormous fiscal problems. This course will cover the disputes between the mother country and 13 of its New World colonies that arose out of British efforts to deal with those difficulties, from the first attempt to impose an internal tax on the colonists to the inauguration of George Washington as the first president under the federal Constitution. Along the way, students will consider the military, diplomatic, constitutional, social, economic, intellectual, and religious history of the period, as well as the Revolution's effect on the institution of slavery and the people who lived with it. *Prerequisite:* HIS 148. **General Education: History.**

HIS 303 The Age of Jefferson 3 SH

This course will cover the history of the United States during the Early Republic. Topics considered will include the inception of the federal government, the first party system of Federalists and Jeffersonian Republicans, Indian relations, foreign policy, the Supreme Court under Chief Justice John Marshall, slavery, sectionalism, the influence of religion upon life in that period, the intellectual history of the time, and the Louisiana Purchase. *Prerequisite:* HIS 148. **General Education: History.**

HIS 304 The Antebellum Era, 1815-1861 3 SH

This course will cover the history of the United States from the end of the War of 1812, the "Second War for American Independence," to the secession of four Middle South States and the formation of the Southern Confederacy in 1861. Topics covered will include the political, intellectual, constitutional, social, religious, and racial history of the time. *Prerequisite:* HIS 148. **General Education: History.**

HIS 309 American Frontiers 3 SH

This course examines the creation of American frontiers from the colonial period to the present. Topics include the New England frontier, the settlement of the "Wild West," the experiences of Native Americans, and 20th century interpretations of the frontier in film, fiction, and politics.

HIS 318 The Civil War 3 SH

An examination of American History from 1860 to 1877, focusing particularly on the Civil War and its effects. *Prerequisite:* HIS 256, HIS 148 or instructor's written permission.

HIS/WS 319 Women in Medieval and Early Modern Europe 3 SH

See WS/HIS 319

HIS 330 Medieval Britain 410-1453 3 SH

This class will study the history of England, Scotland, Wales and Ireland through primary source reading on such topics as: Celtic migrations and identity formation after Roman occupation; Beowulf; Viking raids; the arrival of Christianity and the rise of scriptoria for illuminated manuscripts; King Arthur; the Norman Conquest; the Magna Carta; constitutional and cultural development under the Angevins and Plantagenets; the Black Death; the Peasants' Revolts; and the Hundred Years War. Spring semester of odd-numbered years. *Prerequisite:* Junior standing or written permission of the instructor.

HIS 332 The Germans 3 SH

A historical evaluation of the myths and realities of German culture and politics since the middle of the nineteenth century. Alternate spring semesters.

HIS 363 The American City 3 SH

Today most Americans live in cities. The purpose of this course is to trace the development of the modern American city. Particular emphasis will be placed on the 19th and 20th centuries when the industrial city evolved. The impact of urbanization on American life, shifting reactions of individuals and institutions to the problems and promise of urban life, and the efforts of Americans to shape the urban environment will be examined. Fall semester.

HIS 366 Vietnam War in Film & Literature 3 SH

This course examines the American war in Vietnam through film, novels, journalistic accounts, memoirs and other literary forms. These materials allow historians to explore the experiences of soldiers, the changing perceptions of war, the structures of memory and the uses of history within cultures.

HIS 367 Building America: History as Revealed through Architecture 3 SH

Because of their cost, monumentality and permanence, buildings are prime indicators of the commitments and priorities of society. This interdisciplinary course will explore the connection between art and society by an examination of specific buildings and architectural styles as carriers of cultural images. The meaning of buildings and styles for those who commissioned, built and used them will be sought. The student will become more sensitive to the importance of visual evidence to an understanding of the American past. This course is particularly appropriate for those interested in historic preservation and museum work. Spring semester.

HIS 368 New York City: Its History and Culture 3 SH

This course surveys the political, social and cultural development of New York City with emphasis on the borough of Manhattan. At their own expense, students will frequently visit the city and explore its resources.

HIS 370 From Salt to Cocaine: Commodities in Latin America 3 SH

This course examines commodities and commodity trades in Latin American history. Commodities considered include the ancient: salt, feathers, obsidian, jade; the Colonial: sugar, cochineal, gold and silver, timber; the agricultural: coffee, bananas, cacao; the industrial: rubber, tin, guano, oil; and the contemporary: cocaine, natural gas, cut flowers. Major themes include the relationship of commerce and politics, the economics of demography, fashion, the dynamic nature of taste, and Latin America's interconnection to the global market.

HIS 380 Film as History 3 SH

An analysis of representative films as reflections of the cultural and political attitudes of their creators.

HIS/PS 382 Contemporary Middle East 3 SH

Analysis of the governments and politics of the Middle East and North Africa since World War II. Topics include the Arab League, the Arab-Palestinian-Israeli conflict, regional alliances, the major powers' rivalries, the emergence of OPEC and power of "petro-dollars," economic development, the various political systems and their reaction to social change and women's movements. Consideration will be given to the legislative, executive and judicial machinery of politics and the elements that affect the actual translation of goals and policy into action in a Middle Eastern case study. Alternate academic years. **General Education: Social Sciences.**

HIS 383 Islam: A Religion & Civilization 3 SH

A historical study of the religion of Islam, its basic beliefs and pillars beginning with the birth of the Prophet Muhammad and early revelations to the European incursion at the end of the eighteenth century. The course follows the growth of a small Muslim community in the western part of the Arabian peninsula to Islamic Empires(s) ruling over territories stretching from central and southern Asia to the Iberian peninsula in Europe, emphasizing the origins, achievements and developments of the politics, economics, and religious conditions of the Islamic age. Alternate fall or spring semesters.

HIS/ED 385 Methods of Teaching in the Secondary Schools 3 SH

See ED/HIS 385

HIS/ED 386 Secondary Education Professional Development School Experience 1 SH

See ED/HIS 386

HIS 388 Modern Vietnam: Memory & History 3 SH

This course presents an introduction of modern Vietnam from the inception of the Tay Son rebellion (1771-1802) to the present. It concentrates on the interaction between history and memory. We will discuss several fundamental texts in Vietnamese history and literature since 1771, examining the following themes: religious conflict, imperialism, nationalism, communism, the effect of the U.S.-Vietnam war on Vietnamese society, regional differences and the transition from a socialist to a market economy.

HIS/ED 441 Teaching History and Social Studies in Secondary Schools 3 SH

See ED/HIS 441

HIS 450 Historiography 3 SH

An intensive analysis of historians whose writings have presented differing interpretations of the past. Every fall semester.

Prerequisite: HIS 100 and Junior or Senior standing.

HIS 490 Senior Seminar 3 SH

A seminar designed to reinforce research methods and provide students with an opportunity to produce a significant research project. *Prerequisite:* Senior standing.

HIS 494 Research Seminar 3 SH

This seminar will explore a general theme or topic in history and develop distinctive skills in historical reasoning, discussion, and scholarship. Each student will produce a research paper on a topic relating to the theme of the course. Students who receive a grade of B or higher in this course and satisfy other History major requirements will graduate with Distinction in their degree program. Spring semester. *Prerequisite:* History major status, Junior or Senior standing, and 3.2 overall GPA at WCSU; or special permission from the department.

The following courses also have been approved and are offered periodically:

HIS 208 Rise of Industrial America: 1877-1929

HIS/AAS 219 African-American History and Culture

HIS 256 Background to the Civil War

HIS/AAS 284 Africa: From Antiquity to Colonialism

HIS/AAS 285 Modern Africa

HIS/ECO 312 History of Economic Thought

HIS/ECO 313 The Economic History of American Business

HIS/WS 320 Women and Leadership

HONORS

HON 100 The Nature of Inquiry 1 SH

This course examines some of the “modes of inquiry” used by various academic disciplines to frame and understand topics. Each semester the course will examine a different topic, such as crime, mental illness or sexuality, by applying various disciplinary methodologies and perspectives. The course is also designed to expose students to some of the key informational resources available in various fields. Every fall semester. *Prerequisite:* First year or Sophomore standing, member of the University Honors Program or permission of instructor.

HON 400 Honors Capstone Seminar 3 SH

Each year the honors capstone seminar examines a timely and important topic from a number of disciplinary perspectives. Each student will complete an individual project on an aspect of the seminar topic. *Prerequisite:* Member of University Honors Program or GPA of 3.2 or higher, and Junior or Senior standing; CAP 20; spring semester. The Honors Seminar, like other honors course, may be applied toward fulfillment of general education requirements. Because of the seminar’s interdisciplinary nature, credit will be applied toward an area agreed upon by the individual student and the director, in consultation with the appropriate school dean. Credit will be directly related to that year’s course content and the student’s individual study.

HON 487 Honors Research Practicum 1-3 SH

The Honors Research Practicum (HRP) allows Junior and Senior honors students to assist a professor in a research endeavor related to the faculty member’s expertise. The main objectives of the HRP are to offer students opportunities to: develop research skills; collaborate with an expert in a given field; communicate in a professional language of their major discipline; and acquire intellectual acumen regarding sources of knowledge.

In order to accomplish these goals, students will undertake quantitative and/or qualitative analysis, organize and/or participate in research teams, write a literature review, or engage in other research activities. Students will be required to meet weekly with professors, actively participate in scholarly work, and submit a research log/summary to the professor. Professors overseeing HRP students will provide students with relevant research guidance and opportunities for them to reflect on their research experience in writing, such as in a journal or reaction paper.

Students will receive one to three hours of course credit for HRP. The number of credit hours is determined by the number of research hours the students performs each week according to the following equation: one credit hour is equal to three work hours per week (i.e., 3 hours of research per week equals 1 credit hour; 6 hours of research per week equals 2 credit hours; and 9 hours of research per week equals 3 credit hours). A second HRP may be taken for credit but a student’s total HRP credit hours must not exceed six.

For more information, please contact the director of the Honors Program. The deadline for submitting and HRP application is the end of the second week of the semester.

Prerequisite: Minimum of 60 credit hours (or waiver by the director), membership in the Honors Program, permission of the faculty member, permission from the faculty member’s chairperson, permission from the director of the Honors Program and permission from the Dean for the faculty member. The student must complete the Form for Registering for an Honors Research Practicum (HON 487). *The student and professor will provide a description of the research project and the student’s research responsibilities (a minimum of 250 words).*

HON 497 Honors Teaching Practicum 3-4 SH

The Honors Teaching Practicum (HTP) allows students to assist a professor in a class they have taken within their major or minor. The central goals of the HTP are to give students experience with some of issues involved in conveying knowledge to others and to reacquaint them with some of the central knowledge content of their field of study.

In order to accomplish these goals, students may organize study sessions, provide individual student tutorials, provide guidance with writing assignments, oversee group projects, organize class discussion sessions or oversee other related class activities. They are, however, prohibited from grading any of the activities they oversee or from performing purely administrative functions. Students are required to regularly attend the class in which they are assisting. Professors overseeing HTP students will provide students with related pedagogical materials within the area of the course and opportunities for them to reflect on these materials and their experiences in writing, such as in a journal or reacting papers.

The number of credit hours is determined by the credit hours of the course where the practicum is taking place (e.g., 3 hours for a 3 credit-hour class, or 4 hours for a course with a lab.). An HTP may be repeated one additional time for credit and may not exceed a total of eight credit hours. For more information contact the director of the University Honors Program.

Prerequisite: Minimum of 60 credit hours, permission of instructor and member of the University Honors Program or permission of the director of the Honors Program.

HUMANISTIC STUDIES

HUM 100 Conceptions of Society 3 SH

Selected readings in authors such as Socrates, Plato, Hobbes, Locke, Marx, Freud and Camus. Emphasis is given to the following topics: the origin and function of the state, the interaction of economic and political systems, the law and freedom, revolution and rebellion, happiness and the state, and the state and history. *General Education: Humanities/Humanistic Studies.*

HUM 101 Our Relation to Nature 3 SH

The central concern of this course is our relationship to nature primarily as it is understood by several scientific theories and religious conceptions. At the same time, the nature of science and the nature of religion are examined. The assumptions and limitations of these human endeavors are discussed, along with the relationships among science, religion and human values.

General Education: Humanities/ Humanistic Studies.

HUM 102 Art and Experience 3 SH

The emphasis in this course is on relating art, literature, music, dance and drama to our lives. The course aims at uncovering the central problems of the arts, the relationship of the arts to our lives, the role of the arts in our society, the kind of arts we have produced and the conditions under which we have produced them, and some of the controlling ideas which have been given expression in our arts. *General Education: Humanities/Humanistic Studies.*

HUM 110 Moral Issues in Modern Society 3 SH

A critical introduction to some of the major moral issues facing us in modern society. Problems concerning the rights of the individual vs. the limits and obligations of government, sexual morality, and violence and war will be analyzed. *General Education: Humanities/Humanistic Studies.*

HUM 113 Comparative Religions 3 SH

This course employs a broad humanities approach embracing historical, aesthetic, psychological, philosophical and sociological aspects of religion. Major faiths such as Hinduism, Buddhism, Confuciansim, Taoism, Judaism, Christianity and Islam will be studied and compared. *General Education: Humanistic Studies.*

HUM 114 The Greek Experience 3 SH

A course designed to provide the student with a broad survey of ancient Greek culture through an introductory examination of its mythology, art, drama and philosophy.

HUM 115 Philosophical Issues in Literature 3 SH

A study of central philosophical problems concerning human nature, our relationship to society, and the desire for meaning as found in literature. *General Education: Humanities/Humanistic Studies.*

HUM 116 The Human Condition 3 SH

Reflection on the human condition as set forth in contemporary images of humanity in selected works of literature, philosophy, psychology and religious thought. Considers the work of important thinkers who have influenced humanity in their quest for an understanding of the self and for meaningful personal and social direction. *General Education: Humanities/Humanistic Studies.*

HUM 117 Love in Western Civilization 3 SH

A critical examination of major ideas and ideals of love as they have developed throughout Western history. *General Education: Humanities/Humanistic Studies.*

HUM 119 The Human Adventure: Journeys, Quests and Pilgrimages 3 SH

This course will explore the broad theme of the journey in a variety of readings ranging from mythology and adventure sagas through modern autobiography and spiritual allegories. The emphasis will be on specific humanistic issues, including the search for wisdom, the problem of evil, the vision of progress and the articulation of moral values. *General Education: Humanities/Humanistic Studies.*

HUM 120 The Search for Meaning in Contemporary America 3 SH

This course will explore the challenges that Americans face in creating a meaningful life and examine a number of possible solutions to this critical life task: narcissism, materialism, romantic love, work and community. *General Education: Humanities/Humanistic Studies.*

HUM 299 Student Developed Study 1–6 SH

ITALIAN

IT 162 Introductory Italian I 3 SH

A first-semester course in Italian. Aimed at developing the four basic skills (listening comprehension, speaking, reading and writing), and preparing students for further study in the language. The discussion of cultural aspects is an integral part of this course. *General Education: Humanities/World Languages and Literature (only if IT 164 is also successfully completed).*

IT 164 Introductory Italian II 3 SH

A second-semester course in Italian. Further development of the four basic skills: listening comprehension, speaking, reading and writing. The discussion of distinctive cultural aspects is an integral part of this course. *Prerequisite:* IT 162 with a minimum grade of "C-" or placement by oral interview. *General Education: Humanities/World Languages and Literature.*

IT 299 Student Developed Study 1–6 SH

LATIN

LAT/ENG 122 Readings from Latin Literature 3 SH

See ENG/LAT 122. General Education: Humanities/ Literature.

LINGUISTICS

LNG 317 Linguistics 3 SH

This course will introduce students to the theoretical areas of phonetics, morphology, syntax, semantics, pragmatics, language variation, language acquisition, etc. Students will learn what language is and how we achieve meaning in language. They will learn the standard linguistics analyses useful for both spoken and written language. *Prerequisite:* Successful completion of two writing intensive courses above the 100-level or permission of the instructor. This course is highly recommended for education majors.

LNG 319 History of the English Language 3 SH

This course is designed to provide an understanding of the origin and growth of the English language. Students will study in depth the various influences, namely, political, religious, trade, etc., that the English language had to accommodate over the years. The course will also examine the ongoing changes in the phonology, morphology, syntax, and semantics of the English language. Highly recommended for education majors who will be teaching writing. *Prerequisite:* Successful completion of one writing-intensive course or permission of the instructor.

LNG 320 Modern English Grammar 3 SH

All professional writing fields expect entry-level employees to have much more than a passing understanding of grammar. In this course, students will gain a complete and thorough understanding of the structure of modern English grammar and problems associated with usage. This is not a review course, but rather an advanced course that fully equips students to work in a variety of professional settings. *Prerequisite:* Successful completion of a writing-intensive course and junior-level standing or permission of the instructor. Highly recommended for majors in all departments.

MATHEMATICS

MAT 098 Elementary Algebra 3 SH

First order linear equations, algebraic techniques including manipulation of algebraic expressions, solution of linear equations and inequalities, graphing of linear equations and applications. This three-credit course carries no academic credit and does not satisfy the general education requirement in mathematics/computer science. Offered summer and intersession.

MAT 100 Intermediate Mathematics 3 SH

Manipulating and simplifying polynomials and rational expressions; algebraic techniques including solution of first and second degree algebraic equations and inequalities; solution of systems of equations and inequalities; graphing of linear equations and applications; exponential functions and logarithms. Three free elective credits will be earned; the course does not satisfy the general education requirement in mathematics/computer science. Admission by successful completion of MAT 098 or placement testing. Every semester. *Not open to students who have passed a General Education Mathematics course.*

MAT 105 Foundations of Mathematics I 4 SH

Designed for and required of students preparing to teach in the elementary schools. Topics to include number systems and their properties, the set-theoretic basis for computation, mathematical problem-solving, developing mathematically correct and clear explanations of mathematical ideas, and diagnosis of student error patterns. Assumes a background in mathematics that includes algebra and geometry. Every semester. *Prerequisite:* "C" or higher in MAT 100 or appropriate placement score. **General Education: Mathematics (if MAT 106 is successfully completed).**

MAT 106 Foundations of Mathematics II 4 SH

Designed for and required of students preparing to teach in the elementary schools. Topics to include problem-solving, geometry and measurement, probability and statistics, and applications. Assumes a background in mathematics that includes algebra and geometry. Every semester. *Prerequisite:* "C" or higher in MAT 100 or appropriate placement score. **General Education: Mathematics (if MAT 105 is successfully completed).**

MAT 110 Great Ideas in Mathematics 3 SH

This is a survey course designed to acquaint the student with mathematical ideas not normally encountered at the pre-college level. The course conveys something about the nature of mathematics — its methods, uses and roles in society — through an elementary treatment of topics such as rubber-sheet geometry, number theory, astronomy, modular arithmetic or art. Every semester. *Prerequisite:* "A" in MAT 098 or a pass in MAT 100 or appropriate test score. **General Education: Mathematics.**

MAT 113 Introduction to the History of Mathematics 3 SH

This course offers a brief overview of the history of mathematics. It gives a general picture of the history of mathematics with a few specific units focused on significant individuals, events and ideas. Mathematics has a long and rich history, the knowledge of which can enhance understanding and appreciation for the subject as well as give insight into the cultures and times in which the discoveries were made. Students will be expected to be able to perform basic algebraic computations. Every fall. *Prerequisite:* An "A" in MAT 098 or a pass in MAT 100 or appropriate math placement. **General Education: Mathematics.**

MAT 115 Introduction to Biostatistics 3 SH

Primary focus is on statistical comprehension of the research aspects of current nursing, medical and other health-related literature through an understanding of statistics utilizing the computer. Not open to students who have passed MAT 120. Every semester. *Prerequisite:* "C" or higher in MAT 100 or appropriate test score. **General Education: Mathematics.**

MAT 118 Elementary Applied Mathematics 3 SH

Fundamental mathematical tools useful in the study of business and the social sciences, including matrices and polynomial calculus. Not open to students who have completed MAT 181 or MAT 135. Every semester. *Prerequisite:* "C" or higher in MAT 100 or appropriate test score. **General Education: Mathematics.**

MAT 120 Elementary Statistics 3 SH

An introduction to the practice of statistics that emphasizes elementary data analysis and inference. Topics include correlation, regression, probability models, estimations, hypothesis testing of various parameters and analysis of variance. Examples will be selected from many fields, such as anthropology, business, medicine, psychology, the natural sciences, sociology and education. Students will be expected to use appropriate computer software. Not open to students who have passed MAT 115. Every semester. *Prerequisite:* "C" or higher in MAT 100 or appropriate test score. **General Education: Mathematics.**

MAT 127 Introduction to Cryptology 3 SH

When messages are sent over public media, such as the internet, there is a need to protect (encrypt) the information contained in those messages from unauthorized viewers. This course is an introduction to cryptology focusing on the mathematics used to encrypt and decrypt messages. Grade standard "A"-"F." Spring semester. *Prerequisite:* "A" in MAT 098 or a pass in MAT 100, or appropriate test scores. **General Education: Mathematics.**

MAT 133 Precalculus 3 SH

The functions needed for the study of calculus are presented from a numerical, graphical and algebraic point of view. Polynomial, exponential, logarithmic and trigonometric functions are included. Graphics calculators are used throughout the course. Not open to students who have passed any calculus course. Summer semester. *Prerequisite:* "B" or higher in MAT 100 or appropriate test score. **General Education: Mathematics.**

MAT 141 Foundational Discrete Mathematics 3 SH

An in-depth introduction to discrete structures and processes such as counting techniques, sequences, indexed summations, introductory propositional and predicate logic, introductory induction and recursion, sets, relations, functions, and connections among these topics. *Prerequisite:* "B" or better in MAT 100 or general education placement.

MAT 150, 151 Mathematics Seminar I and II 0.5 SH each

During the first semester, faculty members will present a variety of accessible topics that demonstrate their individual interests and the broadness and diversity of the field of mathematics. In the second semester, students will not only hear lectures from

mathematics faculty, but will also be responsible for preparing and presenting material. The seminar is required of first-year math majors. Students may take each semester of the seminar a maximum of one time for credit. MAT 150, fall semester, MAT 151, spring semester. *Prerequisite:* For MAT 150: Declared major in mathematics or MAT 100 or general education mathematics placement. *Prerequisite:* For MAT 151: MAT 150; Grading: MAT 150, "P/F"; MAT 151, "A"- "F." May not be used toward general education mathematics requirement. May not be used toward mathematics elective credit.

MAT/CS 165 Introductory Discrete Mathematics 4 SH

An introduction to discrete structures and processes such as counting, algorithms, proof, induction and recursion through the study of logic, sets, relations and functions. Sufficient theory is introduced for applications to graph theory and elementary computer science. Every semester. *Prerequisite:* MAT 133 or equivalent. **General Education: Mathematics.**

MAT 170 Calculus of Polynomials 3 SH

An introduction to the concept of a function and its derivative from algebraic, graphical, and data-based points of view. The concentration in this course will be on linear, polynomial, and power functions. Appropriate technology will be used in this course. Knowledge and proficiency with algebra will be assumed. Grade standard "A"- "F." Every semester. *Prerequisite:* Grade of "B" or higher in MAT 100 or placement in general education math. **General Education: Mathematics.**

MAT 171 Calculus I with Review 4 SH

A continued exploration of the fundamental tools of calculus. This second course in a sequence introduces more functions and their derivatives, and also introduces integrals. There is a continued emphasis on graphical, algebraic and data based viewpoints. Appropriate technology will be used in this course. Knowledge and proficiency with algebra will be assumed. Grade standard "A"- "F." Every semester. *Prerequisite:* MAT 170. Satisfies mathematics general education requirement and counts as MAT 181 with regard to prerequisite in subsequent courses. **General Education: Mathematics.**

MAT 181 Calculus I 4 SH

Calculus I will introduce students to the ideas and applications of single variable differential calculus and to the foundations of single variable integral calculus. This will include, but not be limited to, the definitions and applications of limits, continuity, the derivative, and the definite and indefinite integral. Students will be expected both to become proficient with basic skills and to demonstrate an understanding of the underlying principles of the subject. Students should expect to make appropriate use of technology in this course. Knowledge of Precalculus will be assumed, in particular knowledge of lines, polynomials, rational functions, trigonometric functions, and exponential and logarithmic functions. Students are also expected to be proficient with algebra. *Prerequisite:* MAT 133 or equivalent or appropriate placement. **General Education: Mathematics.**

MAT 182 Calculus II 4 SH

Calculus II will introduce students to a variety of new techniques of integration, to some applications of integration, and to sequences and series. Students will be expected both to become proficient with basic skills and to demonstrate an understanding of the underlying principles of the subject. Students should expect to make appropriate use of technology in this course. Knowledge of Calculus I will be assumed, in particular knowledge of the rules and concepts behind differentiation and basic integration. *Prerequisite:* MAT 181 or appropriate placement. **General Education: Mathematics.**

MAT 185 Introduction to Symbolic Computations 3 SH

The course includes introduction to computer algebra, and selected computational algorithms appropriate for undergraduate level mathematics and their computer implementations. Emphasis is on practical computational skills in solving typical problems of undergraduate mathematics and visualization of fundamental mathematical concepts using a computer algebra system. *Prerequisite:* MAT 171 or MAT 181 and CS 140 or CS 143.

MAT 207 Proofs 3 SH

An introduction to the theory and practice of reading and writing mathematical proofs, using theorems and problems in number theory as a source of examples. *Prerequisite:* "C" or better in MAT 141.

MAT 211 The Mathematical Laboratory 3 SH

Topics will be selected from the background material for elementary and middle-school mathematics, including functions, measurement, geometry and problem-solving. Manipulative materials will be used throughout this course. Recent topics pulled from mathematical journals may also be included. Spring semester of even-numbered years. *Prerequisite:* MAT 105 or MAT 106.

MAT 212 Mathematics in the Middle Grades 3 SH

This course will focus on mathematical content and pedagogy related to the middle grades. It will include curricular connections from elementary to middle school level mathematics and from middle to secondary school level mathematics. Nationally recognized content and process standards will be incorporated throughout the course. Spring semester of odd-numbered years. *Prerequisite:* MAT 105 or MAT 106 or declared B.S. Math Secondary Education major with Sophomore standing.

MAT 220 Intermediate Statistics 3 SH

A second course in statistical methods that stresses analysis of multivariate data applications from social and natural sciences, business, health and medical sciences or education. Some familiarity with computers is assumed, since statistical software will be used throughout. Spring semester of odd-numbered years. *Prerequisite:* A first course in statistical methods, e.g., MAT 115, MAT 120, PSY 204. **General Education: Mathematics.**

MAT 242 Foundations of Geometry 3 SH

Elementary geometry, primarily from the point of view of transformations: postulates, isometries, congruence, similarity, triangles and circles, area and perimeter, informal three-space geometry. This course is designed for elementary education majors majoring in mathematics and for secondary education majors. *Prerequisite:* Junior standing in an education program or permission of instructor. Fall semester. **General Education: Mathematics.**

MAT 250 Mathematical Modeling 3 SH

This course addresses the ways in which mathematics and mathematical thinking serve as a model for understanding real world phenomena. The purpose of this course is to prepare students to apply upper-level mathematics to other problems outside the

realm of mathematics. Students also learn how to incorporate mathematics in technical reports. Fall semester of even-numbered years. *Prerequisite:* MAT 182. *General Education: Mathematics.*

MAT 251 Posing and Solving Problems in Mathematics 3 SH

Posing and solving problems is a course in heuristics, the art of inventing or discovering solutions to problems in the absence of routines that make those solutions readily attainable. General methods for discovering solutions to such problems will be presented. Fall semester of odd-numbered years. *Prerequisite:* MAT 182. *General Education: Mathematics.*

MAT 272 Introduction to Linear Algebra 3 SH

Topics will be selected from: systems of linear equations, vector spaces, basic operations for matrices, determinants, bilinear and quadratic functions and forms, linear transformations on a vector space, and others. Spring semester. *Prerequisite:* MAT 182. *General Education: Mathematics.*

MAT 281 Calculus III 4 SH

The study of multivariable and vector calculus, including partial derivatives, multiple integrals and applications. Space curves, vector fields, and line integrals will be introduced. Students will be expected both to become proficient with basic skills and to demonstrate an understanding of the underlying principles of the subject. Students should expect to make appropriate use of technology in this course. Graphical, numerical and algebraic points of view will be emphasized. Every semester. *Prerequisite:* MAT 182 with a grade of "C" or better or MAT 181/171 with a grade of "B" or better and concurrent registration in MAT 182. *General Education: Mathematics.*

MAT 282 Ordinary Differential Equations 3 SH

The classification and techniques of solving differential equations from algebraic, graphical, and data-based points of view. Modeling of problems that lead to differential equations from biological and physical sciences. Graphing and symbolic-manipulating computer tools are used throughout the course. Spring semester. *Prerequisite:* MAT 182. *General Education: Mathematics.*

MAT 298 Faculty Developed Study 1–4 SH

MAT 299 Student Developed Study 1–6 SH

MAT 332 Introduction to Applied Mathematics 3 SH

This course is an introduction to selected topics in areas of applied mathematics. The students will be exposed to models used to understand real world phenomena. Technology and written communication will be emphasized. *Prerequisite:* "C" or better in MAT 222 and MAT 272.

MAT 342 Topics in Geometry 3 SH

The central theme of the course is the study of many different geometries, rather than a single geometry. The focus will be on those geometries that have been developed since 1800 with references back to the geometry of Euclid. Spring semester. *Prerequisite:* MAT 242 or permission of the instructor. *General Education: Mathematics.*

MAT 351 Independent Study 3 SH

Designed for students who show above-average ability and interest in mathematics. It allows the student to study advanced topics not included in the standard course offerings. Approval of mathematics department is required.

MAT/CS 359 Introduction to Theory of Computation 3 SH

Basic theoretical principles embodied in formal languages, automata and computability. Spring semester of even-numbered years. *Prerequisite:* CS/MAT 165 and MAT 171 or MAT 181. *General Education: Mathematics.*

MAT 363 History of Mathematics 3 SH

A survey of the historical development of mathematics designed to help students develop their own philosophy of mathematics as well as their answer to the question, "What is mathematics?" Spring semester of even-numbered years. *Prerequisite:* MAT 182. *General Education: Mathematics.*

MAT 375 Algebraic Structures 3 SH

In order to have a proper foundational understanding of the numbers and algorithms used every day one must have knowledge of groups, rings, and fields. This course will introduce the basic ideas in groups, rings, and fields. There will be particular emphasis on field extensions, factorization, and transformations. Students will learn about the fundamental algebraic structures behind the algorithms for arithmetic and polynomials. They will also understand how one number system is developed from another. *Prerequisite:* "C" or better in MAT 272.

MAT 381 Advanced Calculus 3 SH

Topics selected to enhance the student's understanding of analysis: point set topology, metric spaces, continuity, integration theory, uniform convergence, power series. Spring semester of even-numbered years. *Prerequisite:* MAT 281. *General Education: Mathematics.*

MAT 382 Complex Variables 3 SH

Continuity, differentiability, analyticity, line integration and power series within the context of the complex number system. Residues and poles, conformal mapping, analytic continuation and most of the well-known classical theorems associated with the theory of complex variables. Fall semester of even-numbered years. *Prerequisite:* MAT 381. *General Education: Mathematics.*

MAT 383 Introduction to Analysis 3 SH

This course is a first course in advanced calculus. Students are introduced to the theory of calculus of real valued functions. The course will focus on formal definitions and proof in analysis. Topics covered include limits, continuity, convergence, differentiation and integration. *Prerequisites:* MAT 207 and MAT 182.

MAT/ED 386 Secondary Education Professional Development School Experience 1 SH

See ED/MAT 386

MAT/ED 449 Teaching Mathematics in the Secondary Schools 3 SH

See ED/MAT 449

MAT 450, 451 Senior Seminar I and II 1.5 SH each

This is a two-semester capstone experience for all math majors. During the first semester all students will study several topics that are not covered elsewhere in the curriculum. Students will be expected to read, present and write expository reports on these topics. During the second semester, students will study a topic in more depth, culminating in a senior project. The student will be expected to present the project as a formal written report and an oral presentation to the faculty, other seminar participants and other interested majors. MAT 450, fall semester; MAT 451, spring semester. *Prerequisite*: Senior standing in B.A. Mathematics program.

MAT 467 Topics in Mathematics 3 SH

This course is an opportunity for students to pursue in greater depth topics introduced in other courses or topics not included in other courses. The topic would vary from semester to semester. Typical topics might be mathematical models, combinatorics, field theory, algebraic topology, decision theory, harmonic analysis, wavelets, etc. *Prerequisite*: "C" or better in MAT 332 or 375 or 383 as appropriate to the topic determined by the department. May be repeated for credit with different topics.

The following courses also have been approved and are offered periodically:

MAT 135 Concepts of Calculus

MAT 356 Introduction to Operations Research

MAT 400 Applied Mathematics

MEDICAL TECHNOLOGY

MET 001 Intro to Medical Technology Non-credit

The purpose of this course is to introduce the freshman medical technology major to the career of medical technology. Included are several field trips to the various sections of the hospital laboratory and discussions with clinical year students, working technologists, laboratory managers and pathologists. Required for medical technology majors and open to other students on a space-available basis. Fall semester.

NOTE: Students in the Medical Technology program must complete their basic studies at WestConn and then apply to an affiliated hospital program for their senior year. All hospital program requirements must be met in order to be accepted and students must complete the year-long program for graduation with the Medical Technology degree. Program courses taken during this final year are taught at the hospital and include the following:

MET 305 Clinical Microbiology 8 SH

The basic techniques for diagnostic clinical microbiology are covered as well as the correlation of individual microbial species with human disease. The course includes an introduction to clinical mycology, parasitology and virology.

MET 310 Hematology 5 SH

This course includes the study of the origin and morphology of blood cells and the performance of tests to evaluate blood composition. The relationship of theory and significance of test results to progress of disease are considered. Hemostasis is also included.

MET 315 Clinical Microscopy 1 SH

Examination of body fluids, including urine and feces, and the correlation of results with clinical findings are studied.

MET 320 Blood Bank and Immunohematology 3 SH

This course is the study of human blood groups, compatibility testing, component therapy and their relation to transfusion. The emphasis is on problem-solving.

MET 325 Clinical Chemistry 3 SH

The biochemical analysis of body fluids in health and disease and the clinical application of test results are included in this course.

MET 330 Special Topics in Medical Technology 2 SH

The student investigates a special area, technique, or topic in medical technology.

MET 335 Immunology and Serology 3 SH

In this course the immune response in health and disease and the use of current immunodiagnostic techniques are studied.

METEOROLOGY

MTR 150 Meteorology 4 SH

A general introduction to meteorology. Topics to be discussed include the physical causes behind atmospheric vertical structure, atmospheric motion, atmospheric stability and cloud formation, warm and cold precipitation, large-scale high and low pressure systems, planetary jet streams, the global circulation, air masses and fronts, mid-latitude cyclone structure and evolution, thunderstorms, tornadoes, and hurricanes with an introduction to physical and regional climatology (3 hrs lecture, 2 hrs laboratory). *Prerequisite:* MAT 100 or equivalent. *General Education: Lab Science.*

MTR 230, 231 Weather Analysis and Forecasting I & II 4 SH each

The two-semester course introduces students to qualitative and quantitative approaches to weather forecasting. The first semester builds on basic meteorological principles introduced in MTR 150 and applies them to the forecast problem. Elementary dynamics, moisture and stability, air masses, and surface and upper-air weather systems are examined from a forecasting perspective. Lab work includes practical work with thermodynamic diagrams, diagnoses of surface and upper-air charts, diagnostic use of radar and satellite imagery, and qualitative approaches to the forecast problem.

The second semester takes a more quantitative approach and applies basic hydrodynamic and thermodynamic principles to the forecast problem with an emphasis on making the connection between theory and application. Fundamental topics in theoretical hydrodynamics and thermodynamics are introduced and expanded upon towards a derivation of quasi-geostrophic theory and an understanding of the structure and evolution of large-scale weather systems. Real-time weather maps and operational graphical output from numerical forecast models are integrated into the presentations. Lab work includes use of model output forecast data, forecast graphics, and satellite and radar imagery in daily operational forecasting (3 hrs. lecture, 2 hrs. laboratory). *Prerequisite:* For MTR 230: MTR 150 and MAT 182. (3 hrs. lecture, 2 hrs. laboratory). *General Education: Lab Science.*

MTR 240 Climatology 3 SH

This is an introductory course in climatology. Topics include solar and terrestrial radiation, the general circulation, global and local forcings of temperature and precipitation patterns, air-sea interaction, climate classification schemes, global warming, and climate change. A survey of anomalous local climate patterns will be included. Daily weather discussions of global weather patterns utilizing real-time weather data in the WCSU Meteorological Studies and Weather Center will be used to reinforce course material (3 hrs lecture). *Prerequisite:* MTR 150.

MTR 298 Faculty Developed Study 3 SH

MTR 299 Student Developed Study 3 SH

MTR 310 Atmospheric Thermodynamics 3 SH

This course is the first part of a two-semester sequence in theoretical meteorology. Topics to be discussed include moisture variables, thermodynamic diagrams, atmospheric stability, the equation of state for a mixture of gases, the first and second laws of thermodynamics applied to atmospheric motions, adiabatic and diabatic processes for dry and moist air, phase changes of water, atmospheric statics, and vertical acceleration. (3 hrs lecture). *Prerequisites/Corequisite:* MAT 281, MTR 175, PHY 110.

MTR 311 Atmospheric Dynamics 3 SH

This course is the second part of a two-semester sequence in theoretical meteorology. Topics to be discussed include meteorological applications of fluid kinematics and dynamics, divergence, vorticity, equations of motion on the rotating earth, scale analysis, geostrophic, gradient, and thermal winds, ageostrophy, vorticity and potential vorticity (PV) equations, dynamics of synoptic-scale motions, quasigeostrophic (QG) theory, atmospheric waves and instabilities (3 hrs lecture).

Prerequisites/Corequisite: MTR 310, PHY 111.

MTR 330, 331 Operational Forecasting & Weathercasting I & II 3 SH each

This two-semester lab/practicum will introduce students to the daily operations of a weather consulting and forecast center. Students will be assigned day or evening shifts in WCSU's Meteorological Studies and Weather Center where they will forecast, service client needs, and perform duties normally required of meteorologists working in either public or private operational forecasting centers. Lab work will include instruction in local, regional, national, and international forecasting techniques, use of operational weather prediction models, and interpretation of radar and satellite imagery. Practicum work may include radio and television weathercasting for campus media outlets, data entry and analysis, issuing severe weather statements, preparation of weather graphics and material for newspapers and the general public (2 hrs laboratory, 6-8 hrs practicum).

Prerequisites/Corequisite: For MTR 330: MTR 231 and MTR 311; for MTR 331: MTR 330. *General Education: Lab Science.*

MTR 340 Mesoscale Meteorology and Numerical Forecasting 3 SH

This course is a qualitative and semi-quantitative introduction to mesoscale (regional scale) meteorology. Topics to be discussed include mesoscale waves, multicell and supercell thunderstorms, squall lines, mesoscale convective systems and complexes, mesoscale fronts and jets, and severe weather outbreaks (3 hrs lecture). *Prerequisite:* ES 210. *Prerequisites/Corequisite:* MAT 282 and MTR 311.

MTR 370 Internship in Meteorology 4 SH

This course offers students the opportunity to engage in a full or part-time non-academic, departmentally approved, internship experience for pre-determined period of time. Junior standing in meteorology is a minimum requirement. It is recommended that students complete MTR 230 (MTR 231 is preferred) before enrolling in MTR 370. Students will be required to (i) obtain a MTR program faculty mentor and internship sponsor, and submit a detailed written proposal prior to undertaking the internship, (ii) attend regular weekly meetings with their MTR program mentor (which may include meeting with other MTR program faculty and their interns), (iii) attend a monthly meeting with the MTR program internship coordinator, and (iv) write a term paper and give oral presentation/seminar focusing on the scientific aspects of meteorology as outlined in the internship proposal and successfully demonstrate these aspects as applied to their internship experience. Compensation need not necessarily be provided by sponsoring agency. One SH credit will be granted per 50 internship hours. The course will be offered every semester.

Prerequisite: MTR 311 and an overall 2.0 or higher; GPA 2.33 or higher in both MTR 310 and MTR 311.

MTR 430 Meteorological Instrumentation 4 SH

This course is an introduction to advanced meteorological instruments, platforms and observational systems. Sensor performance and sources of error are discussed. The laboratory session emphasizes hands-on outdoor learning and uses computer programming and numerical methods to collect, process, and analyze data from the atmosphere and ocean surface (3 hrs lecture, 2 hrs laboratory). *Prerequisite:* MAT 120, PHY 111. *Prerequisites/Corequisite:* MAT 282.

MTR 440 Atmospheric Physics and Remote Sensing 4 SH

This course will familiarize students with radiative transfer theory and atmospheric remote sensing technology. Interpretation of Doppler radar and polar or geosynchronous orbiting satellite-derived imagery will be studied, including computer-based image processing. This course also concentrates on the microphysics of warm and cold clouds and their associated precipitation, in particular the interaction between atmospheric water and radiation (3 hrs lecture, 2 hrs laboratory). *Prerequisite:* MAT 120, MAT 182 and ES 210.

MTR 450 Senior Research in Meteorology 4 SH

Open only to Senior meteorology majors, this course will consist of the student collaborating closely with meteorology faculty on an individual research project of mutual interest. Emphasis will be placed on introducing the student to meteorological research, peer-reviewed journals, current research methods and topics, data analysis and interpretation, and effective communication of project results. Numerical weather prediction models, meteorological instruments, computers, and other facilities of the WCSU Meteorological Studies and Weather Center can be used by students in carrying out their research projects. Both written (research paper) and oral defense of the research is required. Every semester. *Prerequisites/Corequisite:* MTR 311.

MTR 490 Advanced Topics in Meteorology 4 SH

Course content will vary depending on interest of instructor and students and will cover all aspects of meteorology and atmospheric science not normally addressed in 200-level or 300-level courses. Topics may come from such diverse areas as microscale meteorology, electrodynamics of clouds and storms, numerical weather prediction, mesoscale modeling, boundary layer turbulence, atmospheric chemistry, air-sea interaction, coupled atmosphere-ocean models, middle atmospheric dynamics, aeronomy, or solar-terrestrial interactions. *Prerequisites/Corequisite:* MTR 311 and MTR 315, or permission of the instructor.

NON-WESTERN CULTURES

All NWC courses are listed as social and behavioral sciences general education electives.

NWC 103 Chinese Culture 3 SH

A historical-cultural approach to the study of China. Topics include: the land, people, and language systems of China; the evolution of Chinese world views; thought and religions; economic and political institutions; art and literature; family structure and social life. Every semester. *General Education: Non-Western Culture.*

NWC 104 Japanese Culture 3 SH

A historical-cultural approach to the study of Japan. Topics examined include geographic influences, major social structures, political and economic trends, education, religion and values. Every semester. *General Education: Non-Western Culture.*

NWC 105 Cultures of India 3 SH

A historical-cultural approach to the study of India. Course content emphasizes geography, socio-economic and political trends, and examines social values, religious traditions, cultural diversity, change and continuity of village life, urbanization and modernization. *General Education: Non-Western Culture.*

NWC 107 Middle Eastern Culture 3 SH

A comprehensive historical-cultural approach to the study of Middle East cultures, illustrating the use of various social science concepts in gaining an understanding of the religion of Islam and Islamic culture; the role of Arabic language and literature; geography and politics; the various social classes, including the role of women; the influence of foreign powers; and the origins and development of regional movements, conflicts and crises, including the Arab-Israeli conflict. Every semester. *General Education: Non-Western Culture.*

NWC/AAS 109 Equatorial African Cultures 3 SH

A multidisciplinary approach examining the geographical, historical and sociopolitical aspects of contemporary equatorial Africa (including East and West Africa). Topics discussed include early state formation, colonial policies, “traditional” vs. “modern” societies, and political and economic development problems. Spring semester. *General Education: Non-Western Culture.*

NWC 110 Vietnamese Culture 3 SH

This course takes a multidisciplinary approach by examining the geography, language, history, religion, culture and social life of Vietnam. Topics to be analyzed include the land and people of Vietnam, Confucianism, Buddhism, Daoism, women’s role in traditional and modern Vietnamese societies, traditional world views and healing methods, the resistance and wars against China, France, and the United States and their effects in shaping the socioeconomic life and cultural patterns of the Vietnamese people. Every semester.

General Education: Non-Western Culture.

NWC 112 Korean Culture 3 SH

This course adopts a historical-cultural approach to the study of Korea, illustrating how the new concepts of the various social sciences enable us to better understand an unfamiliar culture in the world-historical context, and thus to reexamine the received views of Asia in general as “irrational,” “stagnant,” and unable to develop modern science and economic systems. The course focuses on Korean society, culture, politics, national security, economy, and history, and places Korea in East-Asian and world history, to get a more balanced picture of the locality and the world. *General Education: Non-Western Culture.*

NWC/AAS 113 Southern African Cultures 3 SH

Multidisciplinary approach to the study of the Republic of South Africa and its neighbors. Includes ethnography, history, economic development, the growth of Apartheid, the spreading of the South African problem to its contiguous countries and current political and foreign policy implications. Fall semester. *General Education: Non-Western Culture.*

NWC/HIS 115 Latin American and Caribbean Civilization 3 SH

This course examines the development of Latin America and the Caribbean as overlapping, though distinct regions, from before the Spanish Conquest of America to the present day. Many of the units consider a specific historical episode or era, while also posing a broader question concerning how these regions are understood in the United States. Major themes include the Conquest, Afro-Brazilian culture, popular politics in the 20th century, revolutions and revolutionary iconography, art and literature. Classroom discussion centers on the political, social and cultural elements that characterize Latin America and the Caribbean. *General Education: Humanities/History/Non-Western Culture.*

PHILOSOPHY

PHI 100 Introduction Philosophy 3 SH

A study of philosophical problems and theories as they are defined and expressed in the writings of the great philosophers and in the representative schools. *General Education: Humanities/Philosophy.*

PHI 103 Introduction to Critical Reasoning 3 SH

This course involves the beginning student with the recognition, analysis and evaluation of arguments, encouraging him/her to acquire the techniques of critical reasoning useful in everyday life. Topics include analysis of arguments in English, informal fallacies of reasoning and common deductive and inductive argument forms. Because the emphasis is on the acquisition of skills rather than on the mastery of theory, lecture and discussion is heavily supplemented by classroom exercises and (as time permits) oral debate. *General Education: Humanities/Philosophy.*

PHI 110 Ethical Issues in Business 3 SH

Explores current ethical issues and value conflicts from the standpoint of the organization, the employee, the marketplace and public policy. Case studies of actual situations will be analyzed. *General Education: Humanities/Philosophy.*

PHI 111 Ethical Issues in Health Care 3 SH

Explores current ethical issues and value conflicts in health care from the standpoint of the health care professional, the patient and public policy. *General Education: Humanities/Philosophy.*

PHI 112 Ethics and the Nonhuman 3 SH

The course involves the application of ethical thinking to issues raised by the animal rights and environmental movements. Topics include: a historical overview of our conception of the nonhuman and our attitudes towards it, especially those found in the Judeo-Christian religious traditions; the significance of new data from molecular biology and communication studies with primates and other animals; the use of nonhuman animals in biomedical research, product testing and dissection; the use of nonhuman animals in agrobusiness; the moral basis of vegetarianism; issues concerning the environment and land use (hunting, trapping, endangered species and zoos). *General Education: Humanities/Philosophy.*

PHI 120 Introduction to Ethical Theory 3 SH

A study of prominent ethical theories as they are defined and expressed in the writings of the great philosophers and in the representative schools. *General Education: Humanities/Philosophy.*

PHI 211 Symbolic Logic 3 SH

An introduction to the principles and techniques of deductive and inductive logic. The student will learn how to construct, analyze and criticize arguments. *General Education: Humanities/Philosophy.*

PHI 226 Environmental Philosophy 3 SH

An introduction to the philosophical issues surrounding and underlying the contemporary environmental crises. These include such matters as the value inherent in the nonhuman world and the ultimate nature of our relationship to that world. *Prerequisite:* A 100-level philosophy course. *General Education: Humanities/Philosophy.*

PHI 231 Ancient Philosophy 3 SH

A study of the founding figures in the history of Western philosophy from the pre-Socratics through the major writings of Plato and Aristotle. *General Education: Humanities/Philosophy.*

PHI 233 Modern Philosophy 3 SH

A study of the major trends in philosophy from the humanism and new science of the Renaissance through Kant. The course includes continental rationalists, the British empiricists and Kant's attempt to synthesize them. *General Education: Humanities/Philosophy.*

PHI 240 Philosophy of Religion 3 SH

An examination, from various philosophical points of view, of some of the main topics in the philosophy of religion. These topics include: the concept of God, grounds for belief in God, faith and reason, the problem of evil, religion and morality, religious experience and religious language. *General Education: Humanities/Philosophy.*

PHI 262 Philosophies of Love and Friendship 3 SH

A critical study of philosophical theories of the nature of love, with readings from classical to contemporary authors representing a variety of philosophical schools and points of view. *General Education: Humanities/Philosophy.*

PHI 299 Student Developed Study 1-6 SH

PHI 316 Philosophy of Science 3 SH

The course will begin with an examination of the evolution of scientific theories. This history illuminates science as a social institution as well as the components of scientific theories and the "logic" of theory formation. Students will be encouraged to pursue independent readings and to develop seminar presentations. *Prerequisite:* Any PHI class or permission of the instructor. *General Education: Humanities/Philosophy.*

PHI 320 Social and Political Philosophy 3 SH

The course is concerned with such questions as the nature and source of law, property, origin and limitation of sovereign authority, and the rights and duties of citizens. *Prerequisite:* Any PHI class or permission of the instructor. *General Education: Humanities/Philosophy.*

PHI 332 American Philosophy 3 SH

An examination of the chief contributions in American philosophic thought as reflected in the works of authors such as Emerson, Royce, Pierce, James, Dewey and Santayana. Major focus is on developments in pragmatism. *Prerequisite:* Any PHI class or permission of the instructor. *General Education: Humanities/Philosophy.*

PHI 334 Existentialism 3 SH

An examination of the works of major existentialist thinkers. Special topics taken from existentialist writings include: being, time, freedom, consciousness, existential psychoanalysis, and faith. *Prerequisite:* Any PHI class or permission of the instructor.

General Education: Humanities/Philosophy.

PHI 340 Non-Western Philosophy 3 SH

A study of the development of ethics, political philosophy, aesthetics and metaphysics in Indian, Chinese, Japanese and Persian writings. *Prerequisite:* Any PHI class or permission of the instructor. ***General Education: Humanities/Philosophy.***

The following courses also have been approved and are offered periodically:

PHI/ART 206 Philosophy of Art

PHI 224 Special Topics

PHYSICS

PHY 103 Fundamentals of Physics 4 SH

This course provides knowledge of the basic principles of physics for students who have had no previous experience in physics. Students successfully completing this course can take PHY 110 or PHY 120 with better preparation (3 hrs lecture, 2 hrs lab). *Prerequisite:* a high-school science course and MAT 100 or appropriate math placement score. **General Education: Lab Science.**

PHY 110, 111 General Physics I & II (Calculus) 4 SH each

This standard introductory physics course is designed for science and engineering students and uses calculus, vector analysis and scientific notation throughout the presentation. PHY 110 includes the study of mechanics, thermodynamics, hydrostatics and sound. PHY 111 includes electricity, magnetism, optics, atomic and nuclear physics. PHY 110 – every fall semester; PHY 111 – every spring semester. *Prerequisite:* for PHY 110: MAT 182 and a “C” grade or better in PHY 103 or on a placement examination. For PHY 111: PHY 110. (3 hrs lecture, 3 hrs laboratory) **General Education: Lab Science (if both courses are completed).**

PHY 120, 121 General Physics I & II (Non-Calculus) 4 SH each

A general physics course appropriate for students majoring in life science, pre-medicine and other related disciplines; uses vector analysis, significant figures and scientific notation throughout the presentation. The course gives in-depth presentation of the traditional general physics material with examples of physical principles from the life sciences and daily living. PHY 120 – every fall semester; PHY 121 – every spring semester (3 hrs lecture, 3 hrs laboratory). *Prerequisite:* for PHY 120: MAT 100 and a “C” grade or better in PHY 103 or in a placement examination. For PHY 121: PHY 120. **General Education: Lab Science (if both courses are completed).**

PHY/ENV 136 Energy 4 SH

This course will investigate present and possible future energy sources, and discuss man’s use and misuse of the different forms of energy and the effects of these energy uses on society (3 hrs lecture, 2 hrs laboratory). **General Education: Lab Science.**

PHY 170 Concepts of Electronics 4 SH

This is a first course in electronics for students with no prior knowledge of electricity or of electronics. It is a hands-on course in which the student learns to identify the components of various circuits and how to construct and test the circuits. Solid state devices, integrated circuits and digital electronic circuits are included. Only elementary mathematics is used (2 hrs lecture, two 2-hr laboratory) . *Prerequisite:* MAT 100 or equivalent. **General Education: Lab Science.**

PHY 171 Introduction to Digital Electronics 4 SH

This course is an introduction to electronic circuits for digital applications. It provides hands-on experience with the building blocks of common digital circuits (logic gates, integrated circuits, registers and shift registers, clocks, etc.) and their applications for combinational logic, memories, analog to digital conversion, etc. Spring semester (2 hrs lecture, two 2-hr laboratory). *Prerequisite:* MAT 133 or equivalent. **General Education: Lab Science.**

PHY 298 Faculty Developed Study 1–6 SH

PHY 299 Student Developed Study 1–6 SH

Student can repeat with different topic.

PHY 390 Advanced Topics 4 SH

Student can repeat with different topic.

PHY 450 Senior Research 4 SH

Student can repeat with different topic.

POLITICAL SCIENCE

PS 100 Introduction to Political Science 3 SH

A study of the nature and manifestations of power and ideology in the modern world. This course seeks to present a broad but selective introduction to government and politics, to develop the capacity to think in terms of political concepts and to aid the student in acquiring greater political awareness. Every semester. **General Education: Social Sciences.**

PS 102 American Government 3 SH

A study of the institutional, theoretical and functional features of American national government with special attention to contemporary trends and problems. Every semester. **General Education: Social Sciences.**

PS 104 World Governments, Economies and Cultures 3 SH

Political, historical, economic and sociocultural perspectives are used to examine the problems and prospects of the contemporary world. Course topics will be selected in terms of current global issues and developments. Every semester. **General Education: Social Sciences.**

PS/ECO 110 Introduction to Political Economy 3 SH

See ECO/PS 110.

PS 200 International Relations 3 SH

A study of those factors underlying international politics and determining foreign policies of national governments. Topics discussed include geographic and economic influences, international law, psychological bases of war and peace, nationalism and sovereignty. Various international organizations are examined as to purpose, structure and achievement. The contemporary international scene is utilized as a frame of reference. Not open to freshmen. Fall semester of odd-numbered years. **General Education: Social Sciences.**

PS 201 Political Theory 3 SH

A study of the nature of politics, ideological and intellectual movements and the contributions of concepts and ideas to an understanding of the political process. From a historical, empirical and contemporary perspective. Spring semester of odd-numbered years. **General Education: Social Sciences.**

PS 212 Policy-Making Process in American Government 3 SH

Selected case study approach to government decision-making, including both domestic and foreign policy issues, emphasizing such factors as history, intelligence, resources, leadership and the political culture in defining the realities of influence and power in the policy-making process. Offered periodically. *Prerequisite:* PS 102. **General Education: Social Sciences.**

PS 213 Politics and the Court 3 SH

A study of the origins, growth and scope of the Supreme Court in relation to American politics and institutional developments. Emphasis will be on contemporary problems of constitutional interpretation. Spring semester of even-numbered years. **General Education: Social Sciences.**

PS 216 The American Presidency 3 SH

A critical examination of the constitutional, institutional, historical and contemporary aspects of presidential power, leadership and accountability. Spring semester of odd-numbered years. *Prerequisite:* PS 102. **General Education: Social Sciences.**

PS 217 The Legislative Process 3 SH

The analysis of the legislative process from an institutional and behavioral standpoint, with special emphasis on the contemporary context of the structure, organization and functions of the legislative systems in relation to American government. Spring semester of even-numbered years. *Prerequisite:* PS 102. **General Education: Social Sciences.**

PS 218 American State and Local Government 3 SH

A study of the structure and functions of state and local government in the United States, with particular emphasis upon socioeconomic problems that confront effective government today. Relevant state and local government resources available on the world wide web will be integrated into this course. Fall semester of even-numbered years. *Prerequisite:* PS 100 or PS 102 or permission of the instructor. **General Education: Social Sciences.**

PS/HIS 262 The History of the American Constitution 3 SH

See HIS/PS 262

PS/COM 273 Politics in Film 3 SH

This course examines the connections between films/movies and the political environment in which they are produced and viewed. The course will use American and international films to explore various perspectives of a broad range of political issues. Summer Session. *Prerequisite:* Sophomore standing. **General Education: Humanities/Communication/Social Sciences.**

PS/GEO 290 Geopolitics in the 21st Century 3 SH

This course will explore how geopolitics has been transformed in the post-Cold War world. It will examine the declining importance of nation states, both politically and culturally, and investigate what impact this has had on international relations. How does the "war on terror" fit into the new world order? Is it a traditional military war or more of a cultural war? Classes will be a mixture of lectures and discussion. *Prerequisite:* GEO 100 or PS 100 or PS 104 or permission of the instructor. **General Education: Social Sciences.**

PS 298 Faculty Developed Study 1-6 SH

PS 299 Student Developed Study 1-6 SH

PS 305 Comparative Government and Politics 3 SH

A behavioral, institutional and theoretical study of selected governments in the post-industrial world, emphasizing contemporary problems and issues in domestic and foreign policy. Spring semester of even-numbered years. *Prerequisite:* PS 104 or PS 110. SS 201 recommended with permission of the instructor. **General Education: Social Sciences.**

PS 306 Comparative Communist and Post-Communist Systems 3 SH

The course examines the political and cultural institutions, as well as the performance of communist and post-communist states. The dramatic changes since the end of the Cold War will be emphasized, along with current issues and relations with the non-communist world. Instruction may include a focus upon Russia and the former Soviet Republics and/or China and others. Course topic varies depending on staffing. Fall semester of odd-numbered years. *Prerequisite:* PS 104 or PS 110; SS 201 recommended or permission of instructor. **General Education: Social Sciences.**

PS/JLA 322 Constitutional Law 3 SH

See JLA/PS 322

PS/HIS 382 Contemporary Middle East 3 SH

See HIS/PS 382

PS 401 Global Conflict Resolution 3 SH

The course reviews global resolution in many settings and includes informal efforts by private interveners and scholar-practitioners, formal interventions by individual, regional, transnational and international organizations. It also looks at conflict resolution within small and large states. The roots of some of the major current and recent conflicts in the world and the efforts to resolve them will also be examined. The theory and practice of conflict resolution, including the role of the United Nations and other inter-governmental organizations, the impact of unilateral actions by governments, and efforts by non-government organizations will also be discussed. The class will also consider the various approaches to conflict resolution in the post-Cold War world in light of the heightened urgency for workable means to resolve such conflicts. Learning approaches include discussions, case study analysis and simulation. Fall semester of odd-numbered years. *Prerequisite:* PS 100 or PS 104 or SS 401, or permission of the instructor. **General Education: Social Sciences.**

PS 402 Violent and Nonviolent Conflict Resolution 3 SH

The course examines the major theories of violent and nonviolent conflict resolution and their applications in the Twentieth and Twenty-First centuries, including a variety of conflict management perspectives and the techniques of dispute intervention that flow from them. Case studies may include the works of Mahatma Gandhi, Johan Galtung, and Martin Luther King, Jr. for nonviolent and Niccolo Machiavelli, Karl Marx and Hans Morgenthau for violent conflict resolution. The outcomes of these two forms of government and citizen action will be analyzed based on their impact on individual, group and state objectives. Learning approaches include discussions, lecture, case study and analysis and simulation. Spring semester of odd-numbered years. *Prerequisite:* PS 100 or PS 104 or SS 401 and Junior standing, or permission of the instructor. **General Education: Social Sciences.**

PS 403 International Institutions 3 SH

This course explores the structures, processes, and impacts of international institutions, such as the World Trade Organization and the United Nations, on world politics. The class reviews the contending theoretical perspectives regarding the effect(s) that international institutions have on both interstate relations and political economic discourse within states. Case studies in issue areas such as international security and economics will be used to examine the successes and failures of international institutions. Alternate years. *Prerequisite:* PS 100, PS 104 or PS/ECO 100, PS 200 and Junior standing. **General Education: Social Sciences.**

PS/COM 411 Politics and the Media 3 SH

This course will focus on the inter-relatedness of the American political system and the sociological, electoral, economic, and psychological aspects of a multifaceted media. An analytic, critical and practical examination of the ways in which the media and its technology strengthen and weaken the aspects of contemporary politics. *Prerequisite:* PS 100 level course or COM 190 or permission of instructor plus junior standing or higher. Alternate spring semesters. **General Education: Social Science.**

The following courses also have been approved and are offered periodically:

PS/MGT 202 Introduction to Public Administration

PS 267 Recent American Thought

PS/SOC 310 Political Sociology

PS 315 Environmental Issues in International Relations

PS 400 Advanced Topics in Political Science

PORTUGUESE

POR 162 Introductory Portuguese I 3 SH

A first-semester beginning course in Portuguese. The aim is to develop the four basic skills (listening comprehension, speaking, reading and writing), and to prepare students for further study in the language. The discussion of distinctive cultural aspects of the Lusophone world is an integral part of this course. **General Education: Humanities/World Languages and Literature (if POR 164 is successfully completed).**

POR 164 Introductory Portuguese II 3 SH

A second-semester beginning course in Portuguese. Further development of the four basic skills: listening comprehension, speaking, reading and writing. The discussion of distinctive cultural aspects of the Lusophone world continues. *Prerequisite:* A minimum grade of "C-" in POR 162 or placement by oral interview. **General Education: Humanities/World Languages and Literature.**

POR 196 Intermediate Portuguese Language and Culture I 3 SH

The first-semester intermediate level course of Portuguese that focuses on reading, writing, oral comprehension and speaking through a study of Lusophone cultures. *Prerequisite:* A minimum grade of "C-" in POR 164 or placement by oral interview. **General Education: Humanities/World Languages and Literature.**

POR 197 Intermediate Portuguese Language and Culture II 3 SH

The second-semester intermediate level course of Portuguese that focuses on reading, writing, oral comprehension, and speaking through a study of Lusophone cultures. *Prerequisite:* A minimum grade of "C-" in POR 196 or placement by oral interview. **General Education: Humanities/World Languages and Literature.**

PSYCHOLOGY

PSY 100 Introduction to Psychology 3 SH

An introductory survey course covering some of the major topics of psychology. Mandatory areas to be studied include: history of psychology, research methods, neuroscience and biopsychology, learning, memory and cognition, personality, psychological disorders, and social or developmental psychology. Other topics may include: sensation/perception, consciousness, language, intelligence, motivation, emotion, therapy, stress and health. This course is a prerequisite for all upper-level courses in psychology. Every semester. *General Education: Psychology.*

PSY 201 Principles of Research in Psychology 3 SH

The course will deal with concepts, strategies, methodologies and ethics of psychological research. Students will be introduced to experimental designs employed in psychological research as well as to descriptive statistical procedures. Every semester.

Prerequisite: PSY 100 and MAT 100 or appropriate score on WCSU math placement test. Registration for this course is limited to Psychology majors or by permission of the instructor. *General Education: Psychology.*

PSY 202 Abnormal Psychology 3 SH

The course scrutinizes all major forms of psychopathology listed in the Diagnostic and Statistical Manual. Syndromes will be evaluated with regard to etiology, symptomology and treatment. Representative research on all syndromes will be discussed.

Every semester. *Prerequisite:* PSY 100. *General Education: Psychology.*

PSY 203 Clinical Psychology 3 SH

A course which focuses on theories, diagnostic techniques and treatment modalities in the field of clinical psychology.

Consideration will also be given to social, legal and philosophical issues in the assessment and treatment of mental illness as well as in problems of daily living. Every semester. *Prerequisite:* PSY 100. *General Education: Psychology.*

PSY 204 Psychological Statistics 3 SH

The course will cover inferential statistical procedures employed in psychological research. Emphasis will be on teaching students the appropriate statistical test to employ for a given experimental design. Every semester. *Prerequisite:* PSY 100 and PSY 201; minimum grade of "C-" in PSY 201. *General Education: Psychology.*

PSY 205 Social Psychology 3 SH

The study of human behavior as affected by social stimulus variables. The course is experimentally oriented and covers such topics as: attitudes; interpersonal perception and attraction; attributions; and structure and dynamics of groups and social motivations (e.g., affiliation, aggression, conformity, altruism, obedience, etc.). Every semester. *Prerequisite:* PSY 100. *General Education: Psychology.*

PSY 206 Industrial Psychology 3 SH

An introductory course stressing social, psychological and cultural aspects of personnel relations in industry, leadership styles, training techniques, testing methods and other related topics. Fall semester. *Prerequisite:* PSY 100. *General Education: Psychology.*

PSY 207 Organizational Psychology 3 SH

An examination of psychological factors in the workplace. Topics may include employee attitudes, job satisfaction, performance appraisal, productivity, group dynamics, decision making, leadership, workplace health and safety, ergonomics, market research, advertising, organizational structure. Spring semester. *Prerequisite:* PSY 100. *General Education: Psychology.*

PSY 208 Environmental Psychology 3 SH

The relationship between the spatial needs of human beings and the structure of their physical environment. Special attention is given to the phylogenetic analysis of spatial needs; theories of spatial behavior; assessment techniques and methodologies of environmental psychology; and practical implications for structuring human environments. Studies will be conducted both inside and outside the classroom to give the student first-hand research experience. Alternate spring semesters. *Prerequisite:* PSY 100. *General Education: Psychology.*

PSY 210 Child Psychology 3 SH

The major theories and research findings in child psychology are emphasized. Major topics include: hereditary and environmental influence; the growth and measurement of intelligence, development of the self; family and peer influence, and the child in school. A brief summary of puberty and adolescence is also covered. Every semester. *Prerequisite:* PSY 100. Not open to students who have taken EPY 203. *General Education: Psychology.*

PSY 211 Adolescent Psychology 3 SH

Following a brief summary of child psychology, theories and research on adolescent psychology will be examined. Emphasis will be placed on socialization, the role of peers, attitude change, moral development, personality adjustments and allied areas. Inter and intra-cultural effects will be considered in relation to the physical and psychological growth of the adolescent. Every semester. *Prerequisite:* PSY 100. Not open to students who have taken EPY 204. *General Education: Psychology.*

PSY 215 Psychology of Personality 3 SH

A systematic study of the development of personality from infancy through adulthood. The contributions of the major theorists are discussed and evaluated in relation to current research studies. Every semester. *Prerequisite:* PSY 100. *General Education: Psychology.*

PSY/WS 217 Psychology of Women 3 SH

An investigation of the behaviors of women from various perspectives, such as physiological, psychoanalytic, social learning and cognitive points of view. The course is designed for persons who recognize the changing roles of women in our society and who wish to examine the psychological theories and research surrounding female development and behavior. Every semester.

Prerequisite: PSY 100. *General Education: Psychology.*

PSY 218 Principles of Behavior Modification 3 SH

The student will become familiar with a series of learning and cognitive restructuring techniques which can be used to reach behavioral goals in such situations as the home, school, mental institution and mental health clinic. Behavioral treatment of such problems as anxiety, obesity, depression, social skills deficiencies and sexual dysfunctions will be studied. Spring semester.

Prerequisite: PSY 100. **General Education: Psychology.**

PSY 219 Psychology of Men 3 SH

This course will examine the basic issues that confront men today. Biological, psychological and environmental forces which govern some of the new roles played by men will also be considered. Spring semester. *Prerequisite:* PSY 100. **General Education: Psychology.**

PSY 220 Psychology of Learning 3 SH

A survey of principles and theories of learning with emphasis upon the implications for human learning. Fall semester.

Prerequisite: PSY 100. **General Education: Psychology.**

PSY 222 The Adult Years 3 SH

A review of evidence bearing upon the nature, extent and implications of changes and constancies in human functioning during the period of maturity, beginning with the end of adolescence and ending with death. Emphasis will be placed on the special ambitions, dreams, stresses, value orientations, successes and failures of adulthood. Every semester. *Prerequisite:* PSY 100.

General Education: Psychology.

PSY 230 Introduction to Brain and Behavior 3 SH

This is an introduction to the brain for anyone interested in one of the most complex structures in the universe. This course includes basic brain geography (where everything is located and what it's called), how neurons communicate with each other, and how these physical structures and mechanisms produce psychological experience and adaptive behavior, including learning and memory, emotional experience and psychological disorders. No dissection required. Spring semester. *Prerequisite:* PSY 100.

General Education: Psychology.

PSY 236 Anomalistic Psychology 3 SH

A course evaluating behavioral and experiential phenomena that have traditionally seemed to constitute violations of the basic principles of science. Emphasis is put on critically evaluating the literature on extraordinary psychophysiological phenomena (such as healing and pain control) as well as anomalies of memory, perception and parapsychological phenomena (such as telepathy, clairvoyance, precognition and psychokinesis). Such evaluations will include a rigorous examination of the methodological problems encountered in these areas of investigation and will consider the various explanations that have been suggested for such behaviors/phenomena. Alternate spring semesters. *Prerequisite:* PSY 100. **General Education: Psychology.**

PSY 245 Psychology of Creativity 3 SH

A survey of current knowledge about the creative person, the creative process and the creative product. Students will be urged to conduct an empirical study during the semester. Alternate Fall semesters. *Prerequisite:* PSY 100. **General Education:**

Psychology.

PSY 251 Psychology of Cognition 3 SH

Designed to introduce the student to theories, issues and research in such cognitive areas as thinking, memory, attention, problem-solving, concept formation, creativity, language and imagination. Every semester. *Prerequisite:* PSY 100. **General Education: Psychology.**

PSY 260 Health Psychology 3 SH

Health psychology is the application of the science of psychology to the promotion and maintenance of health. A biopsychosocial model of human behavior is presented which explores the development of both healthy behaviors such as exercise and stress management and risk-compromising behaviors such as smoking, drug abuse, unhealthy eating, and dangerous sexual behavior. Topics covered include stress and coping; pain management; psychological factors in managing chronic and terminal illness; psychoneuroimmunology; and the psychology of lifestyle interventions aimed at preventing diseases such as heart disease, hypertension, stroke and diabetes. Every semester. *Prerequisite:* PSY 100. **General Education: Psychology.**

PSY 262 Sports Psychology 3 SH

This course presents a comprehensive overview of the field of sport psychology, including the history of the field, major theories, research methods, and current issues. Various perspectives are offered, including developmental, systems, and cognitive-behavioral views of the psychology of sport and of athletic participation. Topics covered include motivation, stress and anxiety, competition, teamwork, leadership, communication, student-athletes, self-regulation of performance, imagery skills, concentration, goal-setting behavior, coping with athletic injuries, burnout and overtraining, drug and alcohol abuse, eating disorders, aggression, and sportsmanship and character development. Spring semester. *Prerequisite:* PSY 100. **General Education: Psychology.**

PSY 290 Guided Readings in Psychology 1-3 SH

Readings will be assigned to the individual student in terms of the student's background, interests and his/her specific goals in the field of psychology. Each student must obtain a faculty member to supervise and evaluate his/her performance. Every semester. *Prerequisite:* PSY 100; if the instructor believes that other courses are necessary for the student to implement the semester's work, the instructor will designate such courses; students must receive the permission of the department prior to registering for this course.

PSY 291 Practicum in Psychology 1-3 SH

A course which allows the student to obtain practical experience in the field of psychology. An activity such as working under supervision in a community agency is representative of the types of experiences acceptable for credit in this course. The student will work under the supervision of an instructor in the psychology department on an individual basis. Not more than three hours of this course may be used toward the psychology major. Every semester. *Prerequisite:* PSY 100. If the practicum involves the content of a specific course(s), the instructor may stipulate additional prerequisite. Students must receive the permission of the department prior to registering for this course.

PSY 298 Faculty Developed Study 1-6 SH

PSY 299 Student Developed Study 1-6 SH

PSY 305 Psychology of Persuasion 3 SH

This course will take an empirical approach to the psychological study of persuasion and social influence. Major topics will include attitudes and attitude change, the attitude behavior relationship, interpersonal and group influence, resistance, strategies and techniques of persuasion and influence, and the impact of culture, personality and gender on these processes. Special attention will be given to the major theoretical approaches. Spring semester. *Prerequisite:* PSY 205 or instructor approval. **General Education: Psychology.**

PSY 309 Social Psychology and the Law 3 SH

An applied course in social psychology in which various stages of the legal process will be examined from a social psychological perspective. Research and theories from areas such as person-perception, attribution, impression management, decision making and social influence will be applied to such issues as arrest, interrogation, eyewitness testimony, trial by jury and correction. Alternate years. *Prerequisite:* PSY 100 and PSY 205. **General Education: Psychology.**

PSY 313 Cross-Cultural Psychology 3 SH

This course evaluates the cross-cultural applicability of psychological theory and research. It will examine the influence of culture, broadly construed, on psychological processes such as perception and cognition, development, social interactions and relationships, gender roles, self-understanding, persuasion, and psychopathology. This course will also investigate the methodological constraints and opportunities presented by cross-cultural differences. Fall semester. *Prerequisite:* PSY 205. **General Education: Psychology.**

PSY 324 Experimental Psychology 3 SH

This is a lecture and laboratory course that provides an introduction to the way in which the scientific method is applied in several content areas in psychology. As a result of this course, students will develop skills used throughout the entire research process. Students will (1) conduct literature searches using CD-ROM databases, (2) critically evaluate journal articles, (3) design studies (including formulating the research question, stating the research hypotheses, and selecting an instrument or tool for data collection), (4) employ a departmental computerized statistical package in analyzing class data and (5) write several research reports using the guidelines of the American Psychological Association. Every semester. *Prerequisite:* PSY 100, PSY 201 and PSY 204; minimum grade of C- in PSY 201 and PSY 204. **General Education: Psychology.**

PSY 332 History of Psychology 3 SH

This upper-level course is designed to guide students through an in-depth examination of the methods and theories used in contemporary psychology by exploring the intellectual history and methodological traditions of psychology. The course covers the philosophical approaches which were antecedents to scientific psychology, the rise of scientific psychology, and the major historical approaches to psychology, including structuralism, functionalism, psychoanalysis, behaviorism, gestalt and humanistic psychology. Modern approaches to psychology are also studied, including cognitive psychology, psychobiology and evolutionary psychology. Students are introduced to the main ideas of the philosophy of science and are encouraged to explore the strengths and weaknesses of the scientific method through critiques of science such as those of Popper and Kuhn. Alternate spring semesters. *Prerequisite:* PSY 100 plus 9 additional hours in psychology courses or permission of the instructor. **General Education: Psychology.**

PSY 334 Psychological Assessment 3 SH

This survey course provides an examination of the fundamentals of psychological assessment and testing. Topics include the history of testing, individual differences, test selection, individual and group testing as well as a review of test construction and standardization. General tests of intelligence, ability, vocational interest, personality, neuropsychological functioning and clinical symptoms will be examined. At the end of the course, students will be able to understand and critique psychometric instruments; be able to understand and analyze basic assessment data; and understand the role of test scores in psychological reports. Alternate spring semesters. *Prerequisites:* PSY 100 and PSY 201. **General Education: Psychology.**

PSY 341 Child and Adolescent Abnormal Psychology 3 SH

This upper-level course is designed to introduce students to the variety of childhood psychological disorders, using the Diagnostic and Statistical Manual of Psychological Disorders (DSM) as a basis for the overview. Issues of etiology, classification and treatment of children and adolescents who exhibit a variety of psychopathological disorders ranging from transitory nightmares to autism will be covered. A variety of theoretical frames of reference will be considered as they influence evaluation, etiological models and treatment approaches, including psychodynamic, behavioral, biological, cognitive and family systems approaches. Alternate spring semesters. *Prerequisites:* PSY 100 and at least one of the following: PSY 202, PSY 203, PSY 210, PSY 211. **General Education: Psychology.**

PSY 346 Moral Development 3 SH

An overview of moral development throughout the life span. Emphasizes theories and current psychological research, as well as influences on moral development. Among the topics discussed are approaches to promoting moral development, moral education, and the gap between moral reasoning and behavior. Alternate fall semesters. *Prerequisite:* PSY 100 and one of the following: PSY 210, PSY 211, PSY 222, EPY 203, EPY 204. **General Education: Psychology.**

PSY 349 Psychology of Perception 3 SH

A survey of theories, issues and research in visions, audition, olfaction, gustation, skin and pain senses, and vestibular sense. Emphasis will be placed on current research topics and theories about perception. Fall semester. *Prerequisite:* PSY 100 plus 6 additional credits in psychology courses. **General Education: Psychology.**

PSY 352 Cognitive Neuroscience 3 SH

This course addresses the biological mechanisms associated with normal and abnormal cognitive functioning, using information from a wide variety of current and historical research techniques. The course is an advanced-level seminar, in which there will be active participation and discussions on recent and historical research from this explosive area of research into thinking, learning and memory. Every other year. *Prerequisite:* PSY 230 or PSY 251 or PSY 349. **General Education: Psychology.**

PSY 392 Substance Abuse Counseling: Assessment and Counseling 4 SH

This course provides four hours of academic credit and is divided into four equal parts. The first two parts concern the assessment of substance abuse and treatment planning. This will include: reviews of the prevalence and etiology of substance abuse, the

assessment of substance abuse by interviews and psychometric instruments, individual differences among substance abusers, comorbidity, the determination of the level of care necessary for substance abusers, and assessments of patients' readiness to change. The third and fourth parts will address these issues in assessment and treatment planning with adolescents and children, and ethnic minorities. Alternate spring semesters. *Prerequisite:* PSY 100 and PSY 202. *General Education: Psychology.*

PSY 393 Substance Abuse Counseling: Drugs and Behavior 4 SH

This course provides four hours of academic credit and is divided into six equal parts. The first two parts will concern the pharmacology of the classes of psychoactive substances and of the most commonly used substances within each class. This discussion will also address tolerance, withdrawal, and protocol for detoxification from psychoactive substances. The third part will focus on HIV/AIDS, especially within populations of substance abusers. The fourth part will be devoted to the ethical requirements for substance abuse counselors. The fifth and sixth parts will be devoted to studying counseling that is consistent with the traditions of Alcoholics Anonymous (AA), Narcotics Anonymous (NA), and alternative self-help groups. Alternate fall semesters. *Prerequisite:* PSY 100 and PSY 202. *General Education: Psychology.*

PSY 394 Substance Abuse Counseling: Counseling Techniques 4 SH

The topic of this course will be counseling substance abusers. The theories and techniques of the major schools of individual and group counseling and psychotherapy with substance abusers will be studied. Empirical research comparing the effectiveness of these schools of counseling and psychotherapy will be evaluated. The counselor's role in supporting the 12-step fellowships of Alcoholics Anonymous (AA) and Narcotics Anonymous (NA), and in preventing and managing relapse will be considered. Counseling issues with women, ethnic minorities, adolescents and children, and HIV/AIDS patients will be evaluated. Students will demonstrate an understanding of how to implement treatment plans in individual and group counseling. Alternate spring semesters. *Prerequisite:* PSY 100 and PSY 202. *General Education: Psychology.*

PSY 395 Substance Abuse Counseling: Applied Counseling 4 SH

The focus of this course will be counseling techniques with substance abusers. Techniques endorsed by divergent schools of counseling and psychotherapy will be emphasized. Methods for engaging uncooperative and resistant clients will be reviewed. The application of these techniques in counseling couples will be studied. Counseling issues related to gender, ethnicity, and age groups will be examined. Relapse will be examined from the viewpoint of a stages-of-change model, and interventions appropriate to specific stages of change will be evaluated. Alternate fall semesters. *Prerequisite:* PSY 100 and PSY 202.

PSY 412 Advanced Developmental Psychology 3 SH

Includes theories, methods of research, and study of original and significant literature in selected areas of human development. Spring semester. *Prerequisite:* PSY 324; two of the following courses: PSY 210, PSY 211, PSY 222, EPY 201, EPY 203; plus three additional hours of psychology courses. *General Education: Psychology.*

PSY 415 Advanced Personality-Social Psychology 3 SH

An upper-level course which allows the student to study in greater depth the general areas of personality and social psychology. Emphasis will be on reviewing the most recent research in these fields. Alternate fall semesters. *Prerequisite:* PSY 324; two of the following courses: PSY 205, PSY 208 or PSY 215; plus three additional hours of psychology courses. *General Education: Psychology.*

PSY 425 Advanced Cognitive Psychology 3 SH

This course emphasizes selected theories, methods of research, and important literature in the area of general experimental psychology. Students will benefit from hands-on experience conducting classic experiments in perception, learning, and cognition, and analyzing their data using techniques that are more common in experimental psychology than in other areas of psychology. Each student will also design and carry out an original experiment or a literature review of a topic in experimental psychology, and submit an APA-style report. Alternate spring semesters. *Prerequisite:* PSY 324; two of the following seven courses: PSY 220, PSY 230, PSY 236, PSY 245, PSY 250, PSY 251, PSY 352; plus three additional hours in psychology. *General Education: Psychology.*

PSY 439 Community Psychology 4 SH

A course dealing with ways the psychologist works in the community to promote constructive changes in areas such as abuse, drug abuse, alcoholism, aging and community mental health. In addition to attending regularly scheduled classes, students will be required to work in a community agency an average of five hours each week. Agencies include mental health clinics, crisis intervention centers, schools and related social service settings. Students will be required to complete a term paper that reviews literature or a topic selected by the instructor. Every semester. *Prerequisite:* PSY 324 and one additional course from among the following: PSY 202, PSY 203, PSY 205. *General Education: Psychology.*

PSY 450 Research Seminar in Psychology 3 SH

An upper-level psychology course in which students will explore advanced topics in psychology and will be expected to design, execute and analyze their own empirical study and submit an APA-style report. Every semester. *Prerequisite:* PSY 324 plus three additional courses in psychology. *General Education: Psychology.*

PSY 460 Independent Study in Psychology 3 SH

The student will do an approved original research project related to his/her field of interest under the supervision of a faculty member. The semester's findings will be summarized in a formal paper. Every semester. *Prerequisite:* PSY 324, plus at least nine additional hours of psychology courses; minimum GPA of 3.0 and grade no lower than a "C" in PSY 201, PSY 204 and PSY 324. Students must receive the permission of the department prior to registering for this course. *General Education: Psychology.*

PSY 475 Honors Guided Reading in Psychology 3 SH

Students will complete preparatory work leading to PSY 476: Honors Thesis in Psychology. Emphasis will be placed on performing an extensive literature review and reading a particular topic in psychological science. The content and scope of the PSY 475 will be negotiated with the supervising faculty, and is intended to provide students with significant exposure to existing research in the relevant topic and to facilitate the development of a theoretical basis for PSY 476. Each student must obtain a faculty member to supervise and evaluate his/her performance. *Prerequisite:* PSY 324 and the psychology advanced seminar (PSY 412, PSY 415, PSY 425, PSY 439 or PSY 450) must be completed prior to PSY 475. If the instructor believes that other courses are necessary for the student to implement the semester's work, the instructor will designate such courses; students must

receive the permission of the department prior to registering for this course; Junior standing; minimum Psychology GPA of 3.5 and a minimum overall GPA of 3.3.

PSY 476 Honors Thesis 3 SH

The student will do approved original research related to his/her field of interest under the supervision of a Psychology faculty member. The research question must be substantially different from (although it may be related to) the work completed by the student in PSY 324 or the Advanced Seminar, and is an outgrowth of PSY 475. The research findings will be summarized in a formal paper. Every semester. *Prerequisite:* PSY 475; the Psychology Advanced Seminar (PSY 412, PSY 415, PSY 425, PSY 439 OR PSY 450); students must receive the permission of the department prior to registering for this course; Junior standing; minimum Psychology GPA of 3.5 and a minimum overall GPA of 3.3.

AIR FORCE RESERVE OFFICERS TRAINING CORPS (AFROTC)

Courses at Yale University, New Haven

USAF 101/102 The Foundations of the USAF – Thursdays; time 10:30-11:20.

USAF 201/202 The Evolution of Air/Space Power – Tuesdays and Thursdays; time 10:30-11:20.

USAF 301/302 USAF Leadership Studies – Tuesdays; time 8:30-11:20.

USAF 401/402 National Security Affairs/Prep for Active Duty – We will not be offering USAF 401/402 during Academic Year '12-'13.

Leadership Laboratory – Thursdays; time 8:30-10:30

Physical Training – Tuesdays, Wednesdays, and Fridays; time 7:00-8:30

SOCIAL SCIENCES

The social sciences consist of anthropology, economics, geography, political science and sociology. Courses listed under social sciences are department interdisciplinary courses.

SS 100 Introduction to Social Sciences 3 SH

A framework for the systematic study of man in society, using the working concepts of contemporary social science as a basis for understanding organized human behavior. **General Education: Social Sciences.**

SS 201 Researching Social Issues 3 SH

This course introduces elementary concepts of research as an integral part of the study of one or more selected contemporary social issues. The research methods and skills to be introduced include discerning fact from opinion, the logic of hypothesis testing and the use of library and computer reference tools. Students will be required to write a bibliography, research hypothesis and a statement of the appropriate methodology for the selected social issue topic. SS 201 is required of anthropology-sociology, economics, political science and social sciences majors. Every semester. **Prerequisite:** Completion of any introductory course in ANT, ECO, PS or SOC with a grade of "C" or higher; WRT 101 or placement into a Writing Intensive (WI) course. **General Education: Social Sciences.**

SS/GEO 215 Introduction to Geographical Information Systems 3 SH

See GEO/SS 215

SS 297 Internship/Co-op

SS 298 Faculty Developed Study 1–6 SH

SS 299 Student Developed Study 1–6 SH

SS 300 Quantitative Research Methods in the Social Sciences 3 SH

Designed particularly as an introduction to statistical methods and reasoning in the social sciences, this course will provide orientation to and experience in the application of quantitative research methodology. Data organization, descriptive measures, sampling and population tests for significance, analyses of variance, correlations, regression and choice of appropriate procedures for future research toward the degree in social sciences are all included. Instruction in and use of software specific to social science research design and analysis. **Prerequisite:** SS 201 with a "C" grade or higher; MAT 100 or appropriate placement; Junior or Senior standing in a Social Science major.

SS/ED 385 Methods of Teaching in Secondary Schools 3 SH

See ED/SS 385

SS/ED 386 Secondary Education Professional Development School Experience 1 SH

See ED/SS 386

SS 400 Senior Research Thesis 3 SH

Designed to acquaint majors in the social sciences with the range of research methods available in the social sciences, along with a consideration of the fundamental elements of scientific method upon which specific research techniques are based. The student will write an original research paper as the central activity of this seminar. Every semester. **Prerequisite:** Completion of SS 300 with a "C" grade or higher; completion of a Writing Intensive (WI) course and permission of the department chairperson. Permission should be obtained before registration. Recommended to be completed in the Senior year. **General Education: Social Sciences.**

SS 401 Fundamentals of Conflict Resolution 3 SH

This course examines the two basic models of conflict resolution: the competitive and the collaborative models. Variations of that theme include third party intervention and negotiation paradigms. Conflict resolution styles, strategies, and skills, as well as the theory of managing conflicts in values and needs, are presented, discussed and applied to everyday interpersonal and group differences and disputes. Also explored are ethical, cultural, gender and racial implications of conflict resolution. The goal of the course is to enhance the student's understanding of and skills in conflict resolution in order to interact more effectively and to solve problems creatively. Fall semester of even-numbered years. **Prerequisite:** Sophomore standing or permission of the instructor. With prior adviser approval, course may be taken for graduate credit. **General Education: Social Sciences.**

SS 402 Mediation: Theory and Practice 3 SH

This course examines the spectrum of third-party intervention, with an emphasis on the theory and practice of mediation. Professional ethics, neutrality and bias are discussed in the context of mediation specifically, and third party intervention, generally. Negotiation paradigms, collective bargaining and mutual gains are presented, discussed and applied to the mediation process. Current theoretical approaches to mediation are discussed, as well as various applications of mediation, which include these topics (among others) of neighborhood, court sanctioned, victim offender, divorce, child custody and housing. Skills and processes used by mediators are illustrated through class role-playing exercises. Learning approaches of this course include lecture, simulations, modeling and practicing mediation. Spring semester of even-numbered years. **Prerequisite:** SS 401 or permission of the instructor. With prior adviser approval, course may be taken for graduate credit. **General Education: Social Sciences.**

ED 441 Teaching History and Social Studies in Secondary Schools 3 SH

See ED/SS 441

The following courses also have been approved and are offered periodically:

SS 101 *Introduction to Third World Development*

SS 111 *Contemporary Cultures and Societies of Latin America*

SS/ENV 250 *Society and the Environment*

SS 301 *Guided Reading in the Social Sciences*

SOCIOLOGY

SOC 100 Introduction to Sociology 3 SH

A survey of contemporary American society. Basic sociological theory dealt with through study of present-day American social life and institutions. Every semester. *General Education: Social Sciences.*

SOC 101 Social Problems 3 SH

A detailed analysis of selected aspects of contemporary American society, with particular emphasis on social institutions and problems associated with them. Every semester. *Prerequisite:* SOC 100. *General Education: Social Sciences.*

SOC 200 Concepts of Race and Racism 3 SH

A sociohistorical and contemporary look at race and racism, focusing mainly on the United States. This course explores how global social transformations, stemming from Western European conquest and colonization, led to the formation of "race relations." The course examines the resulting political economy and culture of racism. The invention of and meanings attached to various racialized identities, both white and non-white, are considered as they transform over time. The course also investigates white and non-white resistance movements and, more generally, follows the evolution of perspectives and theories of race and racism. Every semester. *Prerequisite:* ANT 100 or SOC 100 or SOC 101. *General Education: Social Sciences.*

SOC/JLA 201 Criminology 3 SH

See JLA/SOC 201

SOC/ANT 204 Culture and Personality 3 SH

See ANT/SOC 204

SOC/JLA 205 Juvenile Delinquency 3 SH

See JLA/SOC 205

SOC 210 Urban Sociology 3 SH

Focus will be upon the process of urbanization and an analysis of cities. Emphasizing key demographic and physical characteristics of urban populations, city growth, urban social structure, urban behavior patterns and social relationships and urban problems. Fall semester of odd-numbered years. *Prerequisite:* SOC 100. *General Education: Social Sciences.*

SOC 211 Latinos in the United States 3 SH

A comparative look at Latinas/os in the United States, both historically and today. Political, economic, cultural and territorial links between Latin America (including the Caribbean) and the U.S. are reviewed, focusing on the effects of these links on the American social structure. The course examines Latinas/os in greater New York, Florida's Miami/Dade county, California, and along the U.S./ Mexico border. Various issues and topics that may be explored include: westward expansion and imperialism, labor force participation in the world-economy, racism, immigration, anti-immigrant sentiment, identity, language, education, gender, gang involvement and political activism. Spring semester of odd-numbered years. *Prerequisite:* SOC 100 or permission of the instructor. *General Education: Social Sciences.*

SOC/ANT/AAS 212 Peoples & Cultures of Africa 3 SH

See ANT/AAS/SOC 212

SOC/ANT 216 Anthropology of the Middle East 3 SH

As the world becomes more interconnected and linked globally, our society is increasingly faced with beliefs, practices, ideals, ideas, and ways of life that at times baffle us and discomfort us. Current conflicts in the world point to a need to actually go beyond stereotypes and understand both sameness and difference when it comes to cultures. This course seeks to look beyond common stereotypes of the Middle East and focus on daily life experiences of families and individuals who live in the region through applying an anthropological lens and reading ethnographic studies. *Prerequisites:* ANT 100 or SOC 100 or permission of instructor

SOC/AS 217 The American Dream: Visions & Revisions 3 SH

See AS/SOC 217

SOC 221 Human Family Systems 3 SH

Cross-cultural and historical approach, emphasizing the connections of family systems to other aspects of culture and leading to a broad perspective on current developments. Spring semester of odd-numbered years. *Prerequisite:* SOC 100 or ANT 100. *General Education: Social Sciences.*

SOC/ANT 232 Religion & Culture 3 SH

See ANT/SOC 232

SOC/ECO/ANT 234 Economic Anthropology 3 SH

This course will give both a theoretical and a practical grounding in economic anthropology by focusing on recent fieldwork and publications within economic and cultural anthropology. After students are introduced to theoretical debates and issues in the field, they will read about and discuss people in the specific ethnographic contexts as they grapple with poverty, globalization, modernization, and development – always keeping in mind that the economy is closely intertwined with and cannot be understood apart from sociocultural factors in people's lives. The course will involve small-group and large-group discussions, lots of interesting reading and a commitment to the formation of a critically thoughtful and engaged classroom community. *Prerequisites:* ANT 100 or SOC 100 or ECO 100 or permission of instructor.

SOC/ANT 242 Buddhism and Culture 3 SH

See ANT/SOC 242

SOC/ANT/WS 251 Women and Gender in the Middle East 3 SH

This course will explore the complex and multilayered processes and dimensions, including texts, cultural values and practices, institutions and events which have shaped and continue to shape gendered experience in the Middle East. We will consider these processes in their historical context focusing mainly on the contemporary Middle East. *Prerequisites:* ANT 100 or SOC 100 or

WS 100 or permission of instructor.

SOC/SW 260 Aging 3 SH

See SW/SOC 260

SOC 298 Faculty Developed Study 1–6 SH

SOC 299 Student Developed Study 1–6 SH

SOC 301 Globalization and Migration 3 SH

Globalization draws the world together economically, culturally, politically and socially by means of international exchanges, including trade, policy and migration. In countries like the United States, this has given rise to large immigrant populations. This course evaluates both historic and contemporary effects of globalization on migration processes for both sending and receiving countries, as well as for migrants and their families. The course reviews associated theories and literatures, using specific examples from various regions of the world that may include: Western Europe, the United States, Africa, Asia, the Caribbean, Eastern Europe, Latin America and the Middle East. Topics may include: sex trafficking; refugee, colonial, tourist and labor migrations; the slave trade; transnational experiences; international development; migration policies; the costs and benefits of migration; challenges to national identities and national security; anti-immigrant sentiment; and racism. The course usually includes a tour of New York City, exploring immigrant histories and contemporary communities; there is an added fee for this tour to be determined when offered. Spring semester of even-numbered years. *Prerequisite:* ANT 100 or PS 104 or SOC 100 or SOC 101. *General Education: Social Sciences.*

SOC/ANT 330 Social and Cultural Theory 3 SH

See ANT/SOC 330

SOC/JLA 334 Organized Crime 3 SH

See JLA/SOC 334

SOC/JLA 336 White-Collar Crime 3 SH

See JLA/SOC 336

SOC/ANT 350 Modern and Postmodern Societies 3 SH

See ANT/SOC 350

SOC 400 Advanced Topics of Sociology 2–6 SH

The content and credit hours of this course will vary from year to year, depending on the interests of the students and faculty. Aspects of sociology not introduced or not treated in depth in other courses of the major will be introduced or treated in depth. Examples that could be included: technology and work, students and education, welfare planning, social class and modes of communication. The course may be repeated for credit with different content and permission of the department. The department will determine the number of credits prior to the course offering. Offered periodically. *Prerequisite:* determined at time of offering. Open to Juniors and Seniors.

The following courses also have been approved and are offered periodically:

SOC 202 Class, Status and Power

SOC 230 Sociology of the Community

SOC/ANT 241 Socio-Cultural Survey of Indian Religions

SOC 305 Contemporary Family Problems

SOC/PS 310 Political Sociology

SOC/ANT 322 Comparative Minority Relations

SOC/ANT 340 Culture, Change and Planning

SPANISH

SPA 110W Latin American Film (In English) 3 SH

This course explores a history of Latin American cinema with an emphasis on cultural analysis. Weekly discussion include cross-cultural and cross-linguistic content. Weekly essays develop critical analysis of cultural topics. This course is taught in English. *Prerequisite:* WRT 101 or appropriate placement. *General Education: Humanities/Communications/Non-Western Culture.*

SPA 111W Spanish Film (In English) 3 SH

This course explores a history of Spanish cinema with an emphasis on cultural analysis. Weekly discussion include cross-cultural and cross-linguistic content. Weekly essays develop critical analysis of cultural topics. This course is taught in English. *Prerequisite:* WRT 101 or appropriate placement. *General Education: Humanities/Communication.*

SPA 162 Introductory Spanish I 3 SH

A first-semester course in Spanish. Aimed at developing the four basic skills (listening comprehension, speaking, reading and writing), and preparing students for further study in the language. The discussion of cultural aspects of the Spanish-speaking world is an integral part of this course. *General Education: Humanities/World Languages and Literature (if SPA 164 is successfully completed).*

SPA 164 Introductory Spanish II 3 SH

A second-semester course in Spanish. Further development of the four basic skills: listening comprehension, speaking, reading and writing. The discussion of distinctive cultural aspects of the Spanish-speaking world is an integral part of this course. *Prerequisite:* SPA 162 with a minimum grade of "C-" or placement by oral interview. *General Education: Humanities/World Languages and Literature.*

SPA 170 Practical Spanish for Health Professionals 3 SH

Introduces health personnel to the basics in structure and grammar and familiarizes the student with the vocabulary and terminology necessary for communication with Spanish-speaking people. Spring semester. *General Education: Humanities/World Languages and Literature.*

SPA 196 Intermediate Spanish Language and Culture I 3 SH

The first-semester intermediate level course of Spanish that focuses on reading, writing, oral comprehension and speaking through a study of Hispanic cultures. *General Education: Humanities/World Languages and Literature.*

SPA 197 Intermediate Spanish Language and Culture II 3SH

The second-semester intermediate level course of Spanish that focuses on reading, writing, oral comprehension, and speaking through a study of Hispanic cultures. *General Education: Humanities/World Languages and Literature.*

SPA 203 Conversation and Composition: Film 3 SH

This course is designed to increase oral and writing proficiency in Spanish through an introduction of the study of cinema from Spain and Latin America. Students will develop conversational skills with the introduction to advanced vocabulary in context. There will be additional grammar review particularly relating to composition strategies. *Prerequisite:* SPA 197. *General Education: Humanities/World Languages and Literature/Communication.*

SPA 204 Conversation and Composition: Essay 3 SH

Spanish 204 includes an intensive review of Spanish grammar with an emphasis on writing skills, readings from Latin American and Spanish authors, and discussions on traditional and contemporary cultural issues. Students will be required to read, view, and discuss (orally and in writing) a variety of texts including essays, cartoons, audiovisual materials, newspapers, film and Internet resources. *Prerequisite:* SPA 197. *General Education: Humanities/World Languages and Literature.*

SPA 207 Introduction to Analysis: Fiction 3 SH

This course introduces students to foundations of cultural and literary analysis of contemporary narrative texts from Spanish and Latin American authors. Students will continue to develop oral and writing proficiency in Spanish through a critical analysis of short stories and novels. Topics will include gender and sexuality, ethnicity, transatlantic identities, migration, colonialism, popular consciousness and revolution, and human rights. These topics correspond to issues that will be explored in depth in upper-division culture and literature courses. *Prerequisite:* SPA 197. *General Education: Humanities/World Languages and Literature.*

SPA 208 Introduction to Analysis: Poetry 3 SH

This course introduces students to foundations of cultural and literary analysis of contemporary poetic texts from Spanish and Latin American authors. Students will continue to develop oral and writing proficiency in Spanish through a critical analysis of a variety of poetic forms. Topics will include gender and sexuality, ethnicity, transatlantic identities, migration, colonialism, popular consciousness and revolution, and human rights. These topics correspond to issues that will be explored in depth in upper-division culture and literature courses. *Prerequisite:* SPA 197. *General Education: Humanities/World Languages and Literature.*

SPA 211 Global Academy 3 SH

Participants in this intensive language and culture immersion program will increase oral proficiency and deepen cross-cultural competencies through Spanish language immersion and intercultural exchange taught by WCSU faculty in Spanish. The first week of the course will focus on arts appreciation and creative inquiry, the environment and social change, and cultural knowledge related to the social and political history of the region through lectures and discussion with faculty from WCSU, in partnership with faculty from an institution of higher education abroad. During the second week of the course, students will have the option of participating in an education immersion experience or conducting research projects related to the culture content of the course. *Prerequisite/Corequisites:* one semester of Spanish study or placement examination by oral proficiency examination. *General Education: Humanities/Non-Western Culture/World Languages and Literature.*

SPA 221 Cultures of Spain 3 SH

In this course we will explore how identities of a diverse and heterogeneous Spain were constructed historically. Through the exploration of the diversity of Spain, we will learn to better understand contemporary Spain as a multicultural and multilingual

nation of the 21st century. There will be a particular focus on cultural production, specifically literature, film, arts, and music contributions to the development and expression of cultures in various historical, political and economic contexts. *Prerequisite:* one 200-level course in Spanish. **General Education: Humanities/World Languages and Literature/Western History.**

SPA 222 Cultures of Spanish America 3 SH

In this course we will explore the heterogeneity of Hispanic cultures in the Americas from Pre-Columbian civilizations to the 21st century. There will be particular focus on cultural production, specifically literature, film, art and music as contributions to the development and expression of cultures in various historical, political, and economic contexts. *Prerequisite:* one 200-level course in Spanish. **General Education: Humanities/World Languages and Literature/Western History/Non-Western Culture.**

SPA 224 Trans-Atlantic Hispanic Cultures 3 SH

Exploration of cultural interactions between Spain and Latin America, and among Spain, Latin America and the U.S., in literature, music, film and popular culture from the early modern period to the present. Topics include imperialism; the relationship between modernity and colonialism; diasporas; contact zones; transculturation; rearticulation of transnational identities; coexistence in differences; borderlands; mestizo cultural spaces; indianos, (women) travelers and migrants as cultural agents; migration; exile; pilgrimage. *Prerequisite:* one 200-level course in Spanish. **General Education: Humanities/World Languages and Literature/Western History.**

SPA 225 Hispanic Cultures: Connecticut 3 SH

This course introduces students to the region's large and diverse group of Hispanic cultures from Puerto Rico, Colombia, Ecuador, Peru, Mexico, and others, which have contributed to the Hispanic diaspora in New York City and Connecticut. Students will undertake field projects designed to look at the effects of transnational migration on urban culture, institution-building and identity formation. *Prerequisite:* one 200-level course in Spanish. **General Education: Humanities/World Languages and Literature/Western History.**

SPA 226 Global Immersion: Spain 3 SH

This course will allow participants to improve their reading, writing, speaking and listening skills in Spanish through a month-long immersion in its language, arts and culture by living and studying in Spain. There will be a particular focus on arts and architecture, enhanced through visits to museums, cultural and historical sites, which are an integral part of the program. Through the exploration of the richness of Spanish arts, architecture, linguistic and ecological diversity, students will learn to better understand contemporary Spain as a multicultural and multilingual nation in the 21st century, and make global comparisons. **General Education: Humanities/World Languages and Literature.**

SPA 298 Faculty Developed Study 1–6 SH

SPA 299 Student Developed Study 1–6 SH

SPA 320 The Poetry of Spain and Latin America 3 SH

This course explores a broad range of poetic expression in the Spanish language from the Middle Ages to the present on both sides of the Atlantic. Emphasis is placed on critical approaches to poetry as well as on the pleasure of enjoying it. Poetic works will be read in the context of major literary movements of the Hispanic world, and also as independent texts whose meaning is constructed by each and every reader. *Prerequisite:* two 200-level courses in Spanish. **General Education: Humanities/World Languages and Literature/Western History.**

SPA 330 Representative Authors: Spain 3 SH

This course will focus on major authors and great literary works from Spain whose contributions to literary productions have defined a canonical tradition of Spanish literature. Don Quixote, Don Juan, Celestina the Bawd and Lazarillo the Rogue prompt questions about the function and universality of myth, the meaning of individuality, and the vicissitudes of cultural influence and transgression, particularly as defined with respect to marginal, outlaw or outcast characters (including those who pass for lunatics, thieves, prostitutes, religious minorities and unconventional women). *Prerequisite:* two 200-level courses in Spanish. **General Education: Humanities/World Languages and Literature.**

SPA 331 Representative Authors: Spanish America 3 SH

This course will focus on major authors and great literary works from Latin America whose contributions to literary production have defined a canonical tradition of Latin American literature. *Prerequisite:* two 200-level courses in Spanish. **General Education: Humanities/World Languages and Literature.**

SPA 336 Theater in Spain and Latin America 3 SH

This course explores a broad range of dramatic writing in the Spanish language from the Golden Age to the present on both sides of the Atlantic. Emphasis is placed on critical and theoretical approaches to reading drama. Dramatic works will be studied in the context of major literary movements of the Hispanic world, and also as independent texts whose meaning is constructed by each and every reader. *Prerequisite:* two 200-level courses in Spanish. **General Education: Humanities/World Languages and Literature.**

SPA 337 Modern Spanish Novel 3 SH

This course explores the boom of narrative in contemporary Spain. Emphasis is placed on critical and theoretical approaches to reading narrative. The novels will be studied in the context of major cultural and political shifts in recent decades in Spain, and also as independent texts whose meaning is constructed by each and every reader. Reading, classroom discussions and writing assignments are designed to improve students' speaking and writing skills in Spanish. *Prerequisite:* two 200-level courses in Spanish. **General Education: Humanities/World Languages and Literature.**

SPA 360 Readings on the Arts in Spain and Latin America 3 SH

This course explores Iberian and Latin American readings on the visual arts, cinema, architecture and music. A variety of texts, such as essays, scholarly articles, film, opera, songs, poetry, and autobiographic prose created on both sides of the Atlantic will serve as a starting point for an exploration of the plastic and performing arts on the Iberian Peninsula and Latin America from the prehistoric times to the present. Reading, classroom discussion and writing assignments are designed to improve students' speaking and writing skills in Spanish. *Prerequisite:* two 200-level courses in Spanish. **General Education: Humanities/World Languages and Literature.**

SPA 361 Gender and Sexuality in Spanish America 3 SH

How is gender imagined in cultural production? What role has feminism played in transforming women's writing? How is sexuality represented in film and literature? What is the relationship between gender and ethnicity in articulating subjectivity? We will consider these questions and many others in our exploration of the construction of gender and sexuality in texts by men and women in Spanish America. *Prerequisite:* two 200-level courses in Spanish. **General Education:** *Humanities/World Languages and Literature/Non-Western Culture/Literature.*

SPA 365 Revolution, Testimony and Memory in Spanish America 3 SH

This course explores literary works, themes, genres, and movements that emerged from or accompanied a series of popular uprisings and revolutions (e.g., the Mexican Revolution) during the 20th century. We will also study literary responses to repression during dictatorships and redemocratization. *Prerequisite:* two 200-level courses in Spanish. **General Education:** *Humanities/World Languages and Literature/Non-Western Culture/Literature/Humanistic Studies.*

SPA 367 Colonial Spanish America 3 SH

This course examines the development of colonial discourse and ideology from the time of colonization and conquest of the Americas. We will explore indigenous expression, European mercantilist writing and the rise of Creole and Mestizo forms of American consciousness. Special attention will be devoted to the ways in which the various ideological and discursive forms generated in that period survive in the present. *Prerequisite:* two 200-level courses in Spanish. **General Education:** *Humanities/World Languages and Literature/Western History/Non-Western Culture/Literature.*

SPA 370 U.S. Latina/Latino Literature 3 SH

This course explores exemplary texts written by Latina/Latino authors and examines them in relation to their representation of issues such as gender and sexualities, diasporic identities and bilingualism. We will consider a diversity of Chicana/o and Latina/o literature (poetry, narrative, theater and film) in our analysis of topics such as transculturation, (im)migration, feminist consciousness, exile, mythology and linguistic identity. *Prerequisite:* two 200-level courses in Spanish. **General Education:** *Humanities/World Languages and Literature.*

SPA 371 Spanish-Caribbean Identities 3 SH

This course examines cultural production from Cuba, the Dominican Republic, and Puerto Rico in relation to national and pan-Caribbean identities. We will specifically focus on issues of race, gender, sexuality and migration as they relate to cultural identity. *Prerequisite:* two 200-level courses in Spanish. **General Education:** *Humanities/World Languages and Literature.*

SPA 375 The Picaresque in Spanish Literature 3 SH

This course examines issues concerning picaresque literature, its historical development, its relationship to issues of gender definition, and its definition of the figure of the rogue, "pícaro" or "pícaro", as anti-hero in Spanish and Latin-American literature. *Prerequisite:* two 200-level courses in Spanish. **General Education:** *Humanities/World Languages and Literature.*

SPA/ED 385 Methods of Teaching in the Secondary Schools 3 SH

See ED/SPA 385

SPA/ED 386 Secondary Education Professional Development School Experience 1 SH

See ED/SPA 386

SPA 400 Linguistics 3 SH

This course provides an overview of Spanish syntax and semantics and allows students to systematize their knowledge of Spanish, improve their speaking and writing skills and think critically about diachronic and synchronic language development. It also prepares them for their chosen professional field as instructors of Spanish. The course begins with an exploration of Spanish as a world language and its historic development. The discussion continues with topics in Spanish morphology, such as word formation and verbal inflection. Finally, issues in syntax and semantics are analyzed both in isolation and in terms of their relationship to each other. *Prerequisite:* one 300-level course. **General Education:** *Humanities/World Languages and Literature.*

SPA 411 Global Academy II 3 SH

Participants in this intensive language and culture immersion program will increase oral proficiency and deepen cross-cultural competencies through Spanish language immersion and intercultural exchange taught by WCSU faculty in Spanish. The first week of the course will focus on art appreciation and creative inquiry, the environment and social change, and cultural knowledge related to the social and political history of the region through lectures and discussion with faculty from WCSU, in partnership with faculty from an institution of higher education abroad. In addition to the study of language and culture, this seminar will provide teacher training and professional development for current and future teachers with more than 30 hours of classroom observations in schools, opportunities to participate in teaching lessons, and an instructional technology final project.

Prerequisite/Corequisite: one semester of Spanish study or placement examination by oral proficiency examination. **General Education:** *Humanities/World Languages and Literature/Non-Western Culture.*

SPA/ED 448 Teaching Spanish in Secondary Schools 3 SH

See ED/SPA 448

WOMEN'S STUDIES

WS 200 Introduction to Women's Studies 3 SH

The course will introduce students to the broad variety of scholarship on women throughout the world. The course content includes topics such as: gender, gender roles, and sexuality and power. The course will examine women's lives through the lens of history, race, class, ethnicity and sexuality. The course may also address: women and work, welfare, family issues, AIDS, violence, reproductive rights, civil rights, communication, health, literature, militarization and welfare. **General Education: Humanistic Studies.**

WS/HIS 210 Women in American History 3 SH

See HIS/WS 210

WS/COM 211 Women, Language and Communication 3 SH

See COM/WS 211

WS/PSY 217 Psychology of Women 3 SH

See PSY/WS 217

WS/ANT 236 Culture, Sex & Gender 3 SH

See ANT/WS 236

WS/JLA 301 Women and Criminal Justice 3 SH

See JLA/WS 301

WS/HIS 319 Women in Medieval and Early Modern Europe 3 SH

This class will focus on the history of women during the medieval and the early modern period, from roughly the 9th until the 16th centuries. Discussion begins with understanding medieval and early modern categories of women in European culture: mystics, queens, witches, authors, nuns, mothers, etc. Then the course examines the lives of specific women who may or may not conform to the expectations of these categories of women. Course discussion also focuses on the origins and persistence of gender stereotyping throughout these periods and debate over their continued relevance. *Prerequisite:* Junior standing or written permission of the instructor.

WS/ANT 321 Globalization, Gender and Feminist Anthropology 3 SH

See ANT/WS 321

WS/ENG 334 Women Writers 3 SH

See ENG/WS 334

The following courses also have been approved and are offered periodically:

WS/ECO 212 Economics of Gender

WS/NUR 250 Women's Health Issues

WS/ANT 314 Native Peoples of the Southwest: Women, Spirituality and Power

WS/HIS 320 Women and Leadership

WS/COM 444 Women and Media in the U.S. General Education: Humanities/Communication.

WORLD LANGUAGES

Language courses are listed under the following subject areas:

- Arabic
- Chinese
- French
- German
- Hebrew
- Italian
- Portuguese
- Spanish

WRITING

Writing Intensive Courses

A number of courses offered by the Department of Writing, Linguistics, and Creative Process fulfill the general education writing requirement. These courses are marked in the semester brochure with a "W." These courses have as their minimum prerequisite WRT 101 (formerly ENG 101) or appropriate placement.

WRT 098 Written Communication 3 SH

This course focuses on sentences as building blocks of paragraphs and paragraphs as building blocks of essays. By the end of the semester, students should be writing sentences that are free of most of the basic grammar errors, paragraphs that are unified and coherent, and short essays with a clear central idea. *Prerequisite:* appropriate placement.

WRT 101 Composition I: The Habit of Writing 3 SH

This course will instill in students the habit of writing. They will use writing to master challenging subject matter and discover their own legitimate and powerful relationship to that material. Students will learn how to convey their own ideas persuasively. Students will also learn the fundamentals of writing a fully documented research essay. *Prerequisite:* A "C" or better in WRT 098 or appropriate placement.

WRT 102W Intro to the Creative Process 3 SH

This course serves as an introduction to the creative process that goes into any kind of writing: fiction, nonfiction, poetry, essays, and even technical writing. Writing projects in different genres will help students develop their own working methods and discover how to match these methods to the specific requirements of a writing task. Every semester. *Prerequisite:* WRT 101 or appropriate placement. *General Education: Humanities/Communications.*

WRT 103W Composition II: Research and Writing 3 SH

Intensive semester-long work on a major research project on a particular subject with emphasis on methods of research. Students will be required to perform traditional library research and will demonstrate the ability to use more recent electronic research tools. The course emphasizes the critical thinking necessary to evaluate sources and arguments by requiring students to learn and recognize logical fallacies. Students will learn and use standard methods of documentation of sources. *Prerequisite:* successful completion of WRT 101 or appropriate placement.

WRT 119 First-Year Seminar for Professional Writing Majors 1 SH

This course introduces first-year students to the various career options offered within the Professional Writing major and to the university overall. Every fall.

WRT 132W Introduction to Professional Writing 3 SH

An introduction to the skills of the professional writer through a number of different writing assignments. The course emphasizes the integration of research, critical analysis and writing process as applied to technical and specialized subjects. This project-oriented course offers training applicable to writing in many disciplines. Every semester. *Prerequisite:* WRT 101 or appropriate placement. *General Education: Humanities/Communication.*

WRT 133W Introduction to Writing Fiction 3 SH

This course provides a thorough overview of the fiction writing process; exposes students to great writers of fiction and their works as models, prompts, and inspirations; provides students with the vocabulary and analytical skills necessary to critique the writing of others; and helps students analyze and revise their own fiction in a workshop setting. *Prerequisite:* completion of WRT 101 or appropriate placement.

WRT 134W Introduction to Writing Poetry 3 SH

This course 1) provides a thorough overview of a variety of poetry writing processes, 2) exposes students to classics of the genre and work being done now in the genre as models, prompts, and inspirations, 3) provides students with the vocabulary and analytical skills necessary to critique the writing of others, and 4) introduces students to the processes of analyzing and revising their own poetry. *Prerequisite:* WRT 101 or appropriate placement.

WRT 171W Craft of Writing I: Conversations with Predecessors 3 SH

This writing workshop focuses on examination of influence in the works of major writers, artists, and filmmakers for the purpose of showing how writers have imitated and appropriated the works of their predecessors. Students also will create their own texts that imitate or appropriate the texts under examination. Required for Professional Writing majors. *Prerequisite:* WRT 101 or appropriate placement. *General Education: Humanities/Communication.*

WRT 172W Craft of Writing II: Conversations with Contemporaries 3 SH

This writing workshop examines competition, imitation, influence, and appropriation among 20th- and 21st-century writers. Students will come to understand how contemporary writers have responded to one another and how they, too, must find ways of responding to their contemporaries. Students will imitate and appropriate the texts under examination. Required for Professional Writing majors. This course does not presume knowledge of material covered in WRT 171W. *Prerequisite:* WRT 101 or appropriate placement. *General Education: Humanities/Communication.*

WRT 210W Managerial Writing 3 SH

This course is geared toward the needs of business majors. Students will learn how to write effective letters, memos, reports, handouts, emails and PowerPoint presentations. They will also learn the basics of document design and apply these principles to their writing assignments. Special emphasis will be placed on ethical communication, audience considerations, word choice and tone. *General Education: Humanities/Communication.*

WRT 219W Writer's Toolbox 1-2 SH

The Writer's Toolbox course focuses students on a topic of interest to professional writers. This course may be repeated for credit provided that the topic is not the same. *Prerequisite:* WRT 101 or appropriate placement.

WRT 242W Poetry Workshop I 3 SH

This class will be a workshop where students will be introduced to the writing of poetry. Each student will gather appropriate information/data/perceptions (including but not limited to encounters with the natural world). Each student will be encouraged to develop his/her poetic talents as fully as possible. Emphasis will be placed on the actual language of the poems, the extent to which students succeed in incorporating their research into their poetry, and the extent to which students succeed in saying what they set out to say. *Prerequisite:* successful completion of WRT 101 or appropriate placement. WRT 134 is highly recommended but not required.

WRT 243W Fiction Workshop I 3 SH

An introductory workshop in writing short fiction. Students will engage in a thorough study of the elements of fiction. Studies in this class may include the following: reading texts about the fiction writing process; reading established writers' fiction as models, prompts, and inspirations; engaging in various fiction writing exercises; writing short stories; and having short stories critiqued in a workshop setting. *Prerequisite:* successful completion of WRT 101 or appropriate placement. WRT 133W is highly recommended but not required.

WRT/THR 244W Playwriting Workshop 3 SH

The purpose of this course is to afford students the opportunity to write a one-act play. In the process, students will become familiar with the nuts and bolts of the playwriting process: selection of story, creating characters, development of dialogue, plotting, scene by scene play-building, critical editing and script polishing. The workshop structure requires active participation as each play provides a "case in point" to discuss the specifics of stagecraft. The course culminates in "cold readings" of the student plays. *Prerequisite:* successful completion of WRT 101 or appropriate placement. Recommended: THR 163, THR 181 or THR 182.

WRT 245W Technical Writing: Topic 3 SH

The course is a "topics" course, so it can be adjusted to focus on particular areas of technical writing such as reports, user documentation, online help, technical marketing, or software documentation. Students will become acquainted with technical writing by studying the conventions of various technical discourses and environments (such as user documentation, software documentation, product requirements and specifications), and writing a variety of document forms (such as white papers, memoranda, reports, brochures and manuals). Students learn the shorter paragraph and shorter sentence style of the technical writer and will learn conventions specific to particular document types and audiences. This course may be taken more than once as long as the topic changes. *Prerequisite:* Successful completion of WRT 101 or appropriate placement; WRT 132W is highly recommended but not required.

WRT 255W Advertising, Copywriting and Promotion 3 SH

An introduction to the skills necessary for preparing advertising copy, media spots, Internet ads, brochures, fliers and direct mail copy. Students will study techniques applicable to radio, television, newspaper, magazine and internet advertising and writing. *Prerequisite:* successful completion of WRT 101 or appropriate placement. WRT 132W is highly recommended but not required.

WRT 270W News Writing 3 SH

A workshop teaching the 5-W news story as a model for the writing process. Required for most professional writing options. Every semester. *Prerequisite:* successful completion of WRT 101 or appropriate placement.

WRT 271W Human Interest Writing 3 SH

A workshop on the basics of writing about people, including techniques for bringing observation, setting and emotion into the story. *Prerequisite:* WRT 101 or appropriate placement.

WRT 272W Campus Writers' Workshop 1-6 SH

A workshop concentrating on work at a campus publication. Open to reporters, editors and staff of campus newspapers, journals, newsletters, or public information centers. The workshop meets one hour per week, requires seven to 10 hours per week of work at the publication and is usually taken for one credit each semester. May be repeated for up to six credits. *Prerequisite:* permission of the instructor.

WRT 273W Craft of Writing III: Writing Identity 3 SH

A writing workshop that examines expression or exploration of identity. Through a variety of writing assignments, students will participate in cross-cultural discussions about such identity issues as race, class, and gender. The course will culminate in a final semester project in a creative genre. As part of this course, students will imitate, appropriate, parody and/or adapt the texts under examination, as well as create a semester project in a creative genre. Required for professional writing majors. This course does not presume knowledge of material covered in WRT 171W and WRT 172W. *Prerequisite:* WRT 101 or appropriate placement. **General Education: Humanities/Communication.**

WRT 274W Craft of Writing IV: Form and Inspiration 3 SH

The writing workshop will examine the relationship between form and inspiration/creative insight and the traditions that underlie the particular forms for study and imitation. The course will cover matters such as prosody, form and structure, and characterization. Required for professional writing majors. This course does not presume knowledge of material covered in WRT 171W, WRT 172W or WRT 273W. *Prerequisite:* WRT 101 or appropriate placement. **General Education: Humanities/Communication.**

WRT 275W Topics in Professional Writing 3 SH

A writing workshop course on a hot topic, new trend or special subject in the writing profession. *Prerequisite:* successful completion of a writing intensive course or permission of the instructor.

WRT 276W Writing about Human Tragedy 3 SH

Since the beginning of time, individuals have been compelled to write about tragic, traumatic or life-altering situations such as war, crime, and violence. This course will encourage writers to focus on the ways in which human suffering has the power to transform individuals and allow for insights, enlightenment and transcendence. Coursework will include craft analysis of highly-regarded fiction, nonfiction and other genres containing accounts of human suffering. Students will write short creative or creative nonfiction pieces, in addition to the final project. *Prerequisite:* WRT 101 or appropriate placement.

WRT 303W Composition III: Advanced Research Writing 3 SH

This course builds on the composing skills and rhetorical strategies learned in WRT 101 and “W” courses. The focus of this course will be on the mastery of the principles and style of advanced expository writing. It will prepare students for writing thesis projects in their senior year. Students taking this course will be required to write a substantive research project in their major field of study. They will learn strategies to compose scholarly discourse and perform critical analysis and inquiry. Recommended for professional writing majors as well as students in other disciplines. *Prerequisite:* successful completion of one “W” course.

WRT/JLA 321W Legal Writing, Research and Analysis 3 SH

Legal research, interpreting and analyzing laws, rules, and legal decisions; applying statutory and case law to particular fact situations; preparation of legal memoranda, case briefs and other forms of legal writing. Extensive library time will be required. *Prerequisite:* successful completion of one “W” course or permission of the instructor.

WRT 333W Editorial Environment 3 SH

This workshop will concentrate primarily on four major professional writing issues: 1) understanding libel and copyright law; 2) working with others in the editorial setting; 3) negotiating the tensions between the creative and “business” sides of professional writing; and 4) navigating complex ethical considerations as writers and editors. *Prerequisite:* one 200-level “W” course or permission of the instructor.

WRT 335W Fact-Based Opinion Writing 3 SH

A workshop introducing students to the process of writing fact-based opinion such as is found on television, the Web, in magazines and newspapers. *Prerequisite:* one 200-level “W” course or permission of the instructor.

WRT 337W Teaching Writing in the Schools – Elementary and Middle Schools 3 SH

A practical orientation to the composing process for potential and already-practicing elementary and middle school teachers. The course provides a theoretical and practical approach to the knowledge about rhetoric, composition, and developing learners that has recently come out of leading graduate schools. *Prerequisite:* completion of at least two “W” courses above the 100-level or permission of the instructor. This course is highly recommended for elementary education majors across the curriculum.

WRT 339W Creative Essay 3 SH

This workshop focuses on the kind of essay that combines factual incident and autobiography with a “story” approach that seeks epiphanies and the kind of emotion and characterization usually associated with fiction. *Prerequisite:* successful completion of a “W” course or permission of the instructor. WRT 271W highly recommended but not required.

WRT 340W Public Relations Writing, Concepts, and Practices 3 SH

An introduction to public relations writing at the corporate, governmental, and institutional level. Students will prepare press releases and develop public relations campaigns. Emphasis will be placed on the role of ethics and social responsibility among public relations practitioners. *Prerequisite:* successful completion of WRT 270W or permission of the instructor.

WRT 343W Fiction Workshop II 3 SH

A course that 1) provides a rigorous overview of one specific genre, 2) asks that students study and critique writers and writings in the specific genre from the perspective of craft, 3) asks students to write their own stories in the specific genre, and 4) asks that students critique each other’s work in workshop settings. This course may be taken more than once so long as the topic is different. *Prerequisite:* WRT 243W or permission of the instructor.

WRT/THR 346W Advanced Playwriting Workshop 3 SH

This advanced workshop provides students with the opportunity to write a full-length play. Complexity of plot and multiple subplots, creation of characters with unique voices and strong motivation will be emphasized. Integration of direction, technical direction and special effects will be considered. Students will present their scenes weekly thereby honing critical and editing skills. The course culminates in “cold readings” of student plays. *Prerequisite:* successful completion of THR/WRT 244W or permission of the instructor or department. *General Education: Humanities/Fine Arts.*

WRT 347W Teaching Writing in the Schools-High School 3 SH

A practical orientation to the composing process for potential and already-practicing high school teachers. The course provides a theoretical and practical approach to the knowledge about rhetoric and composition that has recently come out of leading graduate schools. *Prerequisite:* two “W” courses above the 100-level or permission of the instructor. This course is especially recommended for secondary education majors.

WRT 371W Writing the Weird: Conspiracy Theories 3 SH

This course will study both classic and emerging conspiracy theories. Writings from a number of sources will be considered as models and scrutinized for their accuracy and rigor. Students will also study and write about various theories behind the popularity of conspiracy theories. Note: students may take this course more than once as long as the semester topics are different. *Prerequisite:* successful completion of two “W” courses or permission of the instructor.

WRT 373W Editing and Copyediting 3 SH

A workshop focusing on both substantive editing where the editor reworks a piece to improve its structure and copyediting which affects style, grammar, and spelling. Students will gain hands-on experience working with raw copy and will be immersed in the coaching method of working with writers. *Prerequisite:* WRT 270W or WRT 271W or permission of the instructor.

WRT 377W The Writing Life: Topic 3 SH

A workshop in which students explore authors’ backgrounds and cultural roots. How does a writer become a literary icon? Why do some writers gain popularity only after their deaths? Why do others end up writing books that are labeled popular fiction while others end up being cherished as artists? This course will focus on two or more writers per semester and trace their roots as models, prompts and inspirations for students’ explorations of their own artistic roots. It will examine the writers’ cultural backgrounds, activities and concerns before and after becoming established writers. It will also study their publication history, their struggles with publishers (if any) and the nature of these battles. The goal is to understand the various ways that culture and society shape the artist, just as the best artists contribute to and help shape culture and society. They will see how an author’s own changing lifestyle and concerns are reflected in his/her work. In turn, students will explore their own cultural roots system in a semester project. *Note:* This course’s topic subtitle will identify specific subjects to be explored in a given semester. A student may take the course more than once as long as the topics are different. *Prerequisite:* Junior standing or permission of the

instructor.

WRT 431W Writer's Aesthetics 3 SH

In this writing-responsive course students will explore what writers have had to say about their aesthetics, that is, their innate and developed sense of what is good and less good in writing. Students will examine aesthetical statements from writers such as Virginia Woolf, Mary Oliver, Gay Talese, Virgil and many others in a number of genres and compare these to statements by philosophers of aesthetics, beginning with Aristotle and Kant. As the course progresses, students will work in stages to develop their own aesthetical statements. *Prerequisite:* completion of two core courses and two genre workshops.

WRT 442W Publication Design and Development 4 SH

This workshop introduces students to the process of conceptualizing and designing a publication from the editorial philosophy to the technology of desktop publication. Students will invent and produce an online and/or desktop publication during the semester. As part of this course, students will learn to use professional-level publishing software. *Prerequisite:* one 200-level writing course or permission of the instructor.

WRT 462W The Book: From Writing to Publishing 3 SH

Students in this advanced workshop course will explore how writers conceive, organize and develop book projects and how the publishing industry produces and markets them. Students will either work on their own book project or will examine in detail some aspect of the publishing industry. The course is designed to orient the writer toward the special creative process and discipline required for such long writing projects and toward the realities of publishing. Students will be expected to devote at least 15 hours per week of writing and research time to their project. *Prerequisite:* three writing courses within the major or permission of instructor.

WRT 465W Thesis Project 3 SH

In this course professional writing students design, research, and complete a substantive writing project. *Prerequisite:* students must have completed a total of six 200- or 300-level writing courses before taking this class.

WRT 490W Internship/Practicum 3 SH

This course is for students engaged in a writing internship or independent project requiring at least 12 hours per week. The student must draw up a contract describing the specific project or internship. The semester's work is completed under the supervision of a faculty member. *Prerequisite:* permission of the instructor or department chair.

The following courses also have been approved and are offered periodically:

WRT 099 Written Communication for ESL

WRT 338W Writing About Specialized Subjects

WRT 342W Advanced Poetry Writing

WRT 446W Topics in Professional Writing

SCHOOL OF PROFESSIONAL STUDIES

OVERVIEW

DEPARTMENTS

Education & Education Psychology: Elementary Education
Education & Education Psychology: Secondary Education
Health Promotion & Exercise Sciences
Nursing
Social Work

DEGREE PROGRAMS

BS Elementary Education (K-6)
BS Secondary Education (7-12)
BS Health Education (K-12)
BS Health Promotion Studies
BS Nursing
BS Nursing – Registered Nurse Program (Western at Waterbury)
BA Social Work

COURSES

Education
Educational Psychology
Health Promotion & Exercise Sciences
Nursing
Social Work

SCHOOL OF PROFESSIONAL STUDIES

Dean: Jess House, Ph.D.

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Assistant Dean: Maryann Rossi, Ph.D.

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(203) 837-8526 (fax)

Administrative Assistant: Cheryl Bovat

White Hall 123, Midtown Campus
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Departments

Education & Educational Psychology

Chair: Adeline Merrill, Ph.D.

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(203) 837-8413 (fax)

Health Promotion & Exercise Sciences

Co-chair: Jody Rajcula, M.S.

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Co-chair: Robyn Housemann, Ph.D.

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(203) 837-8638 (fax)

Nursing

Chair: Catherine Rice, Ed.D.

ricec@wcsu.edu
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Social Work

Chair: Robert Veneziano, Ph.D.

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(203) 837-8945 (fax)

Mission and Objectives

The School of Professional Studies will be recognized for its unique and dynamic educational, applied research, and community service components, and will be the principal center for public sector higher education in the professional studies of teacher education, health and human services for the western region of Connecticut. To achieve this mission, the School of Professional Studies and its academic departments with their degree and related programs will:

- Provide excellence and access to undergraduate and graduate education in teacher preparation, and health and human service that is built on a strong foundation in the liberal arts and sciences, and that values open communication, creative and critical inquiry, the expansion of evidence-based experiential learning practice and the role of technology in professional practice and teaching;
- Serve students who reflect the full diversity of the western region of Connecticut, and who will upon graduation serve professionally as culturally competent advocates, active in the provision of professional services to the broad spectrum of the population in the western region of Connecticut;
- Contribute to the quality and scope of liberal arts and sciences education at WCSU by offering courses appropriate for all students as well as through interdisciplinary, collaborative educational efforts with other units within the university;
- Contribute to the body of knowledge of the teaching, health and human service professions through the research and scholarly activities by the faculty, and introduce students to research methods and practice;

- Contribute to the enrichment and leadership of the professional communities, and serve the professional and lay communities in a variety of ways including partnerships in the development of effective teaching, health and human service policies, research, community assessment and development;
- Respond to the institutional and regional community with regard to cultural, teaching, health and human welfare needs;
- Commit to the challenge of life-long learning in response to changes in the teaching, health care and human service professions by offering continuing education for alumni, practicing professionals and the lay community.

DEGREE AND RELATED PROGRAMS

The School of Professional Studies offers the following undergraduate professional degrees and programs in teacher preparation, music, health and human service areas.

Undergraduate Degree Programs

B.S. Elementary Education (K-6)

American Studies
 Anthropology/Sociology
 Biology
 Communication
 English
 History
 Mathematics
 Political Science
 Psychology
 Social Sciences
 Spanish

B.S. Secondary Education (7-12)

Biology
 Chemistry
 Earth Science
 English
 History
 Mathematics
 Social Sciences
 Spanish

B.S. Health Education (PK-12)

B.S. Health Promotion Studies

Options:
 Community Health
 Wellness Management

B.S. Nursing

B.S. Nursing – Registered Nursing Program

B.A. Social Work

Admissions

Please refer to the department area in this catalog for specific admission procedures and requirements, or contact the Office of Undergraduate Admissions at (203) 837-9000.

EDUCATION AND EDUCATIONAL PSYCHOLOGY: ELEMENTARY EDUCATION

Dr. Adeline Merrill, Chair

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Ana Cangialosi, Department Secretary

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Faculty

A. Merrill, Chair	J. Burke	K. Burke
K. Campbell	T. Canada	J. Caruso
M. Daria	M. Delcourt	M. Gilles
N. Heilbronner	R. James	G. Lomas
B. Rabe	D. Shaw	M. Wilson

Education Department Mission Statement

The School of Professional Studies and the Education and Educational Psychology (E&EPY) Department are recognized by the Connecticut Department of Education as the principal units for the university with regard to teacher education preparation, serving to coordinate all the university's teacher education degree and related programs.

The mission of the department is to prepare candidates for careers in teaching. We believe in initiating and maintaining professional relationships with the broader educational community and are committed to the continuous support and development of cooperative projects and services with area schools and community agencies. We embrace the broader mission of WCSU to empower students to "... attain the highest standards of academic achievement,... personal development, and ethical conduct."

PROGRAM DISCLAIMER: *Please note that Connecticut teacher certification regulations are subject to change due to legislative proposals and mandates, and that the information in the catalog may not reflect the most recent modifications in the WCSU Education program. Therefore, it is imperative that students check often with their advisers and attend Education Department information sessions for updates and new requirements.*

Important note for all Music Education and Health Education majors: Only the Elementary Education degree program is detailed in this part of the WCSU Undergraduate Catalog.

- **For students seeking a Bachelor of Science degree in Health Education (B.S., PK – 12):** Information for this education degree is listed in this catalog in the Health Promotion and Exercise Sciences section.
- **For students seeking a Bachelor of Science degree in Music Education (B.S., PK – 12):** Information for this education degree is listed in this catalog in the Department of Music section.

Transfer Students

1. Before meeting with Admissions or an adviser, transfer students should download, print and read the Education section from the online undergraduate catalog available on the WCSU website: <http://www.wcsu.edu/academics/programsheets/>. *Bring your program sheet to every meeting with an adviser.*
2. It may take more time for transfer students to complete the Elementary Education program at WCSU because some electives taken at other colleges/community colleges may not transfer into the Education major. Because of the demanding coursework in the Elementary Education program at WCSU, the number of courses taken as free electives is restricted. (Please consult Elementary Education program sheets for information related to free electives.)
3. Grades from previous colleges or universities will be calculated when determining the cumulative 3.0 GPA or higher (subject to change based on state mandates) for admission to and retention in the Education program. However, in order to graduate as an Education major from WCSU, students must maintain a 3.0 GPA (subject to change) which is calculated solely on grades earned at WCSU.

BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION (B.S.) (GRADES K-6)

Marsha Daria, Coordinator of Elementary Education Program

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LEARNING OUTCOMES

Candidates in the elementary teacher education program must demonstrate achievement of the following learner outcomes:

1. Demonstrate academic competence in their selected fields;
2. Know the historical, social, economic, political, comparative and philosophical foundations of education;
3. Understand the variety of patterns of human growth and development;
4. Value and infuse cultural diversity;
5. Demonstrate proficiency in and working knowledge of the Common Core State Standards that will establish what Connecticut's public school students should know and be able to do as they progress through Grades K-12. The following links will guide elementary education majors to a clear understanding of the standards that shape the professional role of the Connecticut teacher:
 - a) 2010 Common Core of Teaching (CCT)
 - b) Connecticut Code of Professional Responsibility and
 - c) 2010 Common Core of Teaching: Foundational Skills
6. Demonstrate a spirit of inquiry, the use of critical thinking skills, and the habits of the reflective practitioner;
7. Demonstrate the ability to incorporate appropriately the use of technology in instructional practices;
8. Possess the knowledge and skills to successfully plan, implement, and evaluate classroom differentiated instruction to effectively maximize students' learning potentials, including the use of instructional technology and literacy;
9. Demonstrate comprehensive knowledge and skills for effectively assessing all school children's learning in the classroom;
10. Conduct themselves at all times in a professional and ethical manner as students, classroom teachers and as school leaders, and embrace the professional values and commitments according to the Connecticut Code of Professional Responsibility;
11. Possess classroom management skills that will assist students to take responsibility for their own behavior while maintaining a classroom that is conducive to learning;
12. Continually improve their professional growth through the practice of inquiry and reflection as a classroom teacher and leader.

Program Summary

Elementary Education students will become *dual majors*: they will major in Education AND they will major in a content area offered within the School of Arts and Sciences; students must select an academic major in arts and sciences in addition to completing their professional education courses. Students must select one of the following academic majors.

***Elementary Education (grades K-6) with Academic Arts & Sciences Majors in:**

American Studies
Anthropology/Sociology
Biology
Communication
English
History
Mathematics (see note below)
Political Science
Psychology
Social Sciences
Spanish

NOTE: Option to Minor in Mathematics

At least 17 credits to include MAT 171 or 181, MAT 182, MAT 222, MAT 242 and at least one of the following: MAT 211, MAT 251 or MAT 363. Additionally, MAT 105 and 106 are required, as they are for all elementary education certification students.

Elementary Education Content Area courses — See specific content area program sheets listed on the WCSU website

Exams: Required for Eligibility for State Teacher's Certification

In addition to the Education program coursework, the following three exams are required:

CT Foundations of Reading

A passing score on this reading exam is a requirement for Elementary Education state certification. It is strongly recommended that Elementary Education students take this reading exam at the *end* of their student teaching semester. Additional information is available online at <http://www.ct.nesinc.com>

PRAXIS I

Candidates must pass a Connecticut state mandated basic skills examination (PRAXIS I) in mathematics, reading and writing, or must obtain a waiver from the State Department of Education by presenting a combined score of 1,100 or more with no less than 450 on either the verbal or math subtest.

If the SAT was administered prior to March 31, 1995, the candidate must present a combined score of 1,000 with at least a score of 400 on both the verbal and the math sections. It is the student's responsibility to apply for this waiver. (Students may present a passing score on a similar test for another state with which Connecticut has certification reciprocity agreements.)

Information concerning the PRAXIS I exam and waiver information is available in the Office of the Dean of Professional Studies,

Midtown campus, 123 White Hall, (203-837-8575) or in the Office of E&EPY in Westside 249.

Call (203) 837-8510. Go online to the Educational Testing Service for detailed information about PRAXIS I:
<http://www.ets.org/praxis/about/praxisi/content>

PRAXIS II

Although not a graduation requirement, passing scores on appropriate PRAXIS II exams are necessary for program completion and subsequent recommendation for teacher certification. The exam tests the essential subject area knowledge unique to each certification teaching area.

- Elementary Education students should take PRAXIS II while student teaching
- Students will not be recommended by WCSU for state teacher's certification until passing scores on PRAXIS II are received and filed with *the university's teacher education certification officer*, the Assistant Dean of the School of Professional Studies, who is located in White Hall 003C. Detailed information on PRAXIS II testing is available online from the Educational Testing Service at <http://www.ets.org/praxis>
- Once a student has completed all his/her bachelor's degree teacher certification requirements and passed PRAXIS II, the *university's teacher certification officer* will file with the Connecticut State Department of Education (CDE) the necessary documents for the student's receipt of CDE teacher certification.

Declaring an Education Major

At the end of the freshman year, students may apply to enter the Education Department. All freshman students who wish to become Education majors must demonstrate a cumulative GPA of 3.0 or higher (subject to change based on state mandates) upon completing 30 credits.

Students who fail to meet this grade point average requirement will not be eligible to declare an Education major. Once accepted as Education majors, students must continue to maintain a cumulative GPA of 3.0 or higher (subject to change based on state mandates) in order to remain in the Education program. Admission into the professional development and student teaching semesters during the senior year are also contingent on the 3.0 GPA or higher standard (subject to change based on state mandates).

Criteria for Professional Teacher Education Program Acceptance

The Elementary Education program at WCSU is rigorous and not all candidates applying for professional program admission are accepted. Students seeking admission to WCSU's elementary education certification programs must have completed and met the following criteria:

- Pass a Connecticut state mandated basic skills examination (*PRAXIS I*) exam- *See detailed requirements for this exam in a previous section.*
- Present at least a 3.0 cumulative average (subject to change based on state mandates) for undergraduate courses taken prior to professional program acceptance (approximately 90 credits and reflecting courses in progress). All work done both at WCSU and other colleges will be considered in the computation of the cumulative grade point average. *Note: Students with less than a cumulative 3.0 GPA (subject to change based on state mandates) will not be admitted to or retained in the program.*
- Complete the university's general education requirements (42 semester-hour minimum) in communication, humanities, social and behavioral sciences, natural sciences and mathematics/computer science, and exercise science, as well as complete a writing intensive course. *Students should refer to their concentration area program sheet for a list of specific courses that meet individual degree program criteria.*
- The courses below must be completed with a minimum grade of "B." If a student receives grades in these three courses that are lower than a "B," the student will be blocked from student teaching, with likely suspension and possible dismissal from the Education program.
 - HPX 215 Health Issues in the Schools (Grades PK-12)
 - ED 206 Introduction to Education
 - EPY 203 Child Development in the School [Note: students who choose to fulfill the course requirements for EPY 203 Child Development in Schools by taking PSY 210 Child Psychology must complete the one credit, 15-hour school observation requirement by taking EPY 201.]

ADDITIONAL PROGRAM ACCEPTANCE CRITERIA

After all of these criteria have been met, then students must fulfill these additional requirements for admissions to the Professional Development Semester (PDS):

- Prepare and present an essay demonstrating a command of the English language and explaining the reasons for enrolling in the teacher education program, emphasizing experience relevant to teaching.
- Present at least two letters of recommendation from persons outside the university who are able to testify to the candidates' suitability as a prospective teacher.
- Participate in an interview by a teacher education faculty team, which will assess candidate's personal attributes and perceived teaching dispositions.

Submission Deadline Dates Applying for Professional Program (Professional Development Semester – PDS)

Elementary Education candidates apply for PDS for the next semester in either the spring or fall semester of their junior year. *The*

submission deadline date for fall semester admittance into a professional teacher education program is noon on April 1, and the submission deadline date for spring semester admittance is noon on November 1. Students must have all of their materials submitted to the elementary education program coordinator by the deadline date. It is the student's responsibility to insure that all materials are submitted by the deadline date. Once materials are received, students are contacted for an interview. Only complete files will be reviewed for PDS.

Reapplication Process if Denied Program Acceptance

If the interview team from the professional program recommends that a student not be admitted to the teacher education program, the student may reapply for admission one semester after the notification of denial. Students have the right to review a copy of the completed interview form.

Suggested Course Sequence

NOTE: At this time, we cannot provide more specific course requirement details due to changes from the Connecticut State Department of Education and pending state legislation; course sequence decisions will be contingent on these state mandates. Therefore, you MUST meet regularly with your assigned Elementary Education adviser and attend ALL information sessions.

The Elementary Education program is demanding, so it is important for students to adhere to the suggested course sequence in order to complete the program in four years. General education requirements should be taken during the freshman year and sophomore year. Education foundation courses should be taken in the recommended sequence. Some education courses have specified prerequisites and GPA requirements; please see course listings. Student teaching courses and the field components must be taken in the sequence specified.

Student Teaching Process — See Student Teaching Handbook:

- Students are not eligible for student teaching course work unless they have received professional program acceptance.
- During their last year, students enter the student teaching phase of the program. In order to register for student teaching elementary education majors must present a 3.0 cumulative GPA or higher (*subject to change based on state mandates*) for all courses taken in their academic and professional education course work. The student teaching requirement for elementary education majors consists of one full semester (70 contact days) of supervised teaching.
- Elementary student teaching (ED 341) is offered only in the fall and spring semesters; applications must be approved by the Arts & Sciences content area advisor and the chair of the E&EPY department.
- **Applications must be filed in the Office of E&EPY by April 1 for following fall semester placement and November 1 for following spring semester placement** (application forms available in Education office, WS 249).
- During the student teaching semester, students must concurrently register for ED 341 (Student Teaching) and ED 340 (Assessment of Teaching Strategies); students should not register for any other courses during the student teaching semester; students are also advised not to work during this semester due to the high time commitment required of planning lessons and grading student work after official school hours.
- Students are responsible for providing their own transportation to and from the school to which they are assigned for student teaching.

Student Teaching Grading Policy

Students earning less than a "P" grade in student teaching may be required to complete additional student teaching and/or course work before receiving a recommendation for graduation and certification.

During their last year, elementary education majors enter the student teaching phase of the program. In order to register for student teaching in an elementary school, which is offered in both the fall and spring semesters, students must present at least a 3.0 cumulative GPA (*subject to change based on state mandates*) for all courses taken in their academic and professional education course work.

During the student teaching semester, students must concurrently register for ED 341 (Student Teaching) and ED 340 (Assessment of Teaching Strategies); students should not register for any other courses during the student teaching semester. Students are also advised not to work during this semester due to the high time commitment required of planning lessons and grading student work after official school hours.

Students earning less than a "P" grade in student teaching may be required to complete additional student teaching and/or course work before receiving a recommendation for graduation and certification. Students must present at least a 3.0 cumulative GPA (*subject to change based on state mandates*) in academic and professional required courses to graduate in the elementary education programs.

Dismissal from the Student Teaching Experience

On occasion, difficulties may arise during the PDS Clinical Experience or during the Student Teaching semester. In these instances, Elementary Education Coordinator, PDS liaison or Student Teacher Supervisor works with the student and other school or university stakeholders to resolve these situations. Note: the Elementary Education coordinator, the PDS liaison and the student teacher supervisors are WCSU Department of Education faculty members.

Every effort is made to assess the situation quickly and to establish a plan of action. Based upon the specifics of the situation, the student may: (1) be reassigned to a different PDS or student teaching placement; (2) be removed from the clinical school experience by the chair of the department. Students will be informed in writing of decisions regarding their status and may appeal these decisions to the Dean of the School of Professional Studies.

See the Student Teaching Handbook for specific details.

Student Teacher Dismissal Appeal Process: The student teacher has the right to submit a written appeal within seven days of a notification of dismissal, to the chair of the E&EPY department, the coordinator of student teaching, and the university

supervisor. The affected student also has the right — within two weeks of the hearing date — to appeal, in writing, his/her dismissal to the Dean of Professional Studies. See the Student Teaching Handbook for specific details.

Dismissal from the Professional Teacher Education Program

Strict guidelines for admission to, and retention in, the teacher education certification programs are part of academic excellence. Students who fail to meet or maintain established admission and retention criteria will be suspended from the program. Students may be given one year according to the school's academic calendar to retake a course and regain good standing for consideration of readmission with the exception of ethical issues, felonies and violations of the professional code. At the end of one year, students will be dismissed if their GPA has not met the 3.0 minimum standard (*subject to change based on state mandates*) which includes all WCSU and transfer credits.

- Dismissal from the Education department program by the E&EPY Department Chair may occur when a student fails to maintain the academic standards of the university and department (see this catalog, "Good Standing: WCSU Student Handbook, "Student Rights and Responsibilities," WCSU Student Teacher Handbook), and/or when a student in class or the field is considered inappropriate for the teaching profession, based on behavior which is not consistent with the standards of ethical conduct and professional behavior prescribed by the Connecticut Code of Professional Responsibility.
- In such cases, discussions take place among the student, faculty involved, and department chair. *The Chair has the authority to make final decisions.* Decisions reached are communicated in writing by the Chair to the student in a timely fashion.
- The student may appeal these decisions to the Dean of the School of Professional Studies or employ the university process for appeal. The university maintains guidelines for student rights and responsibilities and judicial procedures which can be found in the WCSU Student Rights and Responsibilities Handbook. The department adheres to these guidelines in all such matters and may establish additional responsibilities based upon professional training criteria.

Professional Education Fees

1. **TK 20.** Each student in the Education Program is required to obtain a Tk20 license. Tk20 is a comprehensive data management system used to collect, store, and analyze the results of selected assessments. These data are used to improve the degree and certificate programs in education and to provide evidence to external accrediting bodies that accreditation standards have been met. Information on obtaining this license is at <http://cthe.wcsu.edu> (see link in lower left hand corner). The license fee is \$103.
2. **Fingerprinting and Background Check.** Effective July 1, 2010, Connecticut House Bill 6901 stipulates that local or regional boards of education must fingerprint individuals seeking placement in the district for the purpose of completing educator preparation requirements in nonpaid, noncertified positions (e.g., student teachers, interns, observations, etc). A criminal history background check is also required in accordance with chapter 166, sec 29-12a. Courses with clinical experiences that require proof of fingerprinting and background check include: ED 206, EPY 203, ED 341. Contact the Regional Education Service Center, *Education Connection*, at (203) 791-1904 or (860) 567-0863. There is a fingerprinting/background check fee payable to *Education Connection*.

EDUCATION AND EDUCATIONAL PSYCHOLOGY: SECONDARY EDUCATION

Dr. Adeline Merrill, Chair

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(203) 837-3267
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Faculty

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N. Heilbronner	R. James	G. Lomas
B. Rabe	D. Shaw	M. Wilson

Education Department Mission Statement

The School of Professional Studies and the Education & Educational Psychology (E&EPY) Department are recognized by the Connecticut Department of Education (CSDE) as the principal units for the university with regard to teacher education preparation, serving to coordinate all the university's teacher education degree and related programs.

The mission of the department is to prepare candidates for careers in teaching. We believe in initiating and maintaining professional relationships with the broader educational community and are committed to the continuous support and development of cooperative projects and services with area schools and community agencies. We embrace the broader mission of WCSU to empower students to "... attain the highest standards of academic achievement,... personal development, and ethical conduct."

PROGRAM DISCLAIMER: *Please note that Connecticut teacher certification regulations are subject to change due to legislative proposals and mandates; the information in the catalog may not reflect the most recent modifications in the WCSU Education program. Therefore, it is imperative that students check often with their advisors and attend Education Department information sessions for updates and new requirements.*

Important note for all Music Education and Health Education majors: Only the Secondary Education degree program is detailed in this part of the WCSU Undergraduate Catalog.

- **For students seeking a Bachelor of Science degree in Health Education (B.S., PK – 12):** Information for this education degree is listed in this catalog in the Health Promotion and Exercise Sciences section.
- **For students seeking a Bachelor of Science degree in Music Education (B.S., PK – 12):** Information for this education degree is listed in this catalog in the Department of Music section.

Transfer Students

1. Before meeting with Admissions or an advisor, transfer students should download, print and read the Education section from the online undergraduate catalog available on the WCSU website. Bring your program sheet to every meeting with an adviser.
2. It may take more time for transfer students to complete the Secondary Education program at WCSU because some electives taken at other colleges/community colleges may not transfer into the Education major. Because of the demanding coursework in the Secondary Education program at WCSU, the number of courses taken as free electives is restricted. (Please consult Secondary Education program sheets for information related to free electives.)
3. Grades from previous colleges or universities will be calculated when determining the cumulative 3.0 GPA or higher (*subject to change based on state mandates*) for admission to and retention in the Education program. However, in order to graduate as an Education major from WCSU, students must maintain a 3.0 GPA (*subject to change*) which is calculated solely on grades earned at WCSU.

Bachelor of Science in Secondary Education (B.S.) (Grades 7–12)

LEARNING OUTCOMES

Candidates in the Secondary Education program must demonstrate achievement of the following learner outcomes:

1. Demonstrate academic competence in their selected fields;
2. Know the historical, social, economic, political, comparative and philosophical foundations of education;
3. Understand the variety of patterns of human growth and development;

4. Value and infuse cultural diversity;
5. Demonstrate proficiency in and working knowledge of the Common Core State Standards that will establish what Connecticut's public school students should know and be able to do as they progress through Grades K-12. The following links will guide secondary education majors to a clear understanding of the standards that shape the professional role of the Connecticut teacher:
 - a) 2010 Common Core of Teaching (CCT)
 - b) Connecticut Code of Professional Responsibility and
 - c) 2010 Common Core of Teaching: Foundational Skills
6. Demonstrate a spirit of inquiry, the use of critical thinking skills, and the habits of the reflective practitioner;
7. Demonstrate the ability to incorporate appropriately the use of technology in instructional practices;
8. Possess the knowledge and skills to successfully plan, implement, and evaluate classroom differentiated instruction to effectively maximize students' learning potentials, including the use of instructional technology and literacy;
9. Demonstrate comprehensive knowledge and skills for effectively assessing all school children's learning in the classroom;
10. Conduct themselves at all times in a professional and ethical manner as students, classroom teachers and as school leaders, and will embrace the professional values and commitments according to the Connecticut Code of Professional Responsibility;
11. Possess classroom management skills that will assist students to take responsibility for their own behavior while maintaining a classroom that is conducive to learning;
12. Continually improve their professional growth through the practice of inquiry and reflection as a classroom teacher and leader.

Program Summary

Secondary Education students will become *dual majors*: they will major in Education AND they will major in a content area offered within the School of Arts and Sciences; students must select an academic major in arts and sciences in addition to completing their professional education courses. Students must select one of the following academic majors.

Secondary Education (grades 7-12) with Arts and Sciences Majors in:

Biology
Chemistry
Earth Science
English
History
Mathematics
Social Sciences
Spanish

Secondary Education Content Area courses—See specific content area program sheets listed in online undergraduate program sheets on the WCSU website.

For content area specific questions, students should contact one the following Arts & Sciences Department Chairs:

Biology

Mitch Wagener, Chair
wagenerm@wcsu.edu
Science Building 145, Midtown campus
(203) 837-9790

Chemistry

Paula Secondo, Co-chair
secondop@wcsu.edu
Science Building 339, Midtown campus
(203) 837-8795

Russell Selzer, Co-chair
selzerr@wcsu.edu
Science Building 334, Midtown Campus
(203) 837-8448

Earth Science (Physics, Astronomy, Meteorology)

Dennis Dawson, Chair
dawsond@wcsu.edu
Science Building 278, Midtown campus
(203) 837-8671

English

Michael Chappell, Chair
chappellm@wcsu.edu
Berkshire Hall 210D, Midtown campus
(203) 837-9366

History

Burton Peretti, Chair
perettib@wcsu.edu
Warner Hall 221, Midtown campus
(203) 837-8309

Mathematics

David Burns, Chair
burnsd@wcsu.edu
Higgins Hall 102F, Midtown campus
(203) 837-9346

Social Sciences

Oluwole Owoye, Co-chair
owoyeo@wcsu.edu
Warner Hall 204, Midtown campus
(203) 837-8456

Spanish (World Languages & Literature)

Alba Skar, Chair
skara@wcsu.edu
Berkshire Hall 215D, Midtown campus
(203) 837-8734

Exams: Required for Eligibility for State Teacher's Certification

In addition to all the coursework required by the Education Department as well as the content area major, the following two exams are required:

PRAXIS I

- Candidates must pass a Connecticut state mandated basic skills examination (PRAXIS I) in mathematics, reading and writing, or must obtain a waiver from the State Department of Education by presenting a combined score of 1,100 or more with no less than 450 on either the verbal or math subtest. If the SAT was administered prior to March 31, 1995, the candidate must present a combined score of 1,000 with at least a score of 400 on both the verbal and the math sections. It is the student's responsibility to apply for this waiver. (Students may present a passing score on a similar test for another state with which Connecticut has certification reciprocity agreements.) Information concerning the PRAXIS I exam and waiver information is available in the Office of the Dean of Professional Studies, Midtown campus, 123 White Hall, (203-837-8575) or in the Office of E&EP in Westside 249. Call (203) 837-8510. Go online to the Educational Testing Service for detailed information about PRAXIS I.

PRAXIS II

- Although not a graduation requirement, passing scores on appropriate PRAXIS II exams are necessary for program completion and subsequent recommendation for certification. The exam tests the essential subject area knowledge unique to each certification teaching area.
- *Secondary Education students must pass PRAXIS II before being admitted to the Professional Development Semester (PDS).*
- Students will not be recommended by WCSU for state teacher's certification until passing scores are received and filed with *the university's teacher education certification officer*, the Assistant Dean of the School of Professional Studies, who is located in White Hall 003C. Detailed information on PRAXIS II testing is available in the Office of E&EP in Westside 249. Additional information is available online from the Educational Testing Service.
- Once a student has completed all his/her bachelor's degree teacher certification requirements and passed PRAXIS II, the university's teacher certification officer will file with the Connecticut State Department of Education (CDE) the necessary documents for the student's receipt of CDE teacher certification.

Declaring an Education Major

At the end of the freshman year, students may apply to enter the Education Department. All freshman students who wish to become Education majors must demonstrate a cumulative grade point average (GPA) of 3.0 or higher (subject to change based on state mandates) upon completing 30 credits.

Students who fail to meet this GPA requirement will not be eligible to declare an Education major. Once accepted as Education majors, students must continue to maintain a cumulative GPA of 3.0 or higher (subject to change based on state mandates) in order to remain in the Education program. Admission into the professional development and student teaching semesters during the senior year is also contingent on the 3.0 GPA or higher standard (subject to change based on state mandates).

Criteria for Professional Teacher Education Program Acceptance

The Secondary Education program at WCSU is rigorous and not all candidates applying for professional program admission are accepted. Students seeking admission to WCSU's secondary teacher education certification programs must have completed and met the following criteria:

- Pass a Connecticut state mandated basic skills examination (PRAXIS I). (See the detailed requirements for this exam in a previous section.)
- Pass a Connecticut State Department of Education mandated subject area examination (PRAXIS II). (See the detailed requirements for this exam in a previous section.)

- Present at least a 3.0 cumulative average (*subject to change based on state mandates*) for undergraduate courses taken prior to professional program acceptance (approximately 90 credits and reflecting courses in progress). All work done both at WCSU and other colleges will be considered in the computation of the cumulative grade point average. *Note: Students with less than a cumulative 3.0 GPA (subject to change based on state mandates) will not be admitted to or retained in the program.*
- Complete the university's general education requirements (42 semester-hour minimum) in communication, humanities, social and behavioral sciences, natural sciences and mathematics/computer science, and exercise science, as well as complete a writing intensive course. Students should refer to their concentration area program sheet for a list of specific courses that meet individual degree program criteria.
- Complete the university's general education requirements (42 semester-hour minimum) in communication, humanities, social and behavioral sciences, natural sciences and mathematics/computer science, and exercise science, as well as complete a writing intensive course. *Students should refer to their concentration area program sheet for a list of specific courses that meet individual degree program criteria.*
- The courses below must be completed with a minimum grade of "B." If a student receives grades in these three courses that are lower than a "B," the student will be blocked from student teaching, with likely suspension and possible dismissal from the Education program.
 - HPX 215 Health Issues in the Schools (Grades PK-12)
 - ED 206 Introduction to Education
 - EPY 203 Child Development in the School [Note: Students who choose to fulfill the course requirements for EPY 203 Child Development in Schools by taking PSY 210 Child Psychology must complete the one credit, 15-hour school observation requirement by taking EPY 201.]

ADDITIONAL PROGRAM ACCEPTANCE CRITERIA

After all these criteria have been met, then students must fulfill these additional requirements:

- Prepare and present an essay demonstrating a command of the English language and explaining the reasons for enrolling in the teacher education program, emphasizing experience relevant to teaching.
- Present at least two letters of recommendation from persons outside the university who are able to testify to the candidate's suitability as a prospective teacher.
- Participate in an interview by a teacher education faculty team, which will assess candidate's personal attributes and perceived teaching dispositions.

Submission Deadline Dates Applying for Professional Program (Professional Developmental Semester-PDS) Acceptance

- Secondary education candidates may only apply in the spring semester of their junior year for the fall semester PDS.
- Students must have all of their materials submitted to content area advisor and/or Arts and Sciences Department Chair. It is the student's responsibility to insure that all materials are submitted by the deadline date of April 1. Once materials are received, students are contacted for an interview. Only complete files are reviewed for PDS.

Reapplication Process if Denied Program Acceptance

If the interview team from the professional program recommends that a student not be admitted to the teacher education program, the student may reapply for admission one semester after the notification of denial. Students have the right to review a copy of the completed interview form.

SUGGESTED COURSE SEQUENCE

The Secondary Education program is demanding, so it is important for students to adhere to the suggested course sequence in order to complete the program in four years. **Note that some of these courses have minimum grade requirements. (See courses with asterisks.)**

******These courses must be completed with minimum grade of "B."

Freshman Year

General Education and Content Area requirements — SEE CONTENT AREA PROGRAM SHEET FOR SPECIFIC DETAILS

Sophomore Year

******ED 206 Introduction to Education

General Education and Content Area requirements — SEE CONTENT AREA PROGRAM SHEET FOR SPECIFIC DETAILS

Junior Year

******EPY 204 Adolescent Development in School

******HPX 215 Health Issues in Schools

General Education and Content Area requirements — SEE CONTENT AREA PROGRAM SHEET FOR SPECIFIC DETAILS

Fall Semester of Senior Year (Professional Development Semester)**

ED/BIO/CHE/ENG/ES/HIS/MAT/SPA/SSS 385 Methods of Teaching in the Secondary Schools

ED/BIO/CHE/ENG/ES/HIS/MAT/SPA/SSS 386 Secondary Education Professional Development School Experience

****** EPY 405 Introduction To Special Education

****** ED 440 Integrating Language

****** ED/HIS/SS 441 Teaching History and Social Studies in Secondary Schools or

- ** ED/BIO/CHE/ES 442 Teaching Science in Secondary Schools or
- ** ED/ENG 447 Teaching English in Secondary Schools or
- ** ED/SPA 448 Teaching Spanish in Secondary Schools or
- ** ED/MAT 449 Teaching Mathematics in Secondary Schools

Spring Semester of Senior Year (Student Teaching Semester)

ED/MED 340 Assessment of Teaching Strategies

ED 342 Student Teaching for Secondary Education Majors—Pass/Fail Grade Only

Note: Field experience components require that students provide their own transportation to and from their assigned schools.

Student Teaching Process (see Student Teaching Handbook.)

- Students are not eligible for student teaching course work unless they have received professional program acceptance.
- During their last year, students enter the student teaching phase of the program. In order to register for student teaching, which is offered only during the spring semester, secondary education majors must present at least a 3.0 cumulative GPA (*subject to change due to state mandates*) for all courses taken in their academic and professional education course work. The student teaching requirement for secondary education majors consists of one full semester (70 contact days) of supervised teaching.
- Secondary Student Teaching (ED 342) is offered only in the spring semester. Applications must be approved by the Arts & Sciences content area advisor and the Chair of the E&EPY department.
- **Applications must be filed in the Office of E&EPY by November 1** (available in Education Office, WS 249)
- During the student teaching semester, students must concurrently register for ED 342 (Student Teaching) and ED 340 (Assessment of Teaching Strategies); students should not register for any other courses during the student teaching semester; students are also advised not to work during this semester due to the high time commitment required of planning lessons and grading student work after official school hours.
- Students are responsible for providing their own transportation to and from the school to which they are assigned for student teaching.

Student Teaching Grading Policy

Students earning less than a “P” grade in student teaching may be required to complete additional student teaching and/or course work before receiving a recommendation for graduation and certification.

Dismissal from Student Teaching or Professional Semester

On occasion, difficulties may arise during the PDS Clinical Experience or during the Student Teaching semester. In these instances, the Secondary Education Coordinator, PDS liaison, or Student Teacher Supervisor works with the student and other school or university stakeholders to resolve these situations.

Every effort is made to assess the situation quickly and to establish a plan of action. Based upon the specifics of the situation, the student may: (1) be reassigned to a different PDS or student teaching placement; (2) be removed from the clinical school experience by the Chair of the department. Students will be informed in writing of decisions regarding their status and may appeal these decisions to the Dean of the School of Professional Studies.

Superintendents, school district TEAM facilitators, cooperating teachers, principals, university supervisors and faculty members of the E&EPY department, in consultation with the appropriate arts and sciences, health education, or music education faculty members, reserve the right to remove a student teacher from any student teaching/clinical experience. (For specific details, see Student Teaching Handbook.)

See the Student Teaching Handbook for specific details.

Student Teacher Dismissal Appeal Process

The student teacher has the right to submit a written appeal within seven days of a notification of dismissal, to the Chair of the E&EP department, the coordinator of student teaching, and the university supervisor. The affected student also has the right — within two weeks of the hearing date — to appeal, in writing, his/her dismissal to the Dean of Professional Studies.

Dismissal from the Professional Teacher Education Program

Strict guidelines for admission to, and retention in, the teacher education certification programs are part of academic excellence. Students who fail to meet or maintain established admission and retention criteria will be suspended from the program. Students may be given one year according to the school’s academic calendar to retake a course and regain good standing for consideration of readmission with the exception of ethical issues, felonies and violations of the professional code. At the end of one year, students will be dismissed if their GPA has not met the 3.0 minimum standard (*subject to change based on state mandates*), which includes all WCSU and transfer credits.

- Dismissal from the Education department program by the E&EP department chair may occur when a student fails to maintain the academic standards of the university and department (see this catalog, “Good Standing: WCSU Student Handbook, “Student Rights and Responsibilities,” WCSU Student Teacher Handbook); and/or when a student in class or the field is considered inappropriate for the teaching profession, based on behavior which is not consistent with the standards of ethical conduct and professional behavior prescribed by the Connecticut Code of Professional Responsibility.
- In such cases, discussions take place among the student, faculty involved, and department chair. *The Chair has the authority to make final decisions.* Decisions reached are communicated in writing by the Chair to the student in a timely fashion.
- The student may appeal these decisions to the Dean of the School of Professional Studies or employ the university process for appeal. The university maintains guidelines for student rights and responsibilities and judicial procedures which can be

found in the WCSU Student Rights and Responsibilities Handbook. The department adheres to these guidelines in all such matters and may establish additional responsibilities based upon professional training criteria.

Professional Education Fees

- **TK 20.** Each student in the Education Program is required to obtain a Tk20 license. Tk20 is a comprehensive data management system used to collect, store, and analyze the results of selected assessments. These data are used to improve the degree and certificate programs in education and to provide evidence to external accrediting bodies that accreditation standards have been met. Information on obtaining this license is at <http://cthe.wcsu.edu> (see link in lower left hand corner). The license fee is \$103.
- **Fingerprinting and Background Check.** Effective July 1, 2010 the CT House Bill 6901 stipulates that local or regional boards of education must fingerprint individuals seeking placement in the district for the purpose of completing educator preparation requirements in nonpaid, noncertified positions (e.g., student teachers, interns, observations, etc). A criminal history background check is also required in accordance with chapter 166, sec 29-12a. Courses with clinical experiences that require proof of fingerprinting and background check include: ED 206, EPY 204, ED 342. Contact the Regional Education Service Center, *Education Connection*, at (203)791-1904 or (860)567-0863. There is a fingerprinting/background check fee payable to *Education Connection*.

HEALTH PROMOTION AND EXERCISE SCIENCES

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T. Blood	R. Burkhart	A. Heron
J. DeBenedetto	J. Dreyer	K. Martel
E. Hollenbeck	E. Littrell	S. Russell

Overview

There are two distinct degree programs within the health promotion and exercise sciences area: one leading to a bachelor of science degree and teaching certification as a school health educator, and one leading to a bachelor of science degree as a health promotion studies educator, with options in community health and wellness management. Following completion of a Bachelor of Science in Health Education or Bachelor of Science in Health Promotion Studies, students will be prepared to sit for the national CHES examination (Certified Health Education Specialist, the credential for health educators). Examination sites are located throughout the United States.

Mission

The health promotion and exercise sciences department strives to educate all WCSU students about the importance of making healthy lifestyle choices which encourages life-long, optimal health and well-being. The students in our degree programs are additionally prepared for entry-level, certified health education specialist (CHES) positions in schools and in a wide variety of private and public settings (i.e. corporations, hospitals, community organizations and other multi-public service organizations).

In addition to a liberal arts core of courses, students must successfully complete health content courses and teaching methodology, including the use of technology, in order to achieve professional competence as identified by standards set by national credentialing organizations. The focus of studying health promotion and exercise science is to educate students on the importance of a physically active lifestyle, wellness, fitness, healthy leisure time activities, health promotion, health protection and preventive services in schools and the larger global community.

It is the goal of the health promotion and exercise sciences department to be known as the undergraduate program of choice in the region to prepare for careers in school health education and fitness/leisure activities.

The department also strives to be recognized for its scholarship and to provide programs which utilize a holistic, integrated and multidisciplinary approach. Our programs link the education of the mind with opportunities to apply newly learned skills in experiential, cooperative and internship experiences. The multidisciplinary academic program includes courses in health promotion and wellness, psychology, safety and health protection, total fitness, knowledge of and opportunities for healthy leisure activities, nutrition, biology, education, social welfare and politics, and related areas.

As such, this holistic approach to healthy living does not focus on illness or specific parts of the body or one facet of community life. It emphasizes the connection and interdependency of the components of individual and community health. These components include environmental, political and economic aspects of health, as well as the physical, social, emotional, mental and spiritual elements of well-being.

Program Objectives

The curriculum is driven by competency-based objectives derived from ongoing internal and external program evaluations. Our

graduates' performances in pre-professional activities and worksite placements with schools, public and private health agencies, fitness centers and corporations assist in the realization of the department's mission. We strive to meet the educational needs of a diversified student body so that our majors will be prepared to address health education in a global society.

DEGREES AND PROGRAMS

B.S. Health Education (PK-12)

B.S. Health Promotion Studies

Options:

Community Health

Wellness Management

BACHELOR OF SCIENCE IN HEALTH EDUCATION

Program Goals

1. Prepare students with the proficiencies to become life-long learners, provide the skill needed to contribute to a healthy lifestyle, and improve quality of life for themselves and the students they educate.
2. Provide a comprehensive and multidisciplinary academic curriculum that prepares graduates for careers in a variety of health education fields.
3. Prepare students to meet the standards set by state and national credentialing organizations for health educators.
4. Provide a comprehensive approach to health and fitness education emphasizing the connection and interdependency of individuals, school, family and community.

Requirements

Certification Program for PK-12

The teacher education programs at Western are rigorous and not all candidates applying for professional program admission are accepted. While students may gain acceptance to the university, those interested in obtaining state teacher's certification (elementary, secondary, music, and health education) must file a separate application for professional program acceptance usually during the second semester of their junior year.

Self-declared health Education majors must maintain a GPA of 2.67 or higher upon the completion of 60 credits of course work in order to remain a self-declared education major. Students who fail to meet this requirement will be contacted by the Dean of the School of Professional Studies. Students must achieve a GPA of 2.8 or higher in order to be accepted into all professional education programs as candidates for teacher certification.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Application And Submission Process For Professional Program Acceptance

Applications for professional program acceptance can be obtained at the department of Health Promotion and Exercise Sciences (BR 230). Before the process of screening for professional program acceptance, applications must be filed with the school health coordinator of the Health Promotion and Exercise Sciences department.

Criteria For Professional Program Acceptance

Students seeking admission to any of Western's teacher education certification programs must have completed and met the following criteria. The following deadline dates must be met for students applying for professional teacher education program acceptance. The deadline date for fall semester admittance into a Professional Teacher Education Program is 12 noon on April 1. You must have all of your materials submitted to the Health Education program coordinator by the deadline date. After your materials have been submitted and reviewed, you will be contacted for an interview with faculty.

Candidates must:

1. Pass a Connecticut state mandated basic skills examination (PRAXIS I) in mathematics, reading and writing, or must obtain a waiver from the State Department of Education by presenting a combined score of 1100 or more with no less than 450 on either the verbal or math subtest. If the SAT was administered prior to March 31, 1995, the candidate must present a combined score of 1,000 with at least a score of 400 on both the verbal and the math sections. It is the student's responsibility to apply for this waiver. (Students may present a passing score on a similar test for another state with which Connecticut has certification reciprocity agreements.) Information concerning the PRAXIS I exam and waiver information is available in the Office of the Dean of Professional Studies, Midtown campus, 123 White Hall, (203-837-8575) or in the Education Office, Westside campus, Classroom Building 249 (203-837-8510).
2. Present at least a 2.8 cumulative GPA for undergraduate courses taken prior to professional program acceptance (approximately 90 credits and reflecting courses in progress). Note: The 2.8 cumulative GPA requirements is effective for all students, including any change of majors. All work done both at Western and other colleges will be considered in the computation of the cumulative grade point average. Note: Students with less than a cumulative 2.8 grade point average will not be admitted to or retained in the program.
3. Completed the university's general education requirements (42 semester-hour minimum) in communication, humanities, social and behavioral sciences, natural sciences and mathematics/computer science, and exercise science, as well as completed a writing-intensive course.

4. Complete with a minimum grade of "B" the following education courses:
ED 206 Introduction to Education
HPX 215 Health Issues in the Schools (Grades PK-12)
EPY 204 Adolescent Development in School Setting
5. Prepare and present an essay demonstrating a command of the English language identifying reasons for wanting to enroll, emphasizing experience relevant to teaching health.
6. Present at least two letters of recommendation from persons outside the university who are able to testify to the candidate's suitability as a prospective health teacher.
7. Participate in an interview with health education faculty members who will assess personal attributes that suggest potential performance as a teacher.

Note: Students may not register for the following courses until they have been formally admitted to the health education program: HPX 311, HPX 386, HPX 460, HPX 464, ED 340, ED 440, EPY 405.

To graduate, students must complete all general education requirements, the courses and credits listed below and free electives to total a minimum of 125 semester hours, including HPX physical activity requirement.

PSY 100 Introduction to Psychology*
SOC 100 Introduction to Sociology*
BIO 105, 106 Anatomy and Physiology I & II*
COM 161 Decision Making in Groups*
ENG or WRT Writing Intensive Course (W)*
HIS 148 American History to 1877* *or* HIS 149 American History since 1877*
EPY 204 Adolescent Development in School**
ED 206 Introduction to Education**
ED 340 Assessment of Teaching Strategies*
ED 440 Integrating Language
EPY 405 Introduction to Special Education*
HPX 100 Health Promotion and Maintenance
HPX 160 First Aid & Safety
HPX 177 Fitness for Life
HPX 205 Nutrition and Health
HPX 215 Health Issues in the Schools**
HPX 230 Drug Studies
HPX 253 Concepts of Disease
HPX 271 Health Education Programs in the Community*
HPX 311 School Health Programs*
HPX 352 Mental Health
HPX 355 Human Sexuality
HPX 371 Health Communication Methods and Strategies*
HPX 386 Health Education Professional Development School Experience
HPX 460 Health Education Student Teaching Seminar*
HPX 464 Student Teaching

Required Course Sequence

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
BIO 105* (fall only)	BIO 106* (spring only)
HPX 100	HPX 160
SOC 100*	HPX 177
PSY 100*	HIS 148* <i>or</i> 149*
COM 161*	MAT or CS
	General Education Requirement

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
CHE 102	Writing Intensive Course*
ED 206** (Prereq. PSY 100)	HPX 271* (spring only)
EPY 204**	HPX 205*
HPX 230 (fall only)	HPX 215**
HPX 253 (fall only)	General Education Requirement

Junior Year

Note: Students must make official application for Senior-year status by April 1 in their Junior year.

<i>Fall Semester</i>	<i>Spring Semester</i>
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HPX 371* (fall only)	HPX 352 (spring only)
HPX 355 (fall only)	General Education Requirement(s)
General Education Requirement	Free Elective Course(s)
Free Elective Course(s)	

Senior Year

<i>Fall Semester (Professional Semester)</i>	<i>Spring Semester</i>
HPX 311*	ED 340*
HPX 386 (Professional Semester Lab)	HPX 460*
HPX 160	HPX 464
EPY 405** (Prereq. EPY 204)	
ED 440**	
Free Elective Course	

Total 125 Semester Hours

* Minimum of "C" grade required.

** Minimum of "B" grade required.

2.8 QPA for a B.S. Degree

In order to register for student teaching, Health Education majors must present at least a 2.8 overall GPA. Students are advised not to register for other courses, except for ED 340, HPX 460 and HPX 464, or be working in other jobs during this semester. A student teaching application (available at the Education Office), approved by the appropriate Health Education advisor, must be filed with the Chairperson of the Education department during the semester just prior to the student teaching semester. The student teaching requirement for Health Education majors consists of one semester. Students are responsible for providing their own transportation to and from their assigned schools.

Students earning other than a "P" grade in student teaching may be required to complete additional student teaching and/or course work before receiving a recommendation for graduation and certification. Students must have at least a 2.8 cumulative GPA in all courses to graduate as a Health Education major.

To complete the Health Education degree program, the student must pass the Health PRAXIS II examination. The PRAXIS II exam tests health subject area knowledge. The Initial Educator Certificate will be issued by the State of Connecticut upon completion of program requirements and the passing of PRAXIS II (0550). All CONTENT exams are being offered by the Educational Testing Service (ETS). ETS utilizes the national teacher examination (PRAXIS) specialty area tests for CONTENT requirements. Additionally, students are encouraged to sit for the national CHES exam.

LEARNING OUTCOMES

Graduates of the B.S. Health Education (PK-12) Certification Program will be prepared to demonstrate the following outcomes:

1. Apply health content knowledge as competent health educators.
2. Assess individual and community needs for health education.
3. Plan effective health education programs.
4. Implement health education programs.
5. Evaluate effectiveness of health education programs.
6. Coordinate provisions of health education services.
7. Act as a resource person in health education.
8. Communicate health and health education needs, concerns, and resources (#2-8 responsibilities and competencies for school health educators have been established, as seen in The National Commission for Health Education Credentialing, Inc.

BACHELOR OF SCIENCE IN HEALTH PROMOTION STUDIES (B.S.)

Program Goals

1. Prepare its students with the proficiencies to become life-long learners, and provide the skills needed to contribute to a healthy lifestyle, and improved quality of life for themselves and the people they educate.
2. Provide a comprehensive and multidisciplinary academic curriculum that prepares its graduates for careers in a variety of health and fitness educational fields.
3. Prepare students to meet the standards set by state and national credentialing organizations for health fitness educators.
4. Provide a comprehensive approach to health and fitness education emphasizing the connection and interdependency of individuals, careers, family and community.

Requirements

Completion of all general education requirements, the Health Promotion Studies core and option course work, and free electives, a minimum of 125 semester hours. Overall GPA minimum of 2.0; 2.5 in HPX major classes.

Health Promotion Studies Core Course Work

BIO 105 Anatomy & Physiology I
BIO 106 Anatomy & Physiology II
PSY 260 Health Psychology
HPX 100 Health Promotion & Maintenance
HPX 200 Intro. to Community Health & Organizations
HPX 270 Health Ed. Theory & Application
HPX 370 Health Promotion Program Design & Implementation
HPX 371 Health Communication Methods & Strategies
HPX 470 Health Promotion Program Evaluation
HPX 490 Practicum for Health Promotion Studies*
HPX 491 Health Promotion Studies Senior Seminar*

Community Health Option Course Work

HPX 202 Epidemiology of Disease
HPX 353 Environment & Global Health
Nine HPX Elective Credits

Wellness Management Option Course Work

HPX 205 Nutrition & Health
HPX 207 Nutrition & Health Laboratory
HPX 254 Fitness Seminar & Laboratory
HPX 281 Principles of Wellness
HPX 380 Worksite Health
MKT 301 Principles of Marketing

Recommended Course Sequence for the Community Health Option:

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
HIS 101	CHE 102
SOC 100	HPX 177
COM 162	HPX 100*
PHI 111	PSY 100
General Education elective	Writing Intensive course (W)

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
HPX 200	HPX 270
HPX 202	HPX 353
SW 220	BIO 106 (spring only)
BIO 105 (fall only)	MAT 115 or 120
General Education elective	HPX elective

Junior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
HPX 370	HPX 470
HPX 371	HPX 353
PSY 260	HPX 160
HPX Elective	HPX elective
General Education elective	Free elective

Senior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
HPX 490	Electives
HPX 491	

Recommended Course Sequence for the Wellness Management Option:

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
SOC 100	PSY 100

HIS 101	HPX 177
PHI 111	CHE 102
COM 162	HPX 100*
General Education elective	Writing Intensive course (W)

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
HPX 200*	HPX 205
SW 220	HPX 207
PSY 260	HPX 254
MAT 115 or 120	HPX 270*
BIO 105 (fall only)*	HPX 281
	BIO 106 (spring only)*

Junior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
HPX 370*	HPX 470*
HPX 371*	PSY 218
MKT 301	HPX 380
Elective	HPX 160
Elective	Elective

Senior Year

<i>Fall Semester</i>	<i>Spring Semester</i>
HPX 490	Electives
HPX 491	
Elective	

* Must be completed prior to HPX 490 and 491.

LEARNING OUTCOMES

Graduates of the B.S. Health Promotion Studies program will be prepared to demonstrate the following outcomes:

1. Knowledge of core concepts of community health, global health, epidemiology, nutrition and physical fitness necessary for entry level health promotion practitioners.
2. Proficiency in applying knowledge and skills of health promotion studies, including program planning, implementation and evaluation.

GENERAL EDUCATION PHYSICAL ACTIVITY REQUIREMENT – 2 SH

This requirement is fulfilled by taking HPX 177 Fitness for Life, a combination of one 1.0 credit lecture class and one 1.0 credit activity class. The lecture and activity classes must be taken during the same semester and both classes have to be passed in order to receive any credit. Refer to physical activity courses (under course descriptions at the back of this catalog) for a list of activity courses available.

Splitting the course is possible and available to students who transfer in partial activity credit or for Western students fulfilling varsity team requirements. Western students fulfilling varsity team requirements shall receive 0.5 semester hours of physical activity credit but only a maximum of one credit is acceptable for general education activity credit. Because of the physical demands of activity courses offered at Western, students are strongly urged to have a physical examination before registering for these courses. Since part-time students are not covered by university accident insurance, part-time students are strongly urged to carry accident insurance.

AGENCIES USED FOR HEALTH PROMOTION & EXERCISE SCIENCES FIELD PLACEMENTS

Regional

Abilities Beyond Disabilities, Brookfield
 AIDS Project, Danbury
 Alternative Incarceration Center, Danbury
 American Cancer Society, Wilton
 American Red Cross, Danbury
 American Red Cross, Waterbury
 Avery Heights, Hartford
 Bethel Health Dept., Bethel
 Boehringer Ingelheim, Fairfield
 Boys and Girls Club of Ridgefield
 Brewster Athletic Club, Brewster, NY

Birth Partners Labor Assistants, Naugatuck
 Cardinal Hayes Home for Children, Millbrook, NY
 Connecticut Holistic Health Association (CHHA), West Hartford
 Connecticut State Dept. of Health
 Danbury Children First Initiative, Danbury
 Danbury Health Care Affiliates, DHCA, Danbury
 Danbury Hospital, Danbury
 Danbury Dept. of Health and Housing, Danbury
 Danbury School System, Danbury
 Danbury High School, Roberts Avenue School, Hayestown Avenue School, Danbury
 Danbury Senior Center, Danbury
 Danbury Youth Services, Danbury
 Danbury Visiting Nurses Assoc., Danbury
 Dorothy Day Soup Kitchen, Danbury
 Duracell Fitness Center, Bethel
 Dow Chemical Corporation, Fitness Center
 Devereux Glenhome School, Washington, CT
 Even Start, Danbury
 Filosa Nursing Home, Danbury
 Girl Scouts of Southwest Connecticut
 Green Chimneys School, Brewster, NY
 Good Friends, Danbury
 Habitat for Humanity
 Hancock Hall, Danbury
 Harambee Center, Danbury
 Heal the Children, New Milford
 Healing Hearts (Danbury Hospice)
 HealthQuest, Danbury
 Health South, Danbury
 Hispanos Unidos Contra El Sida, New Haven
 Human Resource Development Agency, Naugatuck
 ICES, Waterbury
 Interfaith AIDS Ministry of Danbury, Danbury
 Just for Women, Waterbury
 Laurel Ridge Nursing Home, Ridgefield
 MasterCard Pro-Fit Center, Purchase, NY
 National Organization of Rare Disorders (NORD), New Fairfield
 New Fairfield H.S., New Fairfield
 New Milford H.S., New Milford
 New Milford Senior Center, New Milford
 Newtown Youth Services, Newtown
 Northwest CT AIDS Project, Torrington
 Pepsi Bottling Group, Armonk, N.Y.
 Planned Parenthood, Danbury and New Haven
 Pitney Bowes Corporate Fitness Center, Danbury
 Region #15, Pomperaug High School, Southbury
 Ridgefield Boys and Girls Club, Ridgefield
 Rockland County Dept. of Health, New City, NY
 Regional Hospice of Western Connecticut, Danbury
 Salvation Army, Danbury
 St. Mary's Hospital, Waterbury
 Sun Family Outreach Program, Meriden
 The Nat'l Institute of Ayurvedic Medicine, Brewster, NY
 Town of Kent, Environmental Protection, Kent
 United Way of Western Connecticut, Danbury
 Visiting Nurses of Oxford
 War Memorial, Danbury
 Waterbury Health Dept., Waterbury
 Western Connecticut Senior Exercise Program, Danbury
 Western Connecticut State University, ChildCare Center, Danbury
 Western Connecticut State University, CHOICES, Danbury
 Western Connecticut State University, Housing & Residence Life, Danbury
 Western Connecticut State University, V-DAY Project, Danbury
 Until Violence Stops, Danbury
 Women's Center, Danbury
 Women, Infant and Children (WIC), Danbury
 Youth Action Programs & Homes, Inc., NY
 YMCA, Waterbury

National

Health Fitness Corporation, Minneapolis, MN
 MediFit, Florsham Park, NJ

NURSING

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J. Palladino	B. Piscopo	M.A. Riley
M. Sousa	K. Thelian	L. Warren

Mission

The Department of Nursing strives to provide a nursing education that is aimed at preparing beginning and advanced practice nurses to meet the ever-changing health care needs of Connecticut and the surrounding region. This is achieved through:

- A dynamic curriculum that is responsive to students and community needs;
- Clinical competence, scholarship and research;
- Service to the university, the public and the profession;
- Accommodation of diverse values and interests;
- A commitment to a caring culture.

Program Information

The program is accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW Suite 530, Washington, DC 20036-1120. (202) 887-6791. Fax: (202) 887-8476.
www.aacn.nche.edu/accreditation

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Requirements for the Bachelor of Science in Nursing

Completion of all general education requirements, including exercise science, and requirements in nursing and foundational sciences specified in the program outlined below, to total a minimum of 125 semester hours.

All courses identified in the following eight-semester sequence are requirements in this major. Completion of the program within four academic years requires that the biology and chemistry courses be completed in the semesters shown. The remaining credits to meet general education requirements and additional free electives for a minimum of 125 SH, including exercise science, may be scheduled at the student's discretion with approval of the departmental adviser.

First Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
BIO 105	4 SH	BIO 106	4 SH
CHE 120	4 SH	CHE 121	4 SH
SOC 100	3 SH	PSY 100	3 SH
COM 162	3 SH	Writing Intensive course	3 SH
Elective	3 SH	Gen Ed	3 SH
Total Credits	17 SH	Total Credits	17 SH

Sophomore Year

<i>Fall Semester</i>	<i>Spring Semester</i>
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NUR 201	4 SH	NUR 225	2 SH
NUR 205	4 SH	NUR 235	5 SH
BIO 215	4 SH	NUR 300	4 SH
HPX 205	2 SH	MAT 115 or 120	3 SH
Gen Ed	3 SH	HPX 177	2 SH
Nursing elective			
– NUR 105	1 SH		
Total Credits	17 SH	Total Credits	16 SH

Junior Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
NUR 255	6 SH	NUR 335	8 SH
NUR 361	2 SH	NUR 374	2 SH
Gen Ed	3 SH	Gen Ed	3 SH
Gen Ed	3 SH	Elective	3 SH
Total Credits	14 SH	Total Credits	16 SH

Senior Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
NUR 325	7 SH	NUR 375	5 SH
NUR 327	6 SH	Gen Ed	3 SH
Gen Ed	3 SH	Elective	3 SH
Elective	1 SH	Elective	3 SH
Total Credits	17 SH	Total Credits	14 SH

BACHELOR OF SCIENCE (B.S.)

Admission, Retention and Graduation Requirements

Admission

1. All nursing applicants must have successfully completed college preparatory classes in chemistry and biology in high school, or their equivalents in a post-secondary institution.
2. Applicants interested in Nursing are admitted as pre-nursing students by the Admissions Office.
3. All students must be admitted to the university prior to applying for admission to the nursing major. Admission to the Nursing major is competitive and is by application to the Department of Nursing. The applicant pool is not limited to pre-nursing students. The decision to admit an applicant to the Nursing major is made by the Department of Nursing. Students will be admitted on a space-available basis.

The process of application to the Nursing major is as follows:

- a. Applicants must obtain an application form from the Department of Nursing.
 - b. The completed application must be received by the Department of Nursing by the first Monday in February for the applicant to be considered for enrollment in the Nursing major in the forthcoming fall semester. Incomplete or late applications will not be reviewed by the Department of Nursing.
 - c. Applicants must have a minimum cumulative GPA of 3.0.
 - d. Applicants must have successfully completed the following courses:
 - i. Writing Intensive Course (W) or COM 162
 - ii PSY 100 or SOC 100
 - iii. BIO 105 or equivalent with a grade of “C” or better
 - iv. CHE 120 or equivalent with a grade of “C” or better
 - v. MAT 100 Intermediate Mathematics or equivalent test score
 - e. Once accepted into the nursing program, applicants must complete BIO 106 or equivalent and CHE 121 or equivalent (both with a minimum grade of “C”) and any remaining prerequisite courses (a writing-intensive course {W}, COM 162, PSY 100 or SOC 100) by the semester (spring) in which they are accepted, and must maintain a minimum cumulative GPA of 2.50.
 - f. Students will be notified in April of the admissions decision by the Department of Nursing. Students who meet the above criteria will be admitted on a space-available basis.
4. Applicants to the Nursing major will be held to the program requirements in effect at the time of acceptance into the major.
 5. Transfer students and Western students wishing to change their major to Nursing must apply to the department for admission to

the Nursing major and must meet the same requirements as pre-nursing students.

Retention

1. In order to remain in the Nursing program, students must earn at least a “C” grade in all courses with a NUR 200 or NUR 300 designation and BIO 215.
2. In order to remain in the Nursing program, nursing students must fulfill academic requirements and must also show evidence of meeting the behavioral objectives (cognitive, psychomotor and affective) of preparation for professional nursing as described and distributed in each nursing course with a NUR 200 and NUR 300 designation.
3. A student who receives a grade of “C-” or lower in a NUR 200 or NUR 300 level Nursing course, whose cumulative grade point average has dropped below 2.50, who has withdrawn from a NUR 200 or NUR 300 level nursing course, who has taken a leave of absence from the Nursing program, or who has withdrawn from the Nursing program must apply for readmission to the Nursing program. The student may be readmitted to the program provided that, in the judgment of the Nursing faculty, the student meets the criteria for readmission.
4. Any student who receives more than one course grade below “C” in any of the NUR courses will not be readmitted to the Nursing program.
5. Students who demonstrate an unsafe level of patient care will not be permitted to continue in the clinical area.
6. Under provisions of Public Act 86-365, students whose ability to function is impaired or who have engaged in unethical or illegal acts, or whose behavior does not conform to accepted standards of the Nursing profession may jeopardize their eligibility for obtaining or retaining professional nurse licensure in the State of Connecticut. (A copy of the act with explanatory material is available for review in the department office.) Such conduct or behavior may also be grounds for disciplinary action, including suspension or dismissal from the program, by the Nursing faculty or departmental administrator.

Graduation

1. The student must have earned a minimum cumulative grade point average of 2.5 based on at least 125 credits earned.
2. The student must have at least a “C” grade in all 200- and 300-level Nursing courses.
3. The student must have sustained evidence of academic and behavioral characteristics acceptable for professional nursing as set forth in the philosophy and objectives of the Department of Nursing.

LEARNING OUTCOMES

1. Synthesize knowledge from the arts, sciences, and humanities with nursing theory as the basis for making nursing practice decisions.
2. Exercise critical thinking in using the nursing process to assess, diagnose, plan, implement, and evaluate the care provided to individuals, families and communities.
3. Apply the nursing process to design, implement, and evaluate therapeutic nursing interventions to provide preventive, curative, supportive, and restorative care for individuals, families, and communities in both structured and unstructured settings, using a variety of techniques.
4. Use a variety of communication techniques, including written documentation, in the process of assessment, counseling, and therapeutic interventions with individual clients, families, groups and communities.
5. Develop and implement a variety of teaching-learning strategies in the provision of health teaching for individuals, families, and groups in a variety of settings.
6. Use the process of scientific inquiry and research findings to improve nursing care delivery.
7. Manage information, human resources, and material resources to achieve optimum client outcomes in a cost-effective manner.
8. Use leadership, management, and collaborative skills as a member of a multi-disciplinary team within the health care delivery system to develop, implement, and evaluate health care provided to clients.
9. Exercise independent judgment and ethical decision-making, and act as an advocate for consumers of health care services.
10. Demonstrate accountability in learning and in nursing actions, based on accepted standards of nursing care and in accordance of professional nursing practice.

Professional Nurse Licensure

Upon successful completion of the program, graduates are eligible to apply to the State Board of Examiners for Nursing in Connecticut, or in any other state of their choice, for examination for Professional Nurse licensure. Each state board may have additional criteria for eligibility according to the laws of the state. In Connecticut, the limitations to eligibility for licensure are delineated in Public Act 86-365. A copy of this act is available for review in the department office.

Health Policies and Other Requirements

Because of the nature of the clinical experiences and regulations of various clinical agencies utilized in the nursing program, all Nursing students are required to adhere to departmental policies in addition to the immunizations required of all university students. This information may be obtained directly from the department.

In addition to the above stated health requirements, students must meet any additional requirements identified by a clinical affiliating agency, including a criminal background check.

If a student's physical or emotional health status is deemed unsafe for clinical laboratory experiences by the Nursing faculty, the student may not attend clinical laboratories. Appropriate clearance may be required prior to the student returning to the clinical

laboratory.

Additional Requirements

Students are required to furnish their own uniforms and to provide their own transportation to clinical facilities. Students may also be required to purchase their own Student Malpractice Liability Insurance when assigned to clinical areas.

All students must be certified in cardiopulmonary resuscitation (CPR) prior to entering sophomore year, and must maintain current certification to be eligible to attend clinical experience. In addition to liability protection under the Statutes of Connecticut [Chapter 170, Section 10-235(a)], the university carries professional liability insurance coverage for Nursing students.

Western at Waterbury

The Nursing Department also offers courses for the RN-BS degree completion program at Western's Waterbury program located on the grounds of Naugatuck Valley Community College in Waterbury. This program is available only to students who hold a current RN license. A current RN license is required from the state in which clinical affiliations are scheduled.

Some courses offered at Waterbury are also open to students taking classes at Danbury. For more information on this program, contact WCSU at Waterbury, Founders Hall 129, (203) 596-8777.

Registered nurse graduates of associate degree and hospital diploma nursing programs who hold a current RN license in Connecticut or another state are encouraged to apply to this program. A current RN license is required from the state in which clinical affiliations are scheduled. These students must complete all college and department course requirements satisfactorily to be eligible for the B.S. degree with a major in Nursing. Western Connecticut State University is a participant in the Connecticut Articulation Model for Nurse Educational Mobility.

SOCIAL WORK

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R. Steinberg	I. Velazquez	

Overview

The Department of Social Work provides a competency-based generalist baccalaureate social work education which meets or exceeds the Council on Social Work Education (CSWE) Standards of Accreditation and whose curriculum is in keeping with CSWE's educational policy and standards. The degree awarded by Western Connecticut State University (WCSU) is a Bachelor of Arts in Social Work, recognized nationally as a BSW (bachelor degree in social work, accredited).

Graduates and students may be eligible for advanced standing in graduate schools for a master's degree in social work, and students may be eligible for student membership in the National Association of Social Workers (NASW), and nomination to Phi Alpha Honor Society.

Mission

The Mission of the Department of Social Work is to prepare competent and effective generalist social work professionals to practice in a manner consistent with the purposes and values of the profession, to enhance human and community well being, and to value the dignity and worth of all persons. Based on the knowledge, values, and skills of the profession, the department provides students with significant opportunities to connect with faculty, students, and community, and exposes students to a world view that leads to a commitment to service, human rights, and social and economic justice. The department strives to serve as an accessible, responsive and creative intellectual resource for the people and institutions of Connecticut.

Goals

To prepare students:

- to be competent and effective generalist entry-level social work professionals
- to develop a professional identity grounded in social work values
- to understand and value human relationships
- for professional practice with a commitment to social work values and with integrity
- to use conceptual frameworks and scientific inquiry to guide practice
- to advance human rights and social and economic justice through proactive civil engagement in a diverse world
- to promote positive changes in service delivery
- to become leaders in developing and delivering human services
- for advanced study.

Admission Requirements

Any student admitted to WCSU may declare social work as a major and enroll in social work 200-level courses, as long as course prerequisites are met. Social work majors must earn at least a "C+" in all designated major courses to have the course credit apply to the degree program.

In order for social work majors to be admitted to Junior and Senior-level courses, additional academic requirements must be met (see the section, "Social Work Program Requirements"). Students must apply for junior and senior program status following a group advisement session (for potential Juniors in late fall preceding the registration period for spring semester; for potential Seniors in spring semester of the junior year).

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

BACHELOR OF ARTS IN SOCIAL WORK (B.A.)

Requirements

A Bachelor of Arts in Social Work is comprised of general education requirements and specific major requirements (pre-practice and practice courses). The required curriculum plan is:

Specified General Education Courses:

Writing Intensive course (W)

COM 160, 161, 162, or 163

PSY 100

A PSY 200 level (see list under sophomore year)

ANT 100

ECO 100 or 207

MAT 110 or 120

BIO 100 or BIO 132

Foreign Language Requirement

Pre-practice Courses:

SOC 100 Introduction to Sociology

PS 102 American Government

SW 200 Introduction to Social Work & Social Welfare Services

SW 210 Social Welfare as an Institution

SW 215 Human Behavior & Social Environment

SW 220 Cultural Diversity

SW 300 Social Work Research

Practice Courses:

SW 305 Social Work Junior Field Practicum

SW 306 Junior Seminar

SW 309 Social Work Practice I

SW 310 Social Work Practice II

SW 311 Social Work Practice III

SW 315 Community Organizing Project I

SW 316 Community Organizing Project II

SW 320 Social Work Senior Field Practicum & Seminar

SW 321 Social Work Senior Field Practicum & Seminar

SW 325 Senior Seminar on Social Policies & Issues

SW 350 Senior Integrative Seminar

The suggested course sequence is outlined below. General education requirements should be taken during the freshman year and sophomore year. Social work pre-practice courses should be taken in the recommended sequence. Some have specified prerequisites; please see course listings. Social work practice courses and the field components must be taken in the sequence specified.

Freshman Year

Fall Semester

PSY 100 Introduction to Psychology

SOC 100 Introduction to Sociology

Foreign Language I

Spring Semester

COM 160, 161, 162, or 163

ANT 100 Introduction to Cultural Anthropology

Writing Intensive course (W)

Foreign Language II

Sophomore Year

Fall Semester

SW 200 Introduction to Social Work & Social Welfare Services

*Select one of the 200 level PSY courses listed below:

*PSY 210 Child Psychology *or*

*PSY 202 Abnormal Psychology *or*

*PSY 211 Adolescent Psychology *or*

*PSY 215 Psychology of Personality *or*

*PSY 222 The Adult Years

BIO 100 Concepts of Biology *or* BIO 132 Human Biology

Spring Semester

PS 102 American Government

ECO 100 Principles of Macroeconomics

or

ECO 207 Contemporary Domestic Economic Issues

SW 210 Social Welfare as an Institution

Complete university math requirement

Junior Year

Fall Semester

SW 215 Human Behavior & the Social Environment

MAT 120 Elementary Statistics

or

MAT 110 Great Ideas in Mathematics

SW 220 Cultural Diversity

Spring Semester

SW 300 Social Work Research

SW 305 Social Work Field Practicum

SW 306 Junior Seminar

SW 309 Social Work Practice I

SW 305, 306, and 309 must be taken concurrently. They are offered in the spring semester.

Senior Year

Fall Semester

SW 310 Social Work Practice II

SW 315 Community Organizing Project I

SW 320 Social Work Senior Field Practicum & Seminar

SW 325 Senior Seminar on Policy and Issues

SW 310, 315, and 320 must be taken concurrently.

They are offered in the fall semester.

Spring Semester

SW 311 Social Work Practice III

SW 316 Community Organizing Project II

SW 321 Social Work Senior Field Practicum & Seminar

SW 350 Senior Integrative Seminar

SW 311, 316 and 321 must be taken concurrently. They are offered in the spring semester. SW 350 is taken in the final semester of the major.

Note: Students must provide their own transportation to field facilities during field practicums (SW 200, SW 305, SW 320, SW 321).

LEARNING OUTCOMES

Social Work students' competency-based learning outcomes are measured across ten competency areas as specified by the Council on Social Work Education (CSWE) Standards of Accreditation and Educational Policy Standards (EPAS). A detailed description of EPAS and results of the annual assessment of students' learning outcomes are available at www.wcsu.edu/sw and at www.wcsu.edu/se/assessment.asp

Competency 1—Identify as a professional social worker and conduct oneself

Competency 2—Apply social work ethical principles to guide professional practice.

Competency 3—Apply critical thinking to inform and communicate professional judgments.

Competency 4—Engage diversity and difference in practice.

Competency 5—Advance human rights and social and economic justice.

Competency 6—Engage in research-informed practice and practice-informed research.

Competency 7—Apply knowledge of human behavior and the social environment.

Competency 8—Engage in policy practice to advance social and economic well-being and to deliver effective social work services.

Competency 9—Respond to contexts that shape practice.

Competency 10(a)–(d)—Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Social Work Program Requirements

1. A student must have earned at least a “C+” in courses which fulfill the 53 semester hours of major requirements as well as PSY 100, and at least a “C” grade in these required general education courses: writing-intensive course (W); COM 160, 161, 162, or 163; PSY 202, 210, 211, 215, or 222.

2. A student who receives a grade lower than a “C+” or “C” in any one of the courses detailed in item 1 above prior to admission to junior year standing may retake the course ONCE and seek admission, providing, in the judgment of the Social Work faculty, that the student meets all other criteria for admission.

3. A student who receives a grade lower than a “C+” or a “C” in any one of the courses detailed in item 1 above prior to admission to the senior year may retake the course ONCE, and has to do so during the spring semester or summer term preceding the beginning of the fall semester of the senior year. Otherwise the student's admission to the senior year will be deferred until the fall semester of the next academic year.

4. Admission to Junior Year Standing:

Completion of an application during the fall semester of junior year is required for admission to junior year standing. Criteria for acceptance are that the applicant:

- a. Be a matriculated student with a minimum overall cumulative University grade point average of 2.5.
- b. On time submission of complete application for Junior standing; no late or incomplete applications will be accepted; due date set each fall semester in coordination with the University Calendar.
- c. Has completed all the prerequisites and required first year and sophomore year courses without any outstanding incompletes.
- d. Has successfully completed SOC 100, SW 200, & PSY 100 and at least two other Social Work major requirement courses that begin with SW (e.g., SW 210, 215, 220, 300) with a grade of "C+" or better.
- e. Will complete foundation courses concurrently with junior practice and field courses.
- f. Has attained a minimum of a cumulative grade point average of 2.75 in the Social Work major requirements with no grade lower than a "C+."
- g. Has completed a personal interview with the department chair or designee.
- h. Has demonstrated continued evidence of communication skills, through the application process and in course work.
- i. Has demonstrated evidence of meeting behavioral expectations (see SW Department Student Handbook) and a commitment to the profession of social work.

j. TRANSFER STUDENTS:

1. Transfer students who are Social Work majors must enroll early enough in the spring semester prior to junior year to meet the requirements for junior standing generally, and to secure enrollment in those courses specified in section 4.d above specifically.
2. Transfer student grades from previous colleges or universities that serve as equivalents for SW major requirement will be calculated when determining the GPA for Social Work major requirements.
3. Transfer students are required to interview with the department chair to arrange for meeting the above criteria.
- k. Note: The Junior standing class is limited to 36 Social Work majors. In the event that applications that meet minimum requirements exceed 36 majors, the 36 students with the top GPAs in Social Work Major Requirements will be given first preference, with university GPA serving as Social Work GPA tiebreaker.

5. Admission to Senior Year Standing:

Completion of an application during the spring semester of junior year is required for admission to senior year standing. Criteria for acceptance are that the applicant:

- a. Is a matriculated student with a minimum overall cumulative university grade point average of 2.5.
- b. On time submission of complete application for Senior standing; no late or incomplete applications will be accepted; due date set each spring semester in coordination with the University Calendar.
- c. Has completed the required foundation and junior year practice and field-related courses, PS 102, ECO 100 or 207, and has no outstanding incompletes.
- d. Has attained a minimum of a cumulative grade point average of 2.75 in the major requirements, with no grade lower than a "C+."
- e. Has completed a personal interview with a department chair or designee.
- f. Has demonstrated continued evidence of communication skills, of meeting the program's learning objectives and behavioral expectations, and shows a commitment to the social work profession (See SW Department Student Handbook).

6. Students must maintain all of the above standards to continue into spring semester senior year.

7. A student who does not receive a "C+" or better in a required major course in fall semester senior year will not be permitted to begin spring semester senior year.

8. No credit is given for life experience at any level of the program.

9. Students must have sufficient weekday hours free (9 a.m. – 5 p.m.) to meet the requirements of each of the two field experiences:

SW 305 Social Work Field Practicum — 104 hrs over 13 weeks (8 hrs per week);

SW 320-321 Social Work Field Practicum and Seminar — 208 hrs each semester (16 hrs per week);

The SW 305 and SW 320-321 field practica are on Tuesday and Thursdays.

Termination Policy

Termination from the department by the chair may occur when a student fails to maintain the academic standards of the university and department (see this catalog, "Good Standing;" WCSU Student Handbook, "Student Rights and Responsibilities;" Social Work Department Student Handbook, "Probationary Status in Department" and "Student Rights and Responsibilities"); and/or when a student in class or the field is considered inappropriate for the profession of social work, based on behavior which is not consistent with the standards of ethical conduct and professional behavior prescribed and proscribed by the NASW Code of Ethics or the stated expectations of the department (see "Student Responsibilities"). In such cases, discussions take place among the student, faculty involved, and department chair. *The chair has the authority to make final decisions.* Decisions reached are communicated in writing by the chair to the student in a timely fashion. The student may appeal these decisions to the Dean of

the School of Professional Studies or employ the university process for “Student Rights and Responsibilities” (WCSU Student Handbook). Termination from the department during the concurrent Junior Practice/Field/Seminar curricula or the concurrent Senior curricula requires the student to withdraw from all SW labeled courses in that concurrent course group.

On occasion, difficulties may arise at the field placement. In these instances the field liaison works with the student and field instructor to resolve these situations. Any one of the three can ask the field coordinator and/or department chair to help resolve matters.

Every effort is made to assess the situation quickly and to establish a plan of action. In the event that the problem cannot be resolved, the field coordinator, in consultation with the field liaison, field instructor and student, will terminate the placement, with the approval of the department chair. Based upon the specifics of the situation the student may: (1) be reassigned to a different field practicum; (2) defer placement for a year or more (with explicit conditions for re-entry established by the department, then assessed at possible re-entry time); (3) be terminated by the chair of the department. Students will be informed in writing of decisions regarding their status and may appeal these decisions to the Dean of the School of Professional Studies.

The university maintains guidelines for student rights and responsibilities and judicial procedures which are clearly articulated in the WCSU Student Rights and Responsibilities Handbook. The department adheres to these guidelines in all such matters and may establish additional responsibilities based upon professional training criteria.

Examples of Agencies Offering Social Work Junior and Senior Field Placements

Ability Beyond Disability, Bethel
AccessAbility Services (WCSU), Danbury
Area Agency on Aging of South Central Connecticut, New Haven
Arms Acres, Carmel, NY
Association of Religious Communities, Danbury
Believe in Me Empowerment Corp., Waterbury
Bethel Health Care, Bethel
Bridgeport Public Schools, Make the Grade Opportunity School, Bridgeport
Brownstein Jewish Family Services, Southbury
Candlewood Valley Health and Rehabilitation, New Milford
Catholic Charities of Danbury, Family Services, Danbury
Catholic Charities, Community Support Program, Bethel
Catholic Charities, Homeless Outreach, Bethel
CHD/Connecticut Outreach/Pilots Program, Danbury
Connecticut Counseling Centers, Danbury
Connecticut Department of Children and Families, Danbury, Waterbury and Torrington
Connecticut Junior Republic, 21st Century Downtown Academy, Waterbury
Danbury Public Schools: Broadview Middle School, Danbury High School, King Street Primary School, Rogers Park Middle School
Danbury Regional Child Advocacy Center, Danbury
Families Network of Western Connecticut, Danbury
Family and Children’s Aid, Extend, Danbury
Family Resource Center at Vogel-Wetmore School, Torrington
Girl Scouts of Connecticut, Wilton
Green Chimneys, Children & Youth Services, Brewster, NY
Green Chimneys, Outreach Center, Brewster, NY
Hancock Hall, Danbury
HARC, Hartford
Headstart of Northern Fairfield County, Danbury
Healing the Children Northeast, Inc, New Milford
Henry Abbot Technical High School, Danbury
Hyde Leadership High School
Jericho Partnership, Inc., Danbury
Midwestern Connecticut Council on Alcoholism, Danbury
Laurel Ridge Health Care Center, Ridgefield
Masonicare at Newtown, Newtown
Morris Foundation, Therapeutic Shelter, Waterbury
Newtown High School, Newtown
Pope John Paul II Care and Rehabilitation Center, Danbury
Putnam County Mental Health & Youth Bureau, Brewster, NY
Connecticut Office of the Public Defender, Danbury
New Fairfield Senior Center, New Fairfield
New Opportunities Inc., Waterbury
Regional YMCA/Escape to the Arts, Danbury
Regional Hospice, Healing Hearts, Danbury
Sherman Senior Center and Social Services, Sherman
Southbury Senior Center, Southbury
Stamford Cares, Family Centers, Stamford
Staywell Health Center, Waterbury
The Bradley Home, Meriden
The Bridge Fund of Westchester, White Plains, NY
United Way of Western Connecticut, Danbury
Waterbury Youth Services, Waterbury

WCSU Child Care Center, Danbury
WCMHN, Jail Diversion Program, Danbury
Westchester Hispanic Coalition, White Plains, NY
WCSU Western Connection Program, Danbury
Women's Resource Center Putnam/North Westchester, Carmel, NY

EDUCATION

ED 206 Introduction to Education 3 SH

Introduction to the basic foundations of the Western educational tradition with specific emphasis on the American pattern. An examination of teaching as a career, the legal and organizational frameworks, international education, cultural diversity and mainstreaming will be conducted. Completion of 15 hours of required classroom exposure throughout the semester is designed to combine theory with educational practices. *Prerequisite:* GPA 2.67 or higher for Education majors and completion of 30 credits.

ED 210 Foundations of Literacy I: Reading Development 3 SH

This course provides an in-depth analysis of the pre-K through grade 5 foundations of reading strands of phonological awareness, decoding and fluency. It teaches students the theoretical models of reading and language development and differentiated instructional approaches for all students including English language learners and special needs students. Focus for this course is on evidence-based instructions and ongoing conversations regarding the linkage between the standards, theory, student work, strategies, assessment, reflection and technology. *Prerequisite:* Admission to the Elementary Education Program. Students who receive a grade of "B-" or lower will be required to retake the course in order to continue in the program.

ED 298 Faculty Developed Study 1–4 SH

ED 299 Student Developed Study 1–6 SH

ED 301 Foundations of Literacy II: Development of Reading Comprehension with a Focus on Elements of Genre 3 SH

This course provides an in-depth analysis of the pre-K through grade 5 foundations of reading strands of vocabulary development, constructing meaning, and reader response. The course will provide students with theoretical models of reading and language development and differentiated instructional approaches. Focus for the course is on evidence-based instruction and discourse regarding the linkage between standards, theory, student work, strategies, assessment, reflection and technology. *Prerequisite:* ED 210 with minimum "B" grade. Students who receive a grade of "B-" or lower will be required to retake the course in order to continue in the program.

ED 320 Professional Development School Experience 1 SH

Students who are enrolled in the Elementary Education Professional Semester are placed in Danbury Professional Development School K-12 classrooms for 10 days during the professional semester. They work with students under the direction of Danbury Public Schools classroom teachers. In addition, they receive supervision from Education and Educational Psychology (E&EP) faculty professional development studies liaisons. Students apply what they are learning in professional semester courses in the elementary school classroom. *Corequisite:* Enrollment in the Professional Semester Elementary Education Program.

ED/MED 340 Assessment of Teaching Strategies (Grades K-12) 1 SH

Designed to assist teacher education candidates prepare for the Beginning Educator Support and Training (BEST) Program assessment standards, this course supports CSDE documents relevant to the education of Elementary, Health, Music, and Secondary Education educators: (1) Connecticut's Common Core of Teaching [CCCT], including Discipline Based Professional Teaching Standards, (2) the CSDE Student Teacher Evaluation Instrument, based on the CCCT; and (3) the CSDE's BEST portfolio licensure requirements for Beginning Teachers [BTs], requiring knowledge of the CCCT and Discipline Based Professional Teaching Standards. INTASC principles and the CSDE Code of Professional Responsibility for Teachers also will be examined. Candidates learn how CSDE standards for K-12 grade students' performance levels interface with teaching standards by applying the following documents in their field preparation: (1) Connecticut's Common Core of Learning [CCCL], focused on improving student achievement across the content and skill areas; and, (2) the CSDE's Curriculum Frameworks for grades K-12. *Prerequisite:* Admission to the Elementary/Secondary Education Program. *Corequisite:* Student teaching.

ED 341 Student Teaching – Elementary Majors (Grades K-6) 12 SH

This course provides experience in planning and conducting the activities of a full day in an elementary school under the guidance of a trained cooperating teacher. Full time for one semester, including monthly seminars. Every semester. *Prerequisite:* Approval of department chair. Students are urged not to be employed during the student teaching program.

ED 342 Student Teaching – Secondary Majors (Grades 7-12) 12 SH

This course provides experience in planning and conducting a full teaching day (five teaching periods) in a secondary school under the guidance of a trained cooperating teacher. Full time for one semester including monthly seminars. Spring semester. *Prerequisite:* Approval of department chair. Students are urged not to be employed during the student teaching program.

ED 360 Teaching Reading (Grades 1–6) 3 SH

This course is designed to develop understanding of the hierarchically structured reading skills sequence and to provide and demonstrate teaching strategies that will prepare students for teaching reading. Every semester. *Prerequisite:* Admission to Elementary Education Program.

ED/BIO/CHE/ENG/ES/HIS/MAT/SPA/SS 385 Methods of Teaching in the Secondary Schools 3 SH

Method of Teaching in the Secondary Schools is designed to help prospective teacher education candidate develop and/or refine the planning, implementation, assessment, and reflection skills and dispositions necessary to be an effective classroom teacher in grades 7-12. Candidates will be introduced to those methods and materials needed for effective teaching in the secondary school; analysis of research and current learning theory along with a required observation/participation component in a secondary school. Candidates will use Connecticut State Department of Education documents and standards for effective teaching as bases for observation and practice teaching opportunities. Every fall. *Prerequisite:* Admission to the Professional Semester Secondary Education Program and approval by the Chair of the E & EP department. *Corequisite:* Registration in coursework for Professional Semester Secondary Education Program.

ED/BIO/CHE/ENG/ES/HIS/MAT/SPA/SS 386 Secondary Education Professional Development School Experience 1 SH

Students who are enrolled in the Secondary Education Professional Semester are placed in public school classrooms for 10 days during the professional semester. They work with students under the direction of public school classroom teachers. In addition, they receive supervision from arts and sciences faculty. Students apply what they are learning in professional semester courses in

grades 7-12 classrooms. Every fall. *Corequisite:* Enrollment in the Professional Semester Secondary Education Program. *Grading:* Pass/fail.

ED 415 Elementary School Science: Content, Skills and Teaching Methods 3 SH

This course focuses on science content, process skills, instructional strategies, resources, inquiry-based hands-on activities, the Connecticut Science Framework, and the underlying theoretical basis for teaching science to children P-6. Students will engage in various modalities of learning how to teach and assess students including students with special needs. Informal science settings will also be introduced in order to familiarize candidates with resources for an eclectic learning experience. This course will also provide classroom management techniques for maintaining an environment that is conducive to learning. *Prerequisite:* Admission to the Professional Elementary Education Teacher Preparation Program. *Corequisite:* Registration in all Elementary Education Professional Semester courses.

ED 420 Elementary School Social Studies: Content, Skills & Teaching Methods 3 SH

This course will provide candidates for certification in Elementary Education with the knowledge and skills to create effective social studies lessons and units. An interdisciplinary approach to social studies will link history, geography, economics and civic education. A variety of forms of instructional technology will be infused throughout the course. This course will also provide classroom management techniques for maintaining an environment that is conducive to learning. *Prerequisite:* Admission to the Professional Elementary Education Teacher Preparation Program. *Corequisite:* Registration in all Elementary Education Professional Semester courses.

ED 425 Elementary School Social Studies: Content, Skills & Teaching Methods 3 SH

This course will provide candidates for certification in Elementary Education with the knowledge and skills to create effective social studies lessons and units. An interdisciplinary approach to social studies will link history, geography, economics and civic education. A variety of forms of instructional technology will be infused throughout the course. This course will also provide classroom management techniques for maintaining an environment that is conducive to learning. *Prerequisite:* Admission to the Professional Elementary Education Teacher Preparation Program. *Corequisite:* Registration in all Elementary Education Professional Semester courses.

ED 430 Foundations of Literacy III: Assessment, Differentiated Learning and the English Language Learner and Special Needs Student 3 SH

This course provides an in-depth analysis with practical application in the area of reading assessment, pre-K through grade 5. The course will demonstrate how to give both formal and informal assessments in the five big idea areas of phonological awareness, decoding, fluency, vocabulary development and reading. In addition, the course will also look at spelling and writing assessment and how to provide students with differentiated learning opportunities based on the diagnosis. Each lesson will examine how to address the needs of the ELL and special needs student in the class through discussion and demonstrations of linkage of the following: standards, theory, student work, strategies, use of technology, assessment and reflection. *Prerequisite:* ED 210 and ED 301 with a minimum "B" grade. Students who receive a grade of "B-" or lower will be required to retake the course in order to continue in the program.

ED 431 Integrating the Emerging Literacies across Elementary Content 3 SH

This final course in literacy provides pre-service candidates with the knowledge to teach reading, writing and oral language in any content area, pre-K through grade six. It will show students how to plan interdisciplinary units that meet the skill based literacy needs of individual students while still providing students with content information. It will show students how to conduct content area research at any level, use technology to aid in their research and development of products, and utilize multicultural literature effectively. Each lesson will also examine how to address the needs of the ELL and special needs student in the class through discussion and demonstrations of linkage of the following: standards, theory, content, student work, strategies, use of technology, assessment and reflection. *Prerequisite:* Admission to the Elementary Education Program, ED 210, ED 301, and ED 430 with a minimum "B" grade. Students who receive a grade of "B-" or lower will be required to retake the course in order to continue in the program.

ED 440 Integrating Language 3 SH

A literature-based approach to the teaching of language arts across the grades 1-12 curriculum, including an understanding of literary values, elements and genres. Classics and content-area texts will be used to enhance listening, writing, spelling, drama and debate. The study of linguistic variations will provide methods for meeting the needs of special as well as culturally diverse students. Every semester. *Prerequisite:* Admission to Professional Semester Elementary/Secondary Education Program.

ED/HIS/SS 441 Teaching History and Social Studies in Secondary Schools 3 SH

This course provides candidates for teacher certification with an understanding of the methods and materials needed to become effective teachers of history and social studies at the secondary school level. Candidates are introduced to assessment methods and learn to integrate current instructional technologies into their teaching. Emphasis is placed on making content knowledge accessible to diverse student populations found in public schools. Candidates develop lesson plans and units of instruction and practice delivering instruction. In addition, they examine current curricular reform movements and consider their impact on history and social studies education in the secondary school. The implications of state, national, and international testing movements and standards are considered. This course will be taught by a member of the history or social science department. Candidates must receive a grade of "B" or higher in order to enroll in student teaching. *Prerequisite:* Admission to the Professional Semester Secondary Education Program. *Corequisite:* Registration in Secondary Education Professional Semester courses.

ED/BIO/CHE/ES 442 Teaching Science in Secondary Schools 3 SH

This course emphasizes the methods, materials, and philosophy needed to become an effective science teacher at the secondary school level. Candidates for teacher certification will briefly review content knowledge in the sciences prior to developing practice lessons and units that include assessment activities, integration of appropriate instructional technologies, and strategies to meet the needs of diverse learners. The course includes an examination of current curricular reform movements and consideration of their impact on science education in secondary schools. In addition, the implications of state, national, and international tests and standards on student development will be considered. This course will be taught by science faculty. Candidates must receive a grade of "B" or higher in order to enroll in student teaching. *Prerequisite:* Admission to the Professional Semester Secondary Education Program. *Corequisite:* Registration in Secondary Education Professional Semester courses.

ED/ENG 447 Teaching English in Secondary Schools 3 SH

This course examines the theories and practices shown to produce effective teaching and learning in the secondary school English class. Primary emphasis is placed on the content of the English language curriculum articulated in state and national standards and on methods for making that content accessible to diverse student populations found in public schools. Candidates for teacher certification are introduced to assessment methods and learn to integrate current instructional technologies into their teaching. They develop lesson plans and units of instruction and practice delivering instruction. In addition, they examine current curricular reform movements and consider their impact on English education in the secondary school. This course is taught by a member of the English Department faculty. Candidates must receive a grade of "B" or higher in order to enroll in student teaching. *Prerequisite:* Admission to the Professional Secondary Education Teacher Preparation Program. *Corequisite:* Registration in Professional Semester Secondary Education Program.

ED/SPA 448 Teaching Spanish in Secondary Schools 3 SH

This course provides candidates for teacher certification with an understanding of the methods and materials needed to become a competent teacher of Spanish at the secondary level. Emphasis is placed on making content knowledge accessible to diverse student populations. Candidates are introduced to assessment methods and learn to integrate current instructional technologies into their teaching. They develop lesson plans and units of instruction and practice delivering instruction. The course will include an examination of the current curricular reform movements and their impact on the teaching of Spanish in the secondary school. Implications of state and national standards are considered. This course will be taught by a member of the World Languages and Literature Department. Candidates must receive a grade of "B" or higher in order to enroll in student teaching. *Prerequisite:* Admission to the Professional Semester Secondary Education Teacher Preparation Program. *Corequisite:* Registration in Secondary Education Professional Semester courses.

ED/MAT 449 Teaching Mathematics in the Secondary Schools 3 SH

This course provides candidates for teacher certification with an understanding of the methods and materials needed to become effective teachers of mathematics at the secondary school level. Candidates are introduced to assessment methods and learn to integrate current instructional technologies into their teaching. Emphasis is placed on making content knowledge accessible to diverse student populations found in public schools. Candidates develop lesson plans and units of instruction and practice delivering instruction. In addition, they examine current curricular reform movements and consider their impact on mathematics education in the secondary school. The implications of state, national, and international testing movements and state and national standards are considered. This course will be taught by a member of the Mathematics Department. Candidates must receive a grade of "B" or higher in order to enroll in student teaching. *Prerequisite:* Admission to the Professional Secondary Education Teacher Preparation Program. *Corequisite:* Registration in Secondary Education Professional Semester courses.

The following course also has been approved and is offered periodically:

ED 400 Educational Technology

EDUCATIONAL PSYCHOLOGY

EPY 201 Field Experience: Child Development 1 SH

This course permits students who completed the academic content of EPY 203 through examination, transfer or course equivalency to satisfy the required 15 hours of reflective independent field observation of two students, grades K-6 in a public school. *Prerequisite:* Approval of E&EP Chairperson.

EPY 202 Field Experience: Adolescent Development 1 SH

This course permits students who completed the academic content of EPY 204 through examination, transfer or course equivalency to satisfy the required 15 hours of reflective independent field observation of two students, grades 7-12 in a public school. *Prerequisite:* Approval of E&EP Chairperson.

EPY 203 Child Development in School 3 SH

Major theories and research about child development in school settings are emphasized. Other topics include the interrelationship of heredity and environment; cognitive and socialization processes; learning and teaching styles; conflict resolution; and family, peer and media influences on growth in a culturally diverse society. Completion of 15 hours of required classroom exposure throughout the semester is designed to combine theory with educational practices. *Prerequisite:* Education major or department approval; completion of 30 credits of course work with a cumulative GPA 2.67 or higher.

EPY 204 Adolescent Development in School 3 SH

Major theories and research about adolescent development in school settings are emphasized. Other topics include the effects of heredity and environment; socialization processes; measurement and assessment of intelligence; learning styles; conflict resolution; exceptionality; and family, peer, school and media influences on growth in a culturally diverse society. Completion of 15 hours of required classroom exposure throughout the semester is designed to combine theory with educational practices. *Prerequisite:* Education major or department approval, completion of 30 credits of course work with a cumulative GPA 2.67 or higher.

EPY 405 Introduction to Special Education 3 SH

An introductory course to the field of special education. A survey of the various syndromes associated with special needs populations. Various intervention methods and techniques are introduced for each of the special learners. *Prerequisite:* EPY 203 or 204, or PSY 210 or 211.

HEALTH PROMOTION AND EXERCISE SCIENCES

Non-Activity Courses

HPX 100 Health Promotion and Maintenance 3 SH

This course focuses on knowledge and skills necessary to maintain and improve one's level of health. It will define and elaborate on the various areas of well-being and on methods to promote health-enhancing behaviors related to achieving optimal health. *Prerequisite:* HPX major or permission of the Department Chair.

HPX 150 Dance Workshop 3 SH

This course helps students develop powers of expression through creative experience in dance. Basic factors related to body movements are studied and research is done in the historical development of dance. Every semester. *General Education: Fine Arts.*

HPX 160 First Aid and Safety 2 SH

This course will show how to recognize when an emergency has occurred, prepare a person to make appropriate decisions regarding first aid care and to act on those decisions. Specific areas covered include: adult, child and infant breathing and CPR emergencies, first aid techniques, handling sudden illness, and providing care until professional medical help arrives.

Prerequisite: HPX major or permission of the Department Chair.

HPX 200 Introduction to Community Health and Organizations 3 SH

This course focuses on understanding the community and health issues at a community level. Students will learn skills such as coalition building, assessment, group facilitation, and data collection. Fieldwork in this course includes assessing needs and involving the community in the process. Fall semester. *Prerequisite:* Completion of HPX 100 with a grade of "C" or better or permission of the HPX Department Chair. *Corequisite:* HPX 202.

HPX 202 Epidemiology of Disease 3 SH

Course emphasis is placed on the leading causes of death and disability in the United States. It focuses on an understanding of diseases and conditions (chronic and infectious), risk factor relationships with diseases/conditions, and the epidemiological process. Summarizing and interpreting data are key skills addressed in this course. Fall semester. *Corequisite:* HPX 200.

HPX 205 Nutrition and Health 2 SH

This course explores the basic nutritional needs of persons throughout the life cycle, the nutritive composition of foods, and the digestion, absorption and assimilation of nutrients in the body. *Corequisite:* HPX 207.

HPX 207 Nutrition and Health Lab 1 SH

This course expands upon topics introduced in HPX 205 and provides hands-on-experience. Students will explore current topics such as popular diets, nutritional supplements, and organic foods. In addition, students will learn how to distinguish reliable nutritional information versus misinformation. Students will apply nutritional concepts and assessments to the individual. *Corequisite:* HPX 205.

HPX 215 Health Issues in the Schools (Grades PK–12) 3 SH

This course is designed to meet the needs of individuals who are in education programs to learn about teaching health topics as mandated by Connecticut law (i.e., child sexual abuse; AIDS; alcohol; nicotine and other drugs; suicide prevention; conflict resolution). Curricula and developmentally appropriate lesson plans which can assist educators in providing information, attitude clarification and living skills will be presented and discussed. The course will provide a strong information base and the opportunity to practice those skills needed to teach potentially controversial and sensitive health topics. *Prerequisite:* Education major; 30 credits of course work completed with a GPA of 2.67 or higher.

HPX 230 Drug Studies 3 SH

The pharmacology, sociology and psychology of drug use and abuse will be examined in detail. Legal implications of the Drug Abuse Act will also be evaluated. Drug education in public schools will be addressed. Spring semester. *Prerequisite:* HPX major or permission of the Department Chair.

HPX 253 Concept of Diseases 3 SH

Leading causes of morbidity and mortality in the United States and the progress in research related to diseases will be discussed. Emphasis will be on communicable and non-communicable diseases.

HPX 254 Fitness Seminar and Laboratory 3 SH

The seminar portion of this course examines the relationship between physical activity and health, and reviews some basic exercise physiology, biomechanics, and kinesiology. In lab, students will have the opportunity to practice fitness assessment techniques, physical activity counseling, and exercise prescription. *Prerequisite:* HPX 100.

HPX 270 Health Education: Theory and Application 3 SH

This course focuses on behavioral science theories from an ecological perspective and the planning of health promotion programs based on the needs identified in HPX 200. The fieldwork/application focus will be on planning a program that is theory based and that addresses identified needs. Data will be used to guide the program planning process and will involve working with the community to plan the program. The Health Promotion Studies students will create the plan for the program which will be implemented in HPX 370 using a participatory approach. Spring semester. *Prerequisite:* Completion of HPX 200 with a final grade of "C" or better or permission of the HPX Department Chair.

HPX 271 Health Education: Programs in the Community 3 SH

This course provides an overview of the Areas of Responsibility for Community Health Educators as identified by the National Commission for Health Education Credentialing. The focus is on Areas I through IV teaching the necessary processes for implementing a health promotion program in the community. Students will be required to plan, implement and evaluate an actual program. This course is for Health Education majors and others interested in developing health education programs in the

community. Spring semester. *Prerequisite:* For Health Education majors or permission of Department Chair.

HPX 281 Principles of Wellness 3 SH

This course immerses students in the concept of wellness, which has been described as a multi-dimensional approach to understanding health and preventing disease. Students will be expected to analyze their own lifestyles and environments as they explore various dimensions of wellness, so they can relate principles learned in the classroom to themselves. *Prerequisite:* HPX 100.

HPX 290 Body Therapies and Meditation 1 SH

This introductory course explores various forms of bodywork and focused mindfulness. The class will cover the following topics: massage, iridology, reflexology, acupressure, body movement (Tai Chi), meditation, visualization and guided imagery. An experiential component is included.

HPX 292 Naturopathy, Homeopathy, Herbs and Nutritional Self-Care 1 SH

This course will examine the areas of naturopathy, homeopathy, herbs and nutritional self-care.

HPX 293 Cross-Cultural Health & Healing 1 SH

This course is an overview of methods used by many cultures to ensure balance in one's life in order to promote health and healing. The following topics will be included: Native American (e.g. Navajo) health and healing, ayurvedic practices, traditional Chinese health and healing, and a brief look at the use of plants for healing.

HPX 298 Faculty Developed Study 1–6 SH

HPX 299 Student Developed Study 1–6 SH

HPX 311 School Health Programs 3 SH

Eight components of a comprehensive school health program (i.e. health instruction, health services and school environment, etc.) will be covered. This field experience provides the opportunity to observe and participate in instruction in a public elementary school. Fall semester. *Prerequisite:* Acceptance as Sophomore Health major.

HPX 316 Projects in Wellness Preparation 1 SH

This seminar provides students with the opportunities to design a wellness promotion initiative for the WCSU community under the supervision of appropriate faculty. This course prepares students for the Projects in Wellness course, HPX 317, where designed programs will be implemented. *Prerequisite:* HPX 281.

HPX 317 Projects in Wellness 2 SH

This course provides the students the opportunity to carry out a wellness promotion initiative for the WCSU community, under the supervision of appropriate faculty. This will prepare students for internship in the community-at-large during their professional semester. *Prerequisite:* HPX 316.

HPX 342 Global Health and Epidemiology 3 SH

This course provides an overview of the health status, methods of health care delivery, health infrastructure, and epidemiology concerning health on a global scale. Spring semester.

HPX 352 Mental Health 3 SH

This course is an introduction to mental well-being through the practice of stress management and personal health planning. Current theories of mental health are explored, areas of intrapersonal and interpersonal stress are identified and coping skills and relaxation techniques are practiced. Skills are developed to eliminate high-risk behaviors and maintain better overall health. Spring semester. *Prerequisite:* Junior standing.

HPX 353 Environmental and Global Health 3 SH

This course provides an overview of the relationship between environment and health and the impact of human behavior on the ecosystem. On a global scale, discussions include key environmental health burdens, environmentally-related diseases, costs and consequences of environmental health problems and reducing the burden of disease. The role of diversity on health status, access, and delivery with respect to culture, race, ethnicity, economics, and politics is a primary focus for this course. Fall semester.

HPX 355 Human Sexuality 3 SH

This course is a discussion of emotional, social, spiritual and physical development as it relates to human sexual behavior. Emphasis is placed on self-understanding and awareness of one's own sexual nature and needs. Topics covered include human reproduction and sexual response, psychosexual development, interpersonal relationships, sexual deviance, and parenting (family planning). Fall semester. *Prerequisite:* Junior standing; HPX major or permission of the Department Chair.

HPX 370 Health Promotion Program Design and Implementation 3 SH

Students will design and implement the program planned in HPX 270. The course focuses on strategies and methods of implementation including pilot-testing of program and delivery of the program. Students will use communication and marketing strategies from HPX 371 for dissemination. The use of process evaluation methods will be introduced for program refinement. Fall Semester. *Prerequisite:* Completion of HPX 270 with a final grade of "C" or better. *Corequisite:* HPX 371.

HPX 371 Health Communication Methods and Strategies 3 SH

This course provides strategies that community and school health educators can use for communicating and disseminating health promotion messages and materials. The course is a combination of a review of concepts and theories, learning new strategies and methods, and application. These experiences will be synthesized to enable students to communicate health messages and promote programs and services to individuals, groups (health care practitioners, legislators, business owners, etc.), and communities. Students will learn necessary strategies for marketing programs and communicating health-related information. Fall semester. *Prerequisite:* Completion of HPX 270 with a grade of "C" or better or permission of the HPX Department Chair. *Corequisite:* HPX 370.

HPX 380 Worksite Health 3 SH

This course reviews the worksite health promotion field to include employee and employer benefits, theories and models as the basis for programs, types of programs, and the necessary knowledge and skills for worksite wellness education. *Prerequisite:* HPX 100.

HPX 386 Health Education Professional Development School Experience 1 SH

Students who are enrolled in the Health Education Professional Semester are placed in public school classrooms for 10 days during their professional semester. They work with students under the direction of public school classroom teachers. In addition, they receive supervision from Health Education faculty. Students apply what they are learning in professional semester courses in P-12 classrooms.

HPX 400 Outdoor Education 3 SH

This course covers the history, philosophy and significance of outdoor education in American culture. Current practices in the various types of camps are studied and discussed. Personal assessment of individual skills necessary for outdoor education leadership is followed by practice of the skills needed. A project which includes planning, carrying out and evaluating a worthwhile outdoor experience is required of each student.

HPX 460 Health Education Student Teaching Seminar 1 SH

This course includes an examination of student teaching experiences in human behavior and health; job interviews; resume writing; health education related to student teaching experiences; conflict management; professional research and health education issues covered in literature. Spring semester. *Prerequisite:* HPX 100, HPX 215, HPX 230, HPX 271, HPX 311, HPX 371, HPX 386, ED 440 and EPY 405. *Corequisite:* Must be taken concurrently with HPX 464.

HPX 464 Student Teaching 12 SH

Each student will spend a full semester (70 contact days) observing and teaching health and health-related classes in the public schools under the supervision of a state-trained cooperating teacher as well as a university Health Science faculty member. Participation in Student Teaching Seminar (HPX 460) and ED 340 is required. Students are urged not to be employed during the student teaching semester. *Prerequisite:* Permission of the program coordinator. May not have more than 13 semester hours of required general education courses or 8 semester hours of approved, academic major courses remaining. Spring semester. *Corequisite:* Must be taken concurrently with HPX 460.

HPX 470 Health Promotion Program Evaluation 3 SH

Students will be introduced to the fundamentals of program evaluation. This course focuses on evaluation methodology with practical applications and illustrations. Topics in the course include, but are not limited to, the link between program planning and program evaluation; evaluation research designs and their limitations; integrating process and outcome approaches; methods of data collection and related measurement reliability and validity; and utilization of evaluation results. Students will evaluate the programs they implemented for the field work in this course. Spring semester. *Prerequisite:* Completion of HPX 370 with a final grade of "C" or better or permission of the HPX Department Chair.

HPX 490 Practicum for Health Promotion Studies 12 SH

This practicum is designed to provide the student with first-hand experience in a health organization. Students work full-time (450 hours) with a preceptor at an organization to determine specific responsibilities for the field experience. Students make arrangements for their placement with the department coordinator and must have their own transportation. *Prerequisite:* A grade of "C" or better in HPX 100, HPX 200, HPX 270, HPX 370, HPX 371, HPX 470, BIO 105, BIO 106 and other B.S. Health Promotion Studies option courses. *Corequisite:* HPX 491.

HPX 491 Health Promotion Studies Senior Seminar 1 SH

This course includes an examination of practicum experiences, human behavior and health, job interviews, resume writing, community health related to practicum experiences, conflict management, professional research and literature including current issues. *Prerequisite:* A grade of "C" or better in HPX 100, HPX 200, HPX 270, HPX 370, HPX 371, HPX 470, BIO 105, BIO 106 and other B. S. Health Promotion Studies option courses. *Corequisite:* HPX 490.

The following courses also have been approved and are offered periodically:

HPX 163 Basic Disaster Services

HPX 201 Community Health

HPX 280 Principles of Health Education

HPX 285 Service Learning in Community Health I

HPX 291 Energy Therapies

HPX 310 Methods and Materials in Health Education

HPX 381 Environment and Health

HPX 385 Service Learning in Community Health II

HPX 486 Program Planning & Evaluation

Physical Activity Courses

All physical activity courses meet general education requirements.

***HPX 177 Fitness for Life 1 SH**

This 2 SH course is divided into one weekly lecture and one weekly activity class that is designed to improve cardiovascular, muscular and/or flexibility fitness.

*** HPX 177 Weight Training 1 SH***** HPX 177 Basketball 1 SH***** HPX 177 Softball 1 SH***** HPX 177 Volleyball I 1 SH***** HPX 177 Badminton I 1 SH***** HPX 177 Golf I 1SH***** HPX 177 Yoga I 1SH***** HPX 177 Jogging 1 SH***** HPX 177 Tennis I 1 SH***** HPX 177 Hiking & Backpacking 1 SH**

- * **HPX 177 Tai Chi-Chi Gong 1 SH**
- * **HPX 177 Ballroom Dance 1 SH**
- * **HPX 177 Fitness through Dance 1 SH**
- * **HPX 177 Play Activities for Elementary School 1 SH**
- * **HPX 177 Rhythm for Children 1 SH**
- * **HPX 177 Movement Activities in Theater Arts 1 SH**
- * **HPX 177 Ballet for Beginners 1 SH**
- * **HPX 177 Modern Jazz 1 SH**
- * **HPX 177 Introduction to Modern Dance 1 SH**
- * **HPX 177 Volleyball II 1 SH**
- * **HPX 177 Badminton II 1 SH**
- * **HPX 177 Yoga II 1 SH**

* *General Education: HPX Activity Course*

Health Science

See Health Promotion and Exercise Sciences.

NURSING

NUR 105 Application of Math prior to Medication Administration 1 SH

This course is designed to expose students to mathematic calculations in the context of medication administration. Mathematic calculations will include: addition, subtraction, multiplication, division of whole numbers, fractions and percents. Students will also apply conversion systems for medication administration and apply basic mathematic operations to the calculation of medication dosages.

NUR 201 Introduction to Physical Assessment 4 SH

Introduces concepts and techniques of physical assessment in the context of the nursing process. Includes assessment of children, adults, and the elderly, and analysis and correlation of findings. Laboratory experiences provide students with opportunities to develop examination skills in preparation for clinical courses (3 hrs lecture — 3 hrs laboratory). *Prerequisite:* Admission to the Nursing major.

NUR 205 Fundamentals of Nursing 4 SH

Consideration of the nursing profession as a theory-based practice discipline. Introduces foundational concepts and skills used in the care of individuals, families, and communities within the context of the needs-adaptation framework (4 hrs lecture).

Prerequisite: Admission to the Nursing major.

NUR 220 Transition to Professional Nursing Practice 2 SH

Exploration of the role of the professional nurse and transition of the RN-BS student to that role. Foundational concepts related to nursing practice are explored within a framework of role development. Open only to RN-BS students. *Prerequisite:* Current RN License; admission to the RN-BS program; BIO 105, BIO 106, BIO 215 and MAT 100.

NUR 221 Physical Assessment across the Life Span 3 SH

Introduces concepts and techniques of a comprehensive health assessment in the context of the nursing process. The course addresses common health variations across the lifespan. Laboratory experiences provide students with the opportunity to refine their assessment skills (2 hrs lecture — 3 hrs lab). *Prerequisite:* Current RN license, admission to the RN-BS program.

NUR 225 Scientific Principles underlying Nursing Practice 2 SH

Introduction to the principles underlying pharmacotherapeutics, as well as other diagnostic and patient care modalities.

Prerequisite: NUR 201, NUR 205, and BIO 215.

NUR 230 Principles of Community Health Nursing 3 SH

Foundational concepts that address the community as a unit of health care. The course focuses on the care of population groups.

Prerequisite: Current RN license, admission to the RN-BS program, BIO 105, BIO 106, BIO 215, and MAT 100.

NUR 235 Clinical Nursing Practice I 5 SH

Use of the nursing process in applying foundational concepts and skills in planning and providing nursing care for individuals. Considers human responses to commonly encountered illnesses, including pathophysiological processes and treatment approaches. Laboratory experiences provide opportunities to apply theory and develop skills in the care of individuals in structured clinical settings (3 hrs lecture; 3 hrs college lab; 6 hrs clinical). *Prerequisite:* NUR 201, NUR 205 and BIO 215.

NUR 255 Clinical Nursing Practice II 6 SH

Use of the nursing process to design, implement, and evaluate therapeutic nursing interventions for individuals undergoing medical and/or surgical treatment for commonly occurring illnesses. Laboratory experiences provide opportunities to apply theory and develop skills in the care of individuals, primarily in surgical settings (3 hrs lecture, 3 hrs college lab; 6 hrs clinical lab).

Prerequisite: NUR 225, NUR 235 and HPX 205.

NUR 298 Faculty Developed Study 1-6 SH

NUR 299 Student Developed Study 1-6 SH

NUR 300 Mental Health Nursing 4 SH

Application of the nursing process with clients who have major disorders of ego development and/or functioning. Psychosocial development issues of childhood, adolescence, and adulthood are explored as a baseline. Then behavioral dynamics and the application of therapeutic interpersonal interventions are stressed, using a systems framework (2 hrs lecture; 6 hrs clinical lab).

Prerequisite: NUR 201 and NUR 205.

NUR 301 Nursing Leadership in Health Care Organizations 3 SH

Introduction to the theories of leadership, management, group process, planned change and organizational communication within a complex health care delivery system. The focus is on designing a professional nursing role with the organizational dimensions of health care delivery. Open only to RN-BS students. *Prerequisite:* Current RN license, admission to the RN-BS program, BIO 105, BIO 106, BIO 215, MAT 100 and completion of a Writing-intensive (WI) course.

NUR 325 Nursing Care of the Childbearing and Childrearing Family 7 SH

Continual application of the nursing process in planning and providing nursing care for members of childbearing and childrearing families. Considers the needs of both groups during this developmental stage. College and clinical laboratory experiences provide opportunities to apply theory and develop skills in the care of both groups (4 hrs lecture; 9 hrs clinical lab). *Prerequisite:* NUR 255, NUR 300 and NUR 361.

NUR 327 Community Health Nursing 6 SH

A community is viewed as the client. In studying population groups, health prevention, health promotion and risk reduction strategies are explored with select community health problems across a variety of settings (3 hrs lecture; 9 hrs clinical lab).

Prerequisite: NUR 255, NUR 300 and NUR 361.

NUR 330 Nursing in the Community 4 SH

Nursing care population groups within the community is the focus of this course. Health prevention, risk reduction and health promotion strategies are explored with select community health problems across a variety of settings. Open only to RN-BS

students (2 hrs lecture; 2 hrs lab). *Prerequisite:* Current RN license, admission to the RN-BS program, BIO 105, BIO 106, BIO 215, MAT 100, NUR 221, NUR 230, NUR 332, and NUR 336.

NUR 332 Pharmacology, Pathophysiology, and Nursing Practice 3 SH

An in-depth analysis of common pharmacotherapeutics, related pathophysiology and diagnostics used currently in the nursing care of patients. Open only to RN-BS students. *Prerequisite:* Current RN license, admission to the RN-BS program, and MAT 100.

NUR 335 Clinical Nursing Practice III 8 SH

Continual application of the nursing process in applying concepts and skills in planning and providing nursing care for individuals experiencing complex illnesses. Considers human responses to complex illnesses; designs and supports the creation of new approaches to nursing interventions to meet the demands of the care situation. Laboratory experiences provide opportunities to apply theory and develop skills in the care of individuals in traditional institutional and selected community settings (4 hrs lecture; 3 hrs college lab; 9 hrs clinical lab). *Prerequisite:* NUR 255, NUR 300 and NUR 361.

NUR 336 The Human Health Experience and Nursing Practice 3 SH

Exploration of the human experience from a holistic perspective. Attention is given to cultural, behavioral, cognitive, spiritual, social and developmental factors that contribute to one's view of health. Emphasis is placed on therapeutic nursing interventions that improve outcomes for patients. Teaching-learning interventions, health counseling and alternative/complementary therapies are selected as examples of holistic nursing approaches. Open only to RN-BS students. *Prerequisite:* Current RN license, admission to the RN-BS program, BIO 105, BIO 106, BIO 215 and MAT 100.

NUR 361 Research Process in Nursing 2 SH

Exploration of the principles and concepts underlying the research process as it is used in conducting empirical nursing research studies. Analysis and critique of extant nursing research, with an emphasis on evaluation of research for application in practice (2 hrs lecture). *Prerequisite:* Admission to the RN-BS program, MAT 115 or MAT 120.

NUR 374 Leadership and Management in Contemporary Nursing Practice 2 SH

Application of the principles of leadership and management within the context of professional nursing practice. Roles of the professional nurse as assertive leader, manager of resources and patient care, and change agent are explored (2 hrs lecture). *Prerequisite:* NUR 255, NUR 300 and NUR 361.

NUR 375 Nursing Practicum 5 SH

Capstone course in the practice of professional nursing, addressing issues related to entry into professional practice and the contextual issues surrounding health care delivery. Clinical experiences allow students to practice the full role of the professional nurse under the guidance of a clinical preceptor and faculty mentor (1 hr lecture; 1 hr seminar; 135 hrs clinical lab). *Prerequisite:* NUR 325, 327, 335, 361, and 374.

NUR 376 Professional Nursing Role Development 4 SH

Capstone course addressing issues related to professional nursing practice and the health care delivery system. Clinical experiences explore the full role of the professional nurse, including project development under the guidance of a clinical preceptor and faculty mentor. *Prerequisite:* Current Connecticut RN license, NUR 220, 221, 330, 332, 361, Writing-intensive course (WI).

The following courses also have been approved and are offered periodically:

NUR/WS 250 Women's Health Issues

NUR 251 Cultural Diversity in Health and Illness

SOCIAL WORK

SW 200 Introduction to Social Work and Social Welfare Services 3 SH

This course is designed to introduce students to the social work profession and the wide spectrum of social welfare services in their context for practice: public, non-profit and proprietary settings. It offers the students an introduction to the competencies which underlie the practice of social work. The generalist model of social work practice will be used as a framework for teaching and learning. *Prerequisite:* SOC 100.

SW 210 Social Welfare as an Institution 3 SH

This course, which is the first in a two-part social policy sequence, provides a historical and analytical assessment of social welfare as an institution, using a framework of social theories and definition of social welfare conditions, policy goals, program design, and service delivery. It examines contexts for practice in ways to advance human rights and social and economic justice. The functions of social work as a profession are explored in areas such as income security, family and children's services, and health care services. *Prerequisite:* SOC 100.

SW 215 Human Behavior and the Social Environment 3 SH

The focus of this course is on conceptual frameworks that explain the interrelatedness of genetic, biological, emotional, societal, and environmental conditions. This course also examines the factors that foster or impede social functioning and their effects on individuals, families, groups, communities, organizations and society. *Prerequisite:* SOC 100, and BIO 100 or BIO 132, or permission of department chair.

SW 220 Cultural Diversity 3 SH

Emphasizing the Connecticut region, this course analyzes and develops an understanding of how to engage human diversity and difference in professional practice. Emphases are on recognizing societal structures that shape life experiences and on deepening knowledge of self and of others, sometimes using experiential exercises. *Prerequisite:* SOC 100 or permission of department chair. Priority given to SW and HPX/Health Promotion Studies option majors.

SW 250 AIDS: A Social Work Perspective 3 SH

This course will provide students with information about the HIV/AIDS epidemic: biological aspects and the medical, psychosocial, and ethical/legal responses to the disease; understanding of current local, state and federal policy laws affecting medical and social services; regional resources available to persons living with HIV/AIDS. The course will also provide the opportunity for students to address their own concerns, to clarify values positions, to understand the impact of HIV/AIDS on those in the primary client's social network, and to begin developing analytic and interaction skills necessary to work directly with, or to advocate on behalf of, persons living with HIV/AIDS. *Prerequisite:* SOC 100.

SW/SOC 260 Aging 3 SH

This course provides an introduction to gerontology, focusing on the physical, psychological, social, emotional, and environmental aspects of aging. It also provides an overview of social policies and issues affecting older persons and social programs for older persons. *Prerequisite:* SOC 100. *General Education: Social Sciences.*

SW 270W Writing for the Human Service and Health Care Professions 3 SH

This writing intensive (W) course is designed for students intending to pursue a professional career in such fields as social work, education, nursing, and other health services. Using a writing-to-learn approach, students will respond in writing to a range of texts from across disciplines and genres in order to deepen their understanding, exercise critical thinking, and enhance clarity of written communication in the human service and health care professions. The class may make use of shared writing and reading, small group exercises, and other peer reading and responses. All readings and exercises will reflect professional values and concerns. *Prerequisite:* WRT 101 or permission of the instructor.

SW 298 Faculty Developed Study 3 SH

SW 299 Student Developed Study 3 SH

SW 300 Social Work Research 3 SH

This course introduces students to research concepts and skills relevant to generalist social work practice with client systems of all sizes. The purpose of this course is to prepare generalist social workers to use social work practice experiences to inform scientific inquiry, including: reading, interpreting, evaluating, and generating social work research and knowledge; and to use research to inform social work practice. *Prerequisite:* SW 200 and MAT 100. Open only to Social Work majors.

SW 305 Social Work Junior Field Practicum 2 SH

This 13-week, 104-hour supervised field practicum provides students with an agency-based, generalist social work practice experience that begins to develop social work competencies. *Prerequisite:* PSY 100 with a minimum grade of C+ and acceptance to Junior standing in the major. *Corequisite:* SW 306 and SW 309. *This course requires registration permission of the Department of Social Work chair.* Spring semester.

SW 306 Social Work Junior Field Seminar 1 SH

This seminar is designed to provide students with an opportunity to conceptualize and evaluate their developing competencies, participate in collaborative peer learning and integrate the field experience with the theoretical and conceptual frameworks of generalist social work practice. *Prerequisite:* PSY 100 with a minimum grade of C+ and acceptance to Junior standing in the major. *Corequisite:* Junior standing in the major, SW 305 and SW 309. *This course requires registration permission of the Department of Social Work Chair.* Spring semester.

SW 309 Social Work Practice I 3 SH

Utilizing the conceptual frameworks of generalist social work practice, this course emphasizes competencies in engagement and beginning assessment, and values and ethics of the profession. Professional identity is also emphasized. *Prerequisite:* PSY 100 with a minimum grade of C+ and acceptance in Junior standing in the major. *Corequisite:* SW 305 and SW 306. *This course requires registration permission of the Department of Social Work Chair.* Spring semester.

SW 310 Social Work Practice II 3 SH

This course is a continuation of SW 309. Emphasis is on generalist social work practice competencies in assessment, intervention and evaluation with individuals, families, and groups. Models of intervention with diverse client systems and in varied social systems are also emphasized. Students' professional identity is enhanced. *Prerequisite:* SW 309 and acceptance in Senior standing in the major. *Corequisite:* SW 315 and SW 320. Fall semester.

SW 311 Social Work Practice III 3 SH

This course is a continuation of SW 310. This course emphasizes generalist social work competencies in assessment, intervention, and evaluation with task groups, communities, and organizations. The interrelationships among social work practice, social work research and social policies are highlighted, as are the professional responsibilities to contribute to social work practice, to work toward promoting social and economic justice, and ending oppression. Professional use of self with diverse client systems and with changing organizations is expanded. *Prerequisite:* SW 310 and SW 320. *Corequisite:* SW 316 and SW 321. Spring semester.

SW 315 Community Organizing Project I 2 SH

The Community Organizing Project two-course sequence is designed to provide an opportunity for students to gain supervised macro level practice experience while addressing an issue of concern on campus or in the community. Students conceptualize community organizing, while applying generalist models of practice. Emphasis is on preparing for action with groups, organizations and communities; using interpersonal skills in large groups; developing mutually agreed on foci of work and desired outcomes; collecting, organizing and interpreting data; assessing strengths and limitations; developing mutually agreed upon intervention goals and objectives; and selecting appropriate intervention strategies. *Prerequisite:* Acceptance in Senior standing in the major. *Corequisite:* SW 310 and SW 320. Fall semester.

SW 316 Community Organizing Project II 2 SH

This is the second course in the Community Organizing Project two-course sequence. Emphases this semester are on: initiating actions to achieve goals; implementing interventions; resolving problems, negotiating, mediating and advocating; transitions and endings; analysis and evaluation of interventions. *Prerequisite:* SW 315. Spring semester.

SW 320 Social Work Senior Field Practicum and Seminar 6 SH

This is the first of a two-semester field experience in a social service agency. The field practicum is for 16 hours per week over a period of 13 weeks, and attendance at a two-hour weekly seminar is required each semester. The practicum is designed to provide students with direct experience in the delivery of social services within an assigned setting under the supervision of a professional social worker. Students will engage with individuals, families, groups, organizations, and communities. In the seminar, students conceptualize and evaluate their competencies, apply knowledge to practice, and participate in peer learning. *Prerequisite:* Acceptance in Senior standing in the major. *Corequisite:* SW 310. Fall semester.

SW 321 Social Work Senior Field Practicum and Seminar 6 SH

This is the second of a two-semester field experience in a social service agency. The field practicum is for 16 hours per week over a period of 15 weeks, with a required two-hour weekly seminar. This is an advanced field experience course with emphasis on deepening and broadening the student's practice competencies. The seminar provides students with further opportunities to conceptualize their field experiences and engage in evaluation of their own practice. It also provides a forum for discussion of practice questions and issues, as well as postgraduate planning opportunities. *Prerequisite:* SW 320. *Corequisite:* SW 311, SW 316 and SW 350. Spring semester.

SW 325 Senior Seminar on Social Policies Issues 2 SH

This course prepares students to engage in policy practice by building on the knowledge gained in SW 210. Definitions of social policies, ways in which policies are promulgated, developed, and implemented, and issues which lack policy direction will be addressed. Additionally, students learn how to analyze social policies, the interrelationships among research, policy and practice, how to advocate for policies that promote social well-being, and how to engage in policy practice. *Prerequisite:* PS 102, ECO 100 or ECO 207, and Senior standing in the major. *Corequisites:* SW 310, SW 315 and SW 320. Fall semester.

SW 350 Senior Integrative Seminar 2 SH

This is a capstone course taken in the last semester of study in the Social Work major. In this course students demonstrate their competencies in both theoretical and practice knowledge bases and integrate their learning from the entire Social Work curriculum. *Prerequisite:* Senior standing in the major. *Corequisite:* SW 311, SW 316 and SW 321. Spring semester.

The following course also has been approved and is offered periodically:

SW 245 Child Welfare

SCHOOL OF VISUAL AND PERFORMING ARTS

OVERVIEW

DEPARTMENTS

Art
Music
Theatre Arts

DEGREE PROGRAMS

BA Art
BA Music
BS Music Education (PK-12)
BM Performance
BM Jazz Studies
BA Theatre Arts

COURSES

Art
Music
Music Education
Theatre Arts

SCHOOL OF VISUAL AND PERFORMING ARTS

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Chair: Jamie Begian, M. M.

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Associate Chair: Kevin Isaacs, A.Mus.D.

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Chair: Pamela McDaniel, M.F.A.

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(203) 837-8912 (fax)

Mission Statement

The mission of The School of Visual and Performing Arts at Western Connecticut State University is to advance knowledge, to promote intellectual inquiry, and to cultivate creativity among faculty and students through teaching, research, scholarship, artistry, and public performance.

The school provides its students with a superior arts education, fosters excellence in creative research and discovery, nurtures ethical and moral decision-making and leadership, and contributes to the cultural enrichment of the state and region.

Moreover, the arts in the general education of all students at WCSU provide special modes of thinking unavailable in other disciplines. By transcending previous historical, mathematical and verbal constructs and conventions, the arts involve unique ways of knowing, understanding, expressing and creating — each of which contributes to human achievement and a deeper shared experience.

Objectives

1. To offer the highest quality educational, pre-professional, and professional programming within a liberal arts environment;
2. To utilize fully the regional advantage of our proximity to New York City and other artistic centers in the Northeast, including access to outstanding faculty, guest artists and resources;
3. To recruit the highest quality students in the arts disciplines with special emphasis on students from Connecticut;
4. To fulfill the role of the designated "Center for the Arts" of the Connecticut State University System;
5. To attract major funding for student scholarships, student and faculty programming, and endowed faculty chairs;
6. To enhance the cultural life and image of the university;
7. To enhance the cultural life and image of the state and region; and
8. To provide significant experiences in the arts for students in all academic programs across the university.

DEGREE AND RELATED PROGRAMS

The School of Visual and Performing Arts offers the following undergraduate degrees and programs:

Undergraduate Degree Programs

B.A. Art

Options:

- Graphic Design
- Illustration
- Photography
- Studio Art

B.A. Music

B.M. Music

Options:

- Emphasis in Audio and Music Production
- Jazz Studies
- Performance: Vocal and Instrumental

B.S. Music Education (PK-12)

B.A. Musical Theatre

B.A. Theatre Arts

Options:

- Design/Technology
- Theatre Arts Management
- Drama Studies
- Performance

In addition to the undergraduate degree programs listed, the M.F.A. in Visual Arts and the M.S. in Music Education are offered. Please see the current WCSU Graduate Catalog for detailed information.

Admissions

Degree program in music and musical theatre require auditions for admission for all prospective students, including transfer students. Degree programs in art require portfolio review of transfer applicants. Please refer to the department area in this catalog for specific admission procedures and requirements, or contact the Office of Undergraduate Admissions at (203) 837-9000.

Admissions requirements can also be found online.

ART

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Faculty

T. Wells, Chair, *Graphic Design*
D. Cardonsky, *Interim Coordinator MFA, Curatorship, Gallery Studies* (Special Appointment 2012-2013)
M. Portnow, *Painting*
D. Skora, *Graphic Design*
J. Tom, *Illustration*
C. Vanaria, *Photography*

Adjunct Faculty

R. Alberetti, *Painting*
V. Baldasanno, *Painting*
D. Boyajian, *Sculpture*
R. Brewster, *Painting, Printmaking*
S. Bruno, *Painting*
B. Dunbar, *Photography*
M. Grimes, *Painting*
C. Hartman, *Painting*
J. Jones, *Sculpture*
J. Lanzrein, *Ceramics*
T. Laslo, *Graphic Design*
J. Leneker, *Graphic Design*
E. Little, *Painting, Art History*
J. Mueller, *Art History*
S. Marques, *Painting*
P. Nixon, *Painting, Art History*
F. Patnaude, *Sculpture*
K. Scaglia, *Graphic Design*
M. Serao, *Painting*
E. Shapiro, *Photography*

Overview

The Art major at WCSU provides challenging visual arts training within the context of a liberal arts education. This approach infuses in our students a broad, diverse range of knowledge and experience along with the ability to think critically and analytically. Our faculty are professional art practitioners who create engaging and challenging learning environments for our students.

Our curriculum incorporates comprehensive instruction integrated with the development, stimulation and increased awareness of the creative process. This ensures that our Visual Art majors become proficient creative problem solvers capable of freely expressing themselves.

Department of Art faculty are professional practitioners who have close ties with the New York City art world. The Gallery at Higgins Hall serves as a venue for a broad range of professional and student exhibitions, while the Visiting Artist Lecture Series features an impressive array of practitioners. Bus trips provide our students the opportunity to visit galleries and museums in Manhattan each semester.

Mission

Western Connecticut State University's distinctiveness in the visual arts is based on our philosophy. The curriculum incorporates a structure consistent with C.A.A. guidelines, based on classic design principles inspired by the Bauhaus and through exploration of traditional and emerging media. The areas of concentration are Graphic Design, Illustration, Photography and Studio Arts, comprised of Painting and Sculpture. All areas of emphasis share a common two-year foundation program leading into the technical specializations of the final two years. This foundation program is of critical significance as it instills in each student a

comprehensive background in aesthetic form, structure and dynamics. Additionally, our students have the opportunity to participate in professional internships and must participate in the annual Senior Thesis Exhibition.

The liberal arts component is vital; it promotes and develops a set of skills that are of fundamental importance to any citizen and critical for the successful artist or designer. These include the ability to think critically, the development and refinement of verbal and writing skills, and the acquisition of a diverse and extensive visual vocabulary and knowledge base.

This powerful combination of professional artistic training and acquired liberal arts skills enables visual artists to transcend boundaries so that they may successfully develop, create and articulate their creative visual dialogues.

Objectives

The Department of Art provides challenging visual arts training within the context of a liberal arts education including the following goals:

- Acquisition of a comprehensive set of creative, intellectual and technical skills, along with an ability to make connections between them. Students will have an understanding of scale, perspective, tone, color, line, form, light, texture, pattern, balance, and tension.
- Development and creation of a significant body of work along with the ability to understand and evaluate works of art.
- Familiarity with the works and philosophies of major artist/designers and a familiarity with contemporary thinking on art and design.
- Graduating majors participate in the annual Thesis Exhibition, which serves as the capstone event, showcasing implementation of acquired skill sets.

Core Portfolio Review Process

The Portfolio Review Process will be implemented to assure that art majors have attained an appropriate level of proficiency for their area of concentration and to assure that the level of high standards established by the Department of Art is maintained.

- The Portfolio Review Committee shall be comprised of two or more faculty members
- Art majors must submit a portfolio consisting of 12 pieces representing a range of work developed in the entire range of studio foundation courses
- An assessment matrix with ranked categories shall be utilized to assess submitted portfolios (See Department of Art Website for Assessment Matrix)
- The review process occurs for all 1st semester Sophomores prior to the spring semester
- Students must successfully meet the review criteria before admission into concentration level courses
- Students who fail to meet review criteria must meet with the coordinator of their chosen area of concentration to develop a remedial solution

Transfer Admissions

Eligibility of Art credits for transfer shall be determined by the Department of Art on a case-by-case basis. The student shall provide a transcript and course descriptions for eligibility assessment of foundation Art courses for transfer consideration. For concentration-specific courses, the student shall also present a portfolio of work from those courses.

Transfer Review Process

- The Portfolio Review Committee shall be comprised of two or more faculty members
- Transfer students must submit a portfolio consisting of 12 pieces representing a range of work developed in the entire range of studio foundation courses
- An assessment matrix with ranked categories shall be utilized to assess submitted portfolios (See Department of Art Website for Assessment Matrix)
- The review process occurs prior to Art course registration
- Concentration specific courses will be considered for credit transfer with a transcript grade of B- or higher and coursework evidenced in the portfolio. Student must supply course description
- Students must successfully meet the review criteria before admission into concentration level courses
- Students who fail to meet review criteria must meet with the coordinator of their chosen area of concentration to develop a remedial solution

Advanced Placement (AP) Credit

AP credits for Art courses are not accepted by the Department of Art.

Awarding of Credit

Credit Hour: A semester hour of credit is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately 15 weeks;
2. or the equivalent amount of work over a different amount of time;
3. or at least an equivalent amount of work as required in paragraph 1 of this definition for other academic activities as

established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

DEGREE PROGRAMS IN ART

Bachelor of Arts

Options:

- Graphic Design
- Illustration
- Photography
- Studio Art

Minor Programs

- Art
- Photography

BACHELOR OF ARTS IN ART (B.A.)

Requirements:

Students must complete all general education requirements, the courses and credits listed below, and additional free electives to total 122 semester hours, including foreign language and exercise science. Students must earn a minimum “C” grade in each Art department course that counts toward the major. Art courses with grades below “C” must be retaken to satisfy this requirement.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Art Core Required Courses (33 SH)

- ART 100 History and Appreciation of Western Art: Beginnings to the Renaissance
- ART 101 History and Appreciation of Western Art: Renaissance to the Present
- ART 108 Design I
- ART 109 Color I
- ART 111 Drawing I
- ART 152 Photography I
- ART 209 Design II
- ART 211 Drawing II
- ART 217 Etching I*
- ART 219 Lithography I*
- ART 312 Production Processes
- ART 370 Art Portfolio (appropriate to chosen option)

* One of these courses is required to complete Studio Art, Graphic Design or Photography option.

Options (select one) — Required in addition to general education and Art core.

Graphic Design Option (27 SH)

- ART 213 Painting I
- ART 222 Typography
- ART 225 Communication Design I
- ART 275 Illustration I
- ART 305 Illustration II
- ART 311 Advanced Figure Drawing
- ART 325 Communication Design II
- Two art electives (6 SH)

Illustration Option (27 SH)

- ART 213 Painting I
- ART 214 Painting II
- ART 219 Lithography I or ART 217 Etching I
- ART 222 Typography
- ART 275 Illustration I
- ART 305 Illustration II
- ART 311 Advanced Figure Drawing
- ART 328 Illustration III/Animation Production
- One art elective (3SH)

Photography Option (27 SH)

- ART 145 History of Photography
- ART 252 Photography II
- ART 340 Advanced Photographic Methods
- ART 346 Color Photography I
- ART 348 Photography III
- Four art electives (12 SH)

Studio Art Option (27 SH)

- ART 213 Painting I
- ART 311 Advanced Figure Drawing

Choose one sequence (9 SH)

Painting ART 214/313/314, Painting II, III, IV

Printmaking ART 219/217, Lithograph I, Etching I

Sculpture ART 112/212/115, Sculpture I & II, Ceramics

Two directed art electives (6 SH)

Two art electives (6 SH)

LEARNING OUTCOMES

All students pursuing the Bachelor of Arts in Art degree at WCSU will demonstrate the following upon graduation:

In General Education:

1. The ability to think, speak, and write clearly and effectively, and to communicate with precision, cogency, and rhetorical force.
2. An informed acquaintance with the mathematical and experimental methods of the physical and biological sciences, and with the main forms of analysis the historical and quantitative techniques needed for investigating the workings and developments of modern society.
3. An ability to address culture and history from a variety of perspectives.
4. Understanding of, and experience in thinking about, moral and ethical problems.
5. The ability to respect, understand, and evaluate work in a variety of disciplines.
6. The capacity to explain and defend views effectively and rationally.
7. Understanding of and experience in one or more art forms other than the visual arts and design.

Studies in the Visual Arts

1. Acquisition of a comprehensive set of creative, intellectual and technical skills, along with an ability to make connections between them. Students will have an understanding of scale, perspective, tone, color, line, form, light, texture, pattern, balance, and tension.
2. Development and creation of a significant body of work along with the ability to understand and evaluate works of art.
3. Familiarity with the works and philosophies of major artist/designers and a familiarity with contemporary thinking on art and design.

Graduating majors participate in the annual Thesis Exhibition, which serves as the capstone event, showcasing implementation of acquired skill sets.

MINOR IN ART

Eighteen semester hours are required:

ART 100 History & Appreciation of Western Art I

ART 101 History & Appreciation of Western Art II

ART 108 Design I

ART 111 Drawing I

Plus any two 3-credit courses offered by the Department of Art, for which the student has proper prerequisites.

MINOR IN PHOTOGRAPHY

Eighteen semester hours are required:

ART 108 Design I

ART 140 or 152 Introduction to Photography or Photography I

ART 252 Photography II

ART 340 Advanced Photographic Methods

ART 346 Color Photography I

ART 348 Photography III

Any appropriate substitute course must have departmental approval.

MUSIC

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Faculty

J. Begian, Chair, *Coordinator of Jazz Studies*
K. Isaacs, Assoc. Chair, *Graduate Coordinator, Theory and Composition, Choral Ensembles*
M. Astrup, Voice, *Opera Ensemble*
W. Ball, *Coordinator of Music Education*
M. Callaghan, Horn, *Music History, Music Theory*
J. Greene, Assistant Coordinator of Jazz Studies, *Applied Jazz Saxophone, Jazz Improvisation, Jazz Combos, Jazz Ensemble*
C. Ganschow, *Music Education, Choral Ensembles*
R. Hirshfield, Piano, *Music Theory*
F. Jiménez, Trombone, *Conducting, Orchestra, Wind Ensemble, New Music Ensemble*
E. Lewis, Violin, *Chamber Music, Music History*
D. O'Grady, *Coordinator of Music Industry Studies, Music Theory, Music Technology, Musicianship, Music Industry*
D. Smith, *Percussion, Chamber Music*
K. Walker, Flute, *Chamber Music, Music History, Music Education*

Adjunct Faculty

A. Beals, *Frankensax, Jazz Studies, Music History & Appreciation*
C. Chase, *Applied Voice*
R. Clymer, *Applied Trumpet*
C. Cullen, *Applied Clarinet, Chamber Music*
G. Cuffari, *Applied Bassoon, Chamber Music*
C. DeAngelis, *Applied Jazz Bass*
M. Giampietro, *World Music in the Classroom*
K. Huffman, *Applied Voice*
A. Lafreniere, *Applied Classical Guitar*
H. Levinson, *Viola, Chamber Music*
D. Lifton, *Applied Voice*
L. Metcalf, *Evolution of Jazz/Rock Music, Jazz Studies*
C. Mansfield, *Student Teaching Supervision*
R. Mazzacane, *Applied Voice*
C. Morrison, *Applied Jazz Guitar, Jazz Studies*
D. Noland, *Applied Saxophone, Chamber Music*
J. Oviedo, *Applied Saxophone, Chamber Music*
I. Quinn, *Applied Organ**
M. Roberts, *Applied Cello, Chamber Music*
D. Ruffels, *Applied Bass, Jazz Studies*
D. Scott, *Applied Jazz Trumpet, Jazz Studies*
J. Siegel, *Applied Jazz Percussion, Jazz Studies*
M. Snyder, *Applied Oboe, Chamber Music*
P. Tomlinson, *Applied Jazz Piano, Jazz Studies*
R. Weidlich, *Applied Voice*
D. Weisz, *Applied Jazz Trombone, Jazz Studies*
D. Westervelt, *World Music*
G. Winters, *Music Technology*

*Note: Western is no longer accepting Applied Organ students.

Overview

Western Connecticut State University is an accredited institutional member of the National Association of Schools of Music (NASM).

Mission

The Department of Music at Western Connecticut State University is a friendly, vibrant, student-oriented unit in an institution of higher learning that serves as an accessible, responsive and creative intellectual resource for the people and institutions of Connecticut. The faculty and staff of the department strive to meet the educational needs of a diverse student body through instruction, performance, scholarship and public service. Additionally, the department fosters the highest standards of teaching and research in its undergraduate and graduate programs and supports the establishment and continuation of a just and moral society through its own accomplishments, the work of its faculty and staff and the achievements of its graduates.

Goals

The primary goals of the Department of Music are:

- To provide a professional education for Music majors that develops, nurtures, and assures their competency in all aspects of the discipline;
- To encourage development of the creative, intuitive, and intellectual capabilities of students, faculty and audience;
- To provide an education for non-majors that introduces them to the discipline of music through appreciation, performance, and basic skills courses, thus developing an informed group of advocates and affirming that music is an integral part of a classic liberal arts education;
- To provide for and to enrich the cultural and educational life of the campus, city, state, and region through excellence in instruction, research, performance and composition; and
- To support collaborations between music and related disciplines, and to cultivate and apply new approaches to performance, scholarship and education.

Objectives for Music Majors

1. Students will meet standards of musical performance (through applied music studies, ensembles and master classes) in accordance with NASM guidelines.
2. Students will demonstrate competence in content-based areas of music history, theory, pedagogy, music technology and analysis.
3. Students will demonstrate competence in skill-based areas of ear-training/sight-singing, improvisation, composition, keyboard competency and conducting.
4. Additionally, Music Education students will demonstrate competence in planning, instructing and assessing student learning (for PK-12 students).

Admission Auditions for all Music Degree Programs

Students wishing to pursue degree programs in the Department of Music must adhere to the following criteria for admission:

1. Fulfill general admission guidelines found in this catalog for the university, school and department.
2. Perform and pass an audition, in person or through electronic media, for members of the faculty. The student, through this audition, must exhibit the standards and skill sets required for entry into the Department of Music, including:
 - a. The ability to read and interpret standard musical notation.
 - b. The ability to produce an acceptable tone quality on one's instrument or voice commensurate with entrance into the liberal arts program, the Bachelor of Arts (B.A.) or one of two professional degree programs, the Bachelor of Music (B.M.) or the Bachelor of Science (B.S.) at the collegiate level.
 - c. The ability to accurately perform basic fundamentals associated with one's instrument or voice, such as:
 - i. clear and focused tone quality;
 - ii. a clear and precise rhythmic concept;
 - iii. an understanding of the interpretation of musical line;
 - iv. acceptable intonation;
 - v. an understanding of the appropriate style of the selection; and
 - vi. clear and precise articulation/diction.
 - d. The ability to accurately perform repertoire on one's instrument or voice commensurate with entrance into a liberal arts (B.A.) or professional degree program (B.M. or B.S.) at the collegiate level.

3. Take and receive a passing score on a sight-singing/ear-training examination. (This examination will be used for entrance.)

Information regarding audition dates and specific audition requirements for all performance areas may be obtained on the website or by contacting the Department of Music at (203) 837-8350.

Transfer Admissions

All students wishing to transfer into any degree program in music at WCSU must meet the criteria listed above, including those currently attending institutions holding articulation agreements with WCSU. All transfer applicants will be assessed in the areas of applied music, keyboard competency, music history, music theory, and sight-singing/ear-training to determine eligibility for matriculation as well as for transfer credits that may be accepted in individual coursework.

Readmission To all Music Degree Programs

Music majors who withdraw or take a leave of absence from the University must re-audition and pass appropriate placement exams before being re-admitted into their respective degree program. Such exams include music theory, keyboard, sight-singing/ear-training, and music education workshop skills. Additionally, all sophomore barrier requirements may be re-examined. **Note:** Re-admission may be subject to availability of applied studio space.

Advanced Placement (AP) Credit

Credit for AP testing will be accepted as follows:

Grade of 5 on AP Theory Test-MUS 108 Music Theory I
(2 SH)) (matriculated music majors); or
MUS 105 Music Essentials (3 SH) (non-music majors)

Grade of 4 on AP Theory Test-MUS 105 Music Essentials
(3 SH).

Note: The Department of Music recommends taking MUS 108 Music Theory even if AP credit is granted.

Awarding of Credit

Credit Hour: A semester hour of credit is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks;
2. or the equivalent amount of work over a different amount of time;
3. or at least an equivalent amount of work as required in paragraph 1 of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work and other engaged academic time leading toward the award of credit hours.

DEGREE PROGRAMS

Bachelor of Arts in Music

Bachelor of Science in Music Education

Bachelor of Music

Options:

- B.M. in Performance (Vocal and Instrumental)
- B.M. in Jazz Studies
- B.M. Emphasis in Audio and Music Production

Master of Science in Music Education

Information on the Master of Science (M.S.) in Music Education program can be found on the web and in the WCSU Graduate Catalog.

BACHELOR OF ARTS IN MUSIC (B.A.)

This degree is appropriate for students who wish to study music within the broader context of a liberal arts education. Goals for the B.A. in Music include the following:

1. To prepare students for possible careers in music and arts related professions.
2. To increase the student's understanding and appreciation of the arts in relation to society, thus encouraging their lifelong advocacy of the arts.
3. To allow students to maintain an emphasis on music while further exploring other academic interests.
4. To foster intellectual curiosity.
5. To encourage students to seek breadth and variety in their educational pursuits to aid them in securing employment in the ever-changing global economy.

Requirements: Bachelor of Arts in Music

Completion of all general education requirements, the courses and credits listed below and additional free electives to total a minimum of 122 semester hours, including exercise science and foreign language.

- MUS 108, 109 Music Theory I & II
- MUS 113 Convocation, Concert and Recital Repertoire
- MUS 114, 115 Sight Singing/Ear Training I & II
- MUS 125, 126, 225, 226 Keyboard Competency I-IV*

MUS 182, 183 Applied Music (Four semesters)
MUS 208, 209 Music Theory III, IV
MUS 210, 211 Sight Singing/Ear Training III & IV
MUS 230, 231 Music History & Literature I & II
Minimum of four semester hours of performing groups
Music electives (12 semester hours total)

*Keyboard majors substitute MUS 220 and MUS 221 Keyboard Pedagogy I & II for MUS 125, 126, 225, and 226 Keyboard Competency I – IV. *Also note* that MUS 216 Jazz & Commercial Piano I and MUS 217 Jazz and Commercial Piano II may be substituted for MUS 225 Keyboard Comp III and MUS 226 Keyboard Comp IV, respectively.

Course Restrictions

For a complete list of prerequisites, co-requisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Recommended sequence:

First Year

Fall Semester

Writing intensive course
General education course
MUS 108 Music Theory I
MUS 113 Convocation, Concert and Recital Repertoire
MUS 114 Sight Singing/Ear Training I
MUS 125 Keyboard Competency I
MUS 182 Applied Music
Performing groups

Spring Semester

General education: mathematics
Fine arts course (NOT Music)
MUS 109 Music Theory II
MUS 113 Convocation, Concert and Recital Repertoire
MUS 115 Sight Singing/Ear Training I
MUS 126 Keyboard Competency II
MUS 183 Applied Music
Performing groups

Sophomore Year

Fall Semester

General education courses
HUM 110 Moral Issues in Modern Society
MUS 113 Convocation, Concert and Recital Repertoire
MUS 225 Keyboard Competency III
MUS 208 Music Theory III
MUS 210 Sight Singing/Ear Training III
MUS 230 Music History and Literature I
MUS 182 Applied Music
Additional general studies
Performing groups

Spring Semester

General education: lab science
General education course
MUS 113 Convocation, Concert and Recital Repertoire
MUS 209 Music Theory IV
MUS 211 Sight Singing/Ear Training IV
MUS 226 Keyboard Competency IV
MUS 231 Music History and Literature II
MUS 183 Applied Music
Performing groups

BACHELOR OF SCIENCE IN MUSIC EDUCATION (B.S.)

The B.S. in Music Education degree prepares the student to apply for provisional PK-12 certification in the State of Connecticut. The program is designed for students who wish to pursue a career in music education.

The program goals include:

1. To prepare students to become highly skilled teaching professionals.
2. To prepare students to become highly skilled performers on their principal instrument.
3. To give students a comprehensive musical education which includes experiences in traditional ensembles, jazz and contemporary ensembles, conducting, form & analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.

4. To increase students' understanding and awareness of the arts in relation to society, in particular the education system, thereby developing life-long advocates of the arts.

Self-declared Music Education majors must maintain a GPA of 2.8 or higher upon the completion of 30 credits of course work in order to remain a self-declared Education major. Students who fail to meet this requirement will be notified of their candidacy status by the Dean of the School of Visual and Performing Arts. Students must achieve a GPA of 3.0 or higher in order to be accepted into all professional education programs as candidates for teacher certification.

Requirements: Bachelor of Science in Music Education – Certification PK-12

Completion of a minimum of 131 semester hours including the physical education requirement, and requirements in music, music education, and education as specified by course number and title in the eight-semester sequence shown below.

Recommended sequence:

First Year

Fall Semester

MUS 108 Music Theory I
MUS 114 Sight Singing/Ear Training I
MUS 125 Keyboard Composition I ****
MUS 180 Applied Music
MUS 113 Convocation/Recital Repertoire
Large Ensemble
Small Ensemble
Writing intensive course (W)
PSY 100 Introduction to Psychology
MED 206 Introduction to Music Education or MUS 118 Music Technology

Spring Semester

MUS 109 Music Theory II
MUS 115 Sight Singing/Ear Training II
MUS 126 Keyboard Comp. II ****
MUS 181 Applied Music
MUS 113 Convocation, Recital Repertoire
Large Ensemble
Small Ensemble
*** MED 100 Voice Workshop
MED 206 Introduction to Music Education or MUS 118 Music Technology
Math course elective
*HPX 215 Health Issues in School
COM 160, 161, or 162 Communication Skills
HPX 177 Fitness for Life (or Activity Course)

Sophomore Year

Fall Semester

MUS 208 Music Theory III
MUS 210 Sight Singing/Ear Training III
MUS 225 Keyboard Composition III ****
MUS 180 Applied Music
MUS 113 Convocation, Recital Repertoire
Large Ensemble
Small Ensemble
*ED 206 Introduction to Education
MUS 230 Music History & Literature I
*** MED 103 Brass Workshop
HIS 148 or 149 American History to/since 1877

Spring Semester

MUS 209 Music Theory IV
MUS 211 Sight Singing/Ear Training IV
MUS 226 Keyboard Composition IV ****
MUS 181 Applied Music
MUS 113 Convocation, Recital Repertoire
Large Ensemble
Small Ensemble
MUS 231 Music History & Literature II
*** MED 110 Percussion Workshop
*EPY 204 Adolescent Development
Lab science course elective

Junior Year (Professional Program—Part I)

Fall Semester

MUS 317 Form & Analysis
*** MED 102 Woodwinds: Single Reed
MUS 320 Basic Conducting

MUS 390 Applied Music
MUS 113 Convocation, Recital Repertoire
Large Ensemble
Small Ensemble
Social and behavioral science course elective
Humanities course elective

Spring Semester

*** MED 108 Woodwinds: Double Reed
**MED 303 Elementary Music Methods
**MED 304 Elementary Professional Development School Experience
MED 316 Arranging
MED 104 World Music in the Classroom
MUS 321 Choral Conducting OR
MUS 322 Instrumental Conducting
MUS 391 Applied Music
MUS 113 Convocation, Recital Repertoire
Large Ensemble
Small Ensemble
Social & behavioral science course elective
Computer Science or Math course elective

Senior Year (Professional Program—Part II)

Fall Semester

**EPY 405 Introduction to Special Education
**MED 353 Secondary Music Methods
**MED 354 Secondary Professional Development School Experience
*** MED 105 Strings
MUS 390 Applied Music
w/MUS 113 Convocation, Recital Repertoire
Large Ensemble
Small Ensemble
Social and behavioral science course elective
MUS 214 Half Recital (optional, but recommended))

Spring Semester

MED 320 Student Teaching w/MED/ED 340 Assessment of Teaching Strategies

**Minimum grade of “B” required.*

***Students must have been accepted into the Professional Program to register for these courses.*

**** Or other MED workshop course in consultation with adviser.*

***** Keyboard majors substitute MUS 220 and MUS 221 Keyboard Pedagogy I & II for MUS 125, 126, 225, and 226 Keyboard Competency I – IV.*

Special Music Education Requirements:

1. A minimum grade of “C” is required in each of the following courses for all Music Education majors:

MED 100 Voice Workshop
MED 102 Woodwind Workshop: Flute & Single Reeds
MED 103 Brass Workshop
MED 104 World Music in the Classroom
MED 105 String Workshop
MED 108 Woodwind Workshop: Double Reeds
MED 110 Percussion Workshop
MED 206 Introduction to Music Education
MED 303 Elementary Music Methods
MED 304 Elementary Professional Development
MED 316 Arranging
MED 353 Secondary Music Methods
MED 354 Secondary Professional Development School Experience

2. Apply and meet the criteria for professional program acceptance and present a minimum grade of “C” in each of the following courses:

Writing Intensive Course (W)
COM 160, 161 or 162
HIS 148 or HIS 149
PSY 100 Introduction to Psychology
Lab Science 4 SH

3. Apply and meet the criteria for professional program acceptance and present a minimum grade of “B” in each of the following courses:

EPY 204 Adolescent Development in the School

4. Students applying for acceptance into the professional program must have passed the following music courses:

MUS 108, 109 Music Theory I & II
MUS 113, 114 Sight Singing/Ear Training I & II
MUS 125, 126, 225, 226 Keyboard Competency I, II, III & IV
MUS 180, 181 Applied Music (4 semesters)
MUS 208, 209 Music Theory III, IV
MUS 210, 211 Sight Singing, Ear Training III, IV
MED 206 Introduction to Music Education (Must earn a “C” or better)

5. Students applying for acceptance into the professional program must first pass their Sophomore Barrier examination before enrolling in professional program courses. **FAILURE TO PASS THE SOPHOMORE BARRIER EXAM WILL RESULT IN THE STUDENT’S APPLICATION BEING HELD FOR CONSIDERATION UNTIL THE FOLLOWING SEMESTER.**

6. Students applying for acceptance into the Professional Program must adhere to the requirements as set forth in this catalog. (Please refer to the table of contents – *Admission to Western* section.)

- Candidates for the Professional Program in Music must exhibit exemplary leadership and citizenship within the Department of Music (e.g. recital attendance, punctuality, demeanor, willingness to assist colleagues in need of help, etc.)
- Candidates must be active members of the WCSU Student Chapter of the Music Educators National Conference (MENC).
- Candidates must demonstrate a basic understanding of the nature of professional work in their major field and show a genuine interest in teaching. Examples of this include working at summer music camps, volunteering at local schools, and teaching private lessons.

7. Students earning less than a “P” grade in student teaching may be required to complete additional student teaching and/or course work before receiving a recommendation for graduation and certification. Students must present at least a 2.8 cumulative GPA in academic and professional required courses to graduate as a Music Education major.

8. After completing the academic program and successfully completing student teaching, the PRAXIS II examination must be successfully passed. Although not a requirement for graduation, passing scores on the appropriate Praxis II exam are necessary for program completion and subsequent recommendation for certification.

LEARNING OUTCOMES

Bachelor of Arts in Music

As per NASM standards and the stated goals for this degree, students enrolled in the Bachelor of Arts in Music degree program are expected to acquire the following competencies in General Education, Musicianship, and Performance prior to graduation.

1. General Education

1. The ability to communicate clearly with others through various means, including speaking, writing, and gesture.
2. The acquisition of a fundamental understanding of mathematics and physical, biological, and computer sciences as they relate to modern society.
3. The ability to form and defend opinions based on an informed knowledge of culture and history.
4. The ability to form and defend opinions based on an informed knowledge of moral and ethical philosophies.
5. The acquisition of a fundamental understanding of how to work out problems in a variety of disciplines in a volatile global society.
6. The capacity to respect and defend views effectively and rationally.
7. The acquisition of experiences in the multi-disciplinary nature of the arts and humanities through the study of diverse cultural elements.

2. Musicianship

1. Students will exhibit a functional knowledge of the rudiments of music, including rhythm, melody, harmony, structure, timbre, and texture.
2. Students will show an understanding of musical notation and the ability to read and realize standard musical notation at a functional level.
3. Students will demonstrate a basic knowledge of the processes of composition, improvisation, and how they relate to the spectrum of music in a variety of styles and cultures.
4. Students will exhibit a broad knowledge of music history and literature, including music of diverse cultures.
5. Students will show the ability to develop opinions related to music and the arts and to be able to defend rationally these judgments to professionals and laypersons.

3. Performance and Music Electives

1. Students will demonstrate performance ability on their major instrument at a level that allows for artistic growth and continuous improvement throughout their chosen career.

2. Students will exhibit the capacity to realize a variety of musical styles.
3. Students will demonstrate knowledge and/or skills in one or more areas of music beyond basic musicianship.

BACHELOR OF MUSIC (THREE DEGREE OPTIONS)

BACHELOR OF MUSIC: EMPHASIS IN AUDIO AND MUSIC PRODUCTION (B.M.)

This degree option is designed for students wishing to pursue a career in audio and music production. Many students who choose this option continue their studies at the graduate level and in various professional programs in their specific area. The degree is not an audio engineering degree, but a music degree that provides a well-rounded education in all aspects of production including recording, mixing, sound design, arranging, and scoring.

Goals for the B.M. Emphasis in Audio and Music Production degree option include:

1. To give students comprehensive capabilities in the basic techniques of audio recording and mixing, studio sound, acoustics, copyright law, music theory, aural skills, arranging, composition, and improvisation necessary to succeed in the music audio production industry.
2. To provide students with instruction and performing experiences on their principal instrument which will inform their ability to solve technical and artistic problems in the preparation of live performances, recordings, or other media for various purposes and in various musical genres and settings.
3. To provide students with an understanding of administrative structures and practices associated with music organizations as well as of entrepreneurship and the history of the music industry.
4. To give students a comprehensive musical education which includes experiences in traditional ensembles, jazz and contemporary ensembles, conducting, form & analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.
5. To prepare students for the academic rigor and professional performance level required for advanced study at the graduate level.
6. To increase the student's understanding and awareness of the arts in relation to society, thus developing lifelong advocates of the arts.

Requirements: B.M. Emphasis in Audio and Music Production

Completion of a minimum of 123 semester hours in general education, the exercise science requirements, and the requirements applying to the specific major within the degree as outlined in the official program sheet, available from the student's adviser.

Required music courses in this degree program are:

MUS 108, 109 Music Theory I, II
 MUS 112 Jazz Theory
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 114, 115 Sight Singing/Ear Training I, II
 MUS 118 Music Technology
 MUS 119 Music Industry Studies
 MUS 125, 126 Keyboard Competency I, II
 MUS 180, 181 Applied Music (Four semesters)
 MUS 208, 209 Music Theory III, IV
 MUS 216, 217 Jazz and Commercial Piano I, II
 MUS 230, 231 Music History and Literature I & II
 MUS 240 Survey of Recording Technology
 MUS 320 Basic Conducting
 MUS 340 Audio Production I
 MUS 341 Audio Production II
 MUS 345 Copyright, Licensing, Music Publishing
 MUS 370 Music Industry Practicum
 MUS 380 Senior Capstone Project/Recital
 MUS 390, 391 Applied Music (Four semesters)

Recommended sequence:

First Year

Fall Semester

Writing Intensive Course
 General Education Course
 MUS 108 Music Theory I
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 114 Sight Singing/Ear Training I
 MUS 125 Keyboard Competency I
 MUS 180 Applied Music
 Performing groups

Spring Semester

Mathematics
General education course
MUS 109 Music Theory II
MUS 113 Convocation, Concert and Recital Repertoire
MUS 115 Sight Singing/Ear Training
MUS 118 Music Technology
MUS 126 Keyboard Competency II
MUS 181 Applied Music
Performing groups

Sophomore Year

Fall Semester

MUS 113 Convocation, Concert and Recital Repertoire
MUS 119 Music Industry Studies
MUS 208 Music Theory III
MUS 210 Sight Singing/Ear Training III
MUS 216 Jazz and Commercial Piano I
MUS 230 Music History and Literature I
MUS 180 Applied Music
Additional general studies
Performing groups

Spring Semester

MUS 113 Convocation, Concert and Recital Repertoire
MUS 209 Music Theory IV
MUS 211 Sight Singing/Ear Training IV
MUS 217 Jazz and Commercial Piano II
MUS 231 Music History and Literature II
MUS 240 Survey of Recording Technology
MUS 181 Applied Music
Additional general studies
Performing groups

BACHELOR OF MUSIC IN PERFORMANCE (B.M.): VOCAL OR INSTRUMENTAL

This degree option is designed for students who wish to pursue a performing and/or private teaching career in music. Many students who choose this option continue their studies at the graduate level and participate in various professional programs in their specific area.

Goals for the B.M. in Performance degree option include:

1. To prepare students to become highly skilled performers on their principal instrument, thus providing them with the potential to succeed in a highly competitive field.
2. To give students a comprehensive musical education which includes experiences in traditional ensembles, jazz and contemporary ensembles, conducting, form & analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.
3. To prepare students for careers as private music teachers.
4. To prepare students for the academic rigor and professional performance level required for advanced study at the graduate level.
5. To increase the student's understanding and awareness of the arts in relation to society, thus developing lifelong advocates of the arts.

Requirements: B.M. in Performance

Completion of a minimum of 125 (instrumental) or 127 (vocal) semester hours in general education, the exercise science requirements, and the requirements applying to the specific major within the degree as outlined in the official program sheet, available from the student's adviser.

Required music courses in this degree program are:

MUS 103 World Music
MUS 108, 109 Music Theory I & II
MUS 113 Convocation, Concert and Recital Repertoire
MUS 114, 115 Sight Singing/Ear Training I, II
MUS 118 Music Technology
MUS 125, 126 Keyboard Competency I, II
MUS 186, 187 Applied Music (Four semesters)
MUS 208, 209 Music Theory III, IV
MUS 210, 211 Sight Singing/Ear Training III, IV
MUS 214 Half Recital

MUS 225, 226 Keyboard Competency III, IV
 MUS 230, 231 Music History & Literature I, II
 MUS 317 Music Form & Analysis
 MUS 318 Music Technology
 MUS 320 Basic Conducting
 MUS 321 Choral Conducting or MUS 322 Instrumental Conducting
 MUS 380 Senior Capstone Project/Recital
 MUS 392, 393 Applied Music (Four semesters)
 Repertoire courses in applied field (2)
 Music history era course (1)
 Six hours minimum electives with departmental approval

Recommended sequence:

First Year

Fall Semester

Writing intensive course
 General education course
 MUS 108 Music Theory I
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 114 Sight Singing/Ear Training I
 MUS 125 Keyboard Competency I *
 MUS 186 Applied Music
 Performing groups

Spring Semester

General education: mathematics
 General education course
 MUS 109 Music Theory II
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 115 Sight Singing/Ear Training I
 MUS 126 Keyboard Competency II *
 MUS 187 Applied Music
 Performing groups

Sophomore Year

Fall Semester

General education courses (2)
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 118 Music Technology
 MUS 208 Music Theory III
 MUS 210 Sight Singing/Ear Training III
 MUS 225 Keyboard Competency III *
 MUS 230 Music History and Literature I
 MUS 186 Applied Music
 Performing groups

Spring Semester

General education: lab science
 General education course
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 209 Music Theory IV
 MUS 211 Sight Singing/Ear Training IV
 MUS 226 Keyboard Competency IV *
 MUS 231 Music History and Literature II
 MUS 187 Applied Music
 Performing groups

* Keyboard majors substitute MUS 220 and MUS 221 Keyboard Pedagogy I & II for MUS 125, 126, 225, and 226 Keyboard Competency I – IV.

BACHELOR OF MUSIC IN JAZZ STUDIES (B.M.)

This degree option is designed for students wishing to pursue a performing and/or teaching career in jazz and commercial music. Many students who choose this option continue their studies at the graduate level and in various professional programs in their specific area. Goals for the B.M. in Jazz Studies degree option include:

1. To prepare students to become highly skilled performers on their principal instrument, thus giving them the potential to succeed in a highly competitive field.
2. To give students the requisite skills in theory, arranging, composition, and improvisation necessary to succeed in the industry.
3. To give students a comprehensive musical education which includes experiences in traditional ensembles, jazz and contemporary ensembles, conducting, form & analysis, music history, music of diverse cultures, pedagogy, music technology, composition, improvisation and professional development.

4. To prepare students for careers as private music teachers.
5. To prepare students for the academic rigor and professional performance level required for advanced study at the graduate level.
6. To increase the student's understanding and awareness of the arts in relation to society, thus developing lifelong advocates of the arts.

Requirements: B.M. in Jazz Studies

Completion of a minimum of 127 semester hours in general education, the exercise science requirements, and the requirements applying to the specific major within the degree as outlined in the official program sheet, available from the student's adviser.

Required music courses in this degree program are:

MUS 108, 109 Music Theory I, II
 MUS 112 Jazz Theory
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 114, 115 Sight Singing/Ear Training I, II
 MUS 118 Music Technology
 MUS 125, 126 Keyboard Competency I, II
 MUS 186, 187 Applied Music (4 Semesters)
 MUS 208, 209 Music Theory III, IV
 MUS 214 Half Recital
 MUS 216, 217 Jazz and Commercial Piano I, II
 MUS 230, 231 Music History and Literature I & II
 MUS 235, 236 Jazz Improvisation I, II
 MUS 311 History of Jazz
 MUS 314 Jazz Arranging
 MUS 315 Jazz Pedagogy
 MUS 318 Music Technology
 MUS 320 Basic Conducting
 MUS 380 Senior Capstone Project/Recital
 MUS 392, 393 Applied Music (4 semesters)

Recommended sequence:

First Year

Fall Semester

Writing Intensive Course
 General Education Course
 MUS 108 Music Theory I
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 114 Sight Singing/Ear Training I
 MUS 125 Keyboard Competency I
 MUS 186 Applied Music
 Performing groups

Spring Semester

Mathematics
 General education course
 MUS 109 Music Theory II
 MUS 113 Convocation, Concert and Recital Repertoire
 MUS 115 Sight Singing/Ear Training I
 MUS 126 Keyboard Competency II
 MUS 187 Applied Music
 Performing groups

Sophomore Year

Fall Semester

MUS 113 Convocation, Concert and Recital Repertoire
 MUS 118 Music Technology
 MUS 208 Music Theory III
 MUS 210 Sight Singing/Ear Training III
 MUS 216 Jazz and Commercial Piano I
 MUS 230 Music History and Literature I
 MUS 235 Jazz Improvisation I
 MUS 186 Applied Music
 Additional general studies
 Performing groups

Spring Semester

MUS 113 Convocation, Concert and Recital Repertoire
 MUS 209 Music Theory IV
 MUS 211 Sight Singing/Ear Training IV
 MUS 217 Jazz and Commercial Piano II

LEARNING OUTCOMES COMMON TO ALL PROFESSIONAL DEGREE PROGRAMS IN MUSIC

(B.S. in Music Education, B.M. Emphasis in Audio and Music Production, B.M. in Jazz Studies, B.M. in Performance-Vocal Emphasis, B.M. in Performance-Instrumental Emphasis)

As per NASM Standards and the stated purposes of the Department of Music, students enrolled in professional baccalaureate degree programs in music are expected to acquire the following competencies in *General Studies*, *Performance*, *Musicianship*, *Composition/Improvisation*, *History/Repertory*, and *Synthesis* prior to graduation.

1. General Studies

1. The ability to communicate clearly with others through various means, including speaking, writing, and gesture.
2. The acquisition and demonstration of a fundamental understanding of basic principles beyond music that is relevant to functioning in a modern society, such as those in the arts and humanities, mathematics, the natural and physical sciences, and the social sciences.
3. The ability to exhibit a functional awareness of the differences and commonalities regarding work in artistic, scientific, and humanistic domains.
4. The ability to form and defend opinions based on an informed knowledge of moral and ethical philosophies.
5. The acquisition and demonstration of a fundamental understanding of how to work out problems in a variety of disciplines in a volatile global society.
6. The capacity to respect and defend views effectively and rationally.
7. The acquisition of experiences in the multi-disciplinary nature of the arts and humanities through the study of diverse cultural elements.
8. The ability to identify possibilities and locate information in other fields that have bearing on musical questions and endeavors.

2. Performance

1. The ability to interpret and perform standard repertoire appropriate to one's instrument or voice with skill and artistic fluency commensurate with a professional in their chosen field;
2. The ability to read music at sight at a level of proficiency commensurate with a professional in their chosen field;
3. The ability to exhibit sound technical fundamentals on one's instrument, including embouchure, bow technique, breathing, scales, arpeggios, rudiments, and diction, where appropriate;
4. The ability to perform music of various time periods in the appropriate style;
5. The ability to utilize the keyboard as a means for harmonic, melodic, and formal support to one's chosen area of specialization;
6. The ability to serve in a leadership role throughout the entire performance process including as a conductor, chamber musician, and pedagogue; and
7. The ability to perform as a collaborative musician at a professional level, exhibiting artistic and technical skills necessary to be successful in their chosen area of specialization.

Specific to the B.M. in Jazz Studies

1. Thorough knowledge of, and fluency reading, analyzing, and composing music utilizing the melodic, harmonic and rhythmic values associated with jazz and contemporary idioms.
2. Ability to recognize standard chord progressions and formal structures aurally and to be able to create coherent improvisations and compositions based on these elements and formal structures.

3. Musicianship Skills and Analysis

1. Thorough knowledge of, and fluency reading, analyzing and composing diatonic and chromatic music of the common practice period. Application of 20th century music study through score study, including analysis and composition of twelve-tone works, demonstrating fluency writing music using the prime, inversion, retrograde and retrograde-inversion forms;
2. Ability to take rhythmic and melodic aural dictation at a level that supports musical and artistic development in the area of specialization;
3. Knowledge of musical formal structures and processes as it relates to analysis, performance and pedagogy according to their area of specialization; and,
4. Broad knowledge of historical, cultural and stylistic contexts as well as a more intricate knowledge related to the area of specialization.

Specific to the B.M. Emphasis in Audio and Music Production

1. Thorough knowledge of, and fluency reading, analyzing and composing music utilizing the melodic, harmonic and rhythmic values associated with jazz and contemporary idioms.

Specific to the B.M. in Jazz Studies

1. Thorough knowledge of, and fluency reading, analyzing and composing music utilizing the melodic, harmonic and rhythmic values associated with jazz and contemporary idioms.
2. Ability to recognize standard chord progressions and formal structures aurally and to be able to create coherent improvisations and compositions based on these elements and formal structures.

4. Composition and Improvisation

1. Students are expected to develop a functional foundation in composition and improvisation that will provide the basis for further study throughout the course of their lives.

Specific to the B.M. Emphasis in Audio and Music Production

1. Students shall be able to exhibit composition and arranging skills specific to the process of producing live performances as well as analog and digital media.

Specific to the B.M. in Jazz Studies

1. Students will demonstrate the ability to simultaneously incorporate the idiomatic language of jazz and their own musical directions in all performance and composition situations.
2. Students will show evidence of progress in mastering the idiomatic jazz language and individual progress in developing a unique voice as an improviser.

5. History and Repertory

1. Students are expected to exhibit significant knowledge of the history and repertoires according to their respective areas of specialization through the present time as well as a basic understanding of music of diverse cultures.
2. All members of performance groups in all areas are expected to do basic discographic research into repertoire studied so as to gain an understanding the breadth of interpretation for most works.

6. Synthesis

1. Students enrolled in professional baccalaureate degree programs, by the end of undergraduate study, are expected to exhibit the ability to work on musical problems by combining, as appropriate to the issue, their capabilities in performance; aural, verbal, and visual analysis; composition/improvisation; and history and repertory.

ADDITIONAL LEARNING OUTCOMES BY DEGREE PROGRAM

Bachelor of Science in Music Education

1. Music Competencies

As per NASM standards and the stated goals for this degree, students enrolled in the Bachelor of Science in Music Education degree program are expected to acquire the following essential musical competencies upon graduation:

1. Students are expected to show competence in conducting and musical leadership, including the ability to read scores, transpose parts, communicate musical ideas through the use of gesture and technique, and ascertain and solve musical problems;
2. Students are expected to develop arranging skills sufficient to adapt music from a variety of sources for various functions and ensembles;
3. Students are expected to exhibit functional performance abilities in keyboard and voice in addition to instruments appropriate to the teaching specialization; and
4. Students are expected to gain the ability to apply analytical, musicological, and performing skills to curriculum development and lesson planning.

2. Specialization Competencies

As per NASM standards and the stated goals for this degree, students enrolled in the Bachelor of Science in Music Education degree program are expected to acquire the following essential specialization competencies in general music, choral music and instrumental music upon graduation:

General Music

1. Students are expected to exhibit musicianship, vocal, and pedagogical skills sufficient to teach general music;
2. Students are expected to exhibit knowledge of content methodologies, philosophies, materials, technologies, and curriculum development for general music; and

3. Students are expected to exhibit the ability to lead performance-based instruction.

Vocal/Choral Music

1. Students are expected to exhibit vocal pedagogical skill sufficient to teach effective use of the voice;
2. Students are expected to exhibit knowledge of content methodologies, philosophies, materials, technologies, and curriculum development for vocal/choral music; and
3. Students are expected to show ability sufficient to use at least one instrument as a teaching tool.

Instrumental Music

1. Students are expected to exhibit knowledge of and performance ability on wind, string, and percussion instruments sufficient to teach beginning students effectively in groups; and
2. Students are expected to exhibit knowledge of content methodologies, philosophies, materials, technologies, and curriculum development for instrumental music.

Bachelor of Music Emphasis in Audio and Music Production

Students in the B.M. Emphasis in Audio and Music Production degree will be expected to acquire the following essential competencies in the area of Music Industry Studies and Recording Technology/ Audio Production upon graduation, based on the stated purposes of the degree:

1. Studies in Music, Business, Music Industry

1. Understanding of the overall function and structure of the music industry.
2. Basic understanding of copyright law, publishing, contracts, and licensing.
3. Understanding of administrative structures and practices associated with music organizations.
4. Functional knowledge of computer and technological applications in the music industry.
5. Acquaintance with approaches and means to professional development, including job-seeking strategies, and interview techniques.
6. Understanding of entrepreneurship and history of the music industry.

2. Studies in Recording Technology

1. Comprehensive capabilities in the basic techniques of audio recording, audio engineering, and studio sound, including but not limited to microphone theory and technique, knowledge of other peripheral equipment, and the ability to solve technical and artistic problems in the preparation of recordings for various purposes and in various settings.
2. Fundamental knowledge of recording equipment and practice and the ability to apply this knowledge in recording situations. This includes but is not limited to equipment calibration, alignment, and testing, and studio set-up for various types of recordings in various professional settings.
3. Aural skills sufficient to make accurate and viable recording decisions associated with various applications and proper functioning of equipment.
4. Ability to develop specific recordings of professional quality from concept to technical and artistic process to finished work.

Bachelor of Music in Jazz Studies

1. Essential Competencies, Experiences, and Opportunities

Expected Levels of Achievement

As per NASM standards and the stated goals for this degree, students enrolled in the Bachelor of Music in Jazz Studies degree program are expected to acquire the following essential competencies upon graduation:

1. Students are expected to develop and demonstrate comprehensive capabilities in various jazz idioms, including the ability to perform, improvise, compose, arrange and score; and knowledge of jazz history and literature, including the cultural sources and influences of jazz;
2. Students will demonstrate the ability to work as a performer and composer/arranger with a variety of jazz and studio music idioms in various settings and with various sizes and types of ensembles, including the ability to produce the appropriate expressive style of the music being created or presented;
3. Students will exhibit a fundamental knowledge of pedagogical principles in various aspects of jazz education, including improvisation, conducting and arranging/composing.

Bachelor of Music in Performance-Instrumental Emphasis

1. Essential Competencies, Experiences, and Opportunities

Expected Levels of Achievement

As per NASM standards and the stated goals for this degree, students enrolled in the Bachelor of Music in Performance-Instrumental Emphasis degree program are expected to acquire the following essential competencies upon graduation:

1. Comprehensive capabilities in the major performing medium including the ability to work independently to prepare

performances at the highest possible level;

2. Knowledge of applicable solo and ensemble literature to be successful in the area of specialization; and
3. Exhibit a fundamental knowledge of pedagogical principles according to their specialization.

Bachelor of Music in Performance-Vocal Emphasis

1. Essential Competencies, Experiences, and Opportunities

Expected Levels of Achievement

As per NASM standards and the stated goals for this degree, students enrolled in the Bachelor of Music in Performance-Vocal Emphasis degree program are expected to acquire the following essential competencies upon graduation:

1. Comprehensive capabilities in the major performing medium including the ability to work independently to prepare performances at the highest possible level;
2. Knowledge of applicable solo and ensemble literature to be successful in the area of specialization;
3. Exhibit a fundamental knowledge of pedagogical principles according to their specialization; and
4. Develop functionality in at least one foreign language, with the ability to use proper diction in English, French, German, and Italian.

MINOR IN MUSIC

To be considered for admission to the minor program at Western, a student must be enrolled in an academic major other than music and must formally audition for the Department of Music. An average GPA of 2.30 in all minor courses must be maintained to fulfill the requirements of the minor. Forms for applying for this minor area of study can be obtained in the Office of the Dean of the School of Visual and Performing Arts, Higgins Annex, Room 105, or in the Office of the Department of Music, White Hall, Room 128. Please contact the Department of Music at 203-837-8350 to schedule an audition. Audition information is available online.

MUS 108, 109 Music Theory I & II (2-2)	4 SH
MUS 114, 115 Sight Singing/Ear Training I, II (2-2)	4 SH
MUS 230, 231 Music History & Literature I, II (3-3)	6 SH
MUS 182, 183 Applied Music (1-1)	2 SH
Music Performance Ensembles (.5-.5)	2 SH
Total Credits	18 SH

- A completed "Minor in Music Application Form" (available in the Office of the Department of Music, White Hall 128) must be submitted to the Department of Music Chair.
- Upon successful completion of the requirements listed above, the student must notify the Registrar's Office that this minor should be included on his/her official transcript.

MUS 113, Convocation, Concert and Recital Repertoire

All music students are required to enroll in MUS 113, Convocation, Concert and Recital Repertoire. MUS 113 meets each Monday and Wednesday at noon in Ives Concert Hall or designated studio performance areas. Students are required to attend no fewer than 80 percent of all recitals and 100 percent of all master classes. In addition, students are required to attend five additional concerts during each semester. Programs from these concerts are to be turned in at the end of each semester during juries.

Piano Proficiency

All students enrolled in the B.S. in Music Education, B.M. in Performance (vocal and instrumental), B.M. in Jazz Studies, B.M. Emphasis in Audio and Music Production, or B.A. in music programs must complete piano proficiency requirements in their area as follows:

Bachelor of Science in Music Education: MUS 125, 126; MUS 225, 226; and/or pass Piano Proficiency Exam

Bachelor of Music in Performance: MUS 125, 126; MUS 225, 226; and/or pass Piano Proficiency Exam

Bachelor of Music in Jazz Studies/ Bachelor of Music: Emphasis in Audio Production: MUS 125, 126; MUS 216, 217; and/or pass Piano Proficiency Exam

Bachelor of Arts in Music: MUS 125, 126; MUS 225/216, 226/217; or pass Piano Proficiency Exam

Juries

All students enrolled in applied music courses are required to present a jury at the end of each semester, unless they are presenting a degree recital or a Sophomore Barrier at the end of the semester in question. (Students performing degree recitals will be assessed for sight-reading and scale/rudiment proficiency only at their jury.) Students must fill out a jury assessment form

with complete information regarding repertoire studied during each semester of study. Jury assessment forms are available in the Department of Music Office. Completed jury assessment forms, with faculty observations and comments, as well as video and/or audio recordings of the assessment are available for student review in the Department of Music Office in the semester immediately following each jury.

Sophomore Barrier Jury

All students enrolled in the B.S. in Music Education, the B.M. in Audio and Music Production, the B.M. in Performance, or the B.M. in Jazz Studies programs must pass a Sophomore Barrier Jury on their major instrument/voice, as well as pass proficiency examinations in keyboard competency and sight-singing. Students will also be evaluated for professionalism as exhibited over the course of the first four semesters.

Passing of the Sophomore Barrier Jury and proficiency examinations in keyboard competency and sight-singing is required prior to enrollment in upper-division applied music courses (MUS 390/391; MUS 392/393). The musicianship portion of the exam will take place after the successful completion of four semesters of musicianship courses (theory, keyboard competency, sight-singing/ear-training). The performance portion of the jury will take place after successful completion of four semesters of applied music on the student's major instrument. The musicianship and performance portions of the exam will be administered consecutively on the same jury exam day.

Students may take their Sophomore Barrier Jury if the following criteria have been met:

1. Passing grade in four semesters of 100-level applied music as required for the student's major (BS or BM).
2. Passing grade in four semesters of Music Theory (MUS 108, 109, 208, 209).
3. Passing grade in four semesters of Sight Singing and Ear Training (MUS 114, 115, 210, 211).
4. Passing grade in four semesters of Keyboard Competency (BS, BM Performance: MUS 125, 126, 225, 226); (BM Jazz Studies/BM Emphasis in Audio & Music Production: MUS 125, 125, 216, 217).
5. Passing grade in four semesters of MUS 113, Convocation, Concert and Recital Repertoire.

Note: Students may attempt the Sophomore Barrier a second time if unsuccessful the first time. Both portions of the Sophomore Barrier exam (Performance and Musicianship) must be taken at the second attempt even if one section was already deemed satisfactory. Failure to pass the Sophomore Barrier a second time will preclude a student from continuing in the chosen degree program. Should a student fail the exam a second time, the Department of Music will send notification of a change of the major to a Bachelor of Arts in Music. The student may also select a different major in another department. A student who receives 3 marginal grades in the General Musicianship Skills & Professionalism section of the Barrier on their *second* attempt but also receives a unanimous grade of satisfactory in the separately labeled Professionalism area may, in consultation with the chair, petition for a third and final Barrier hearing. The Professionalism area will be an evaluation of a student's classroom attendance, reliability, leadership, and overall deportment.

Specific Sophomore Barrier Requirements (Minimum)

Sophomore Barrier Exam Jury. Students are assessed for competency in sight singing and ear training as well as keyboard skills prior to advancement to upper-division applied study and coursework. Students are required to exhibit the following skills at the musicianship portion of the Sophomore Barrier Jury, to be taken at the end of their fourth semester of study:

- a. Achievement in sight-singing at an acceptable level (e.g., sing examples from *Music for Sight-Singing* by Robert Ottman, ex 8.1 – 8.11 or similar).
- b. Harmonize and play a simple song on the piano (selected by the faculty) in three keys of the students choosing.
- c. Harmonize a melody on the piano at sight using diatonic chords I IV and V (i, iv and v).
- d. Transpose instrumental parts on the piano, playing in concert pitch. (BS Instrumental including Jazz Instruments, BS Vocal, BM Instrumental).
- e. Students in the Jazz Studies and Audio/Music Production areas are required to demonstrate basic keyboard knowledge including the ability to perform a 12-bar blues melody and chord progression in all 12 keys and a prepared jazz standard with proper drop-2 voicings, etc.
- f. Students in the Bachelor of Music-Vocal Emphasis degree program will demonstrate the ability to prepare a piece of vocal music within three days (Three-Day Piece) and read text in another language (Italian, German, etc.).

Professionalism

The Professionalism area will be an evaluation of a student's classroom attendance, reliability, leadership, and overall deportment. A student who receives 3 marginal grades in the General Musicianship Skills & Professionalism section of the Barrier on their *second* attempt but also receives a unanimous grade of satisfactory in the separately labeled Professionalism area may, in consultation with the chair, file a petition with the full-time faculty for a third and final Barrier hearing.

Applied Music Courses

Applied music courses are open to students enrolled in a Music degree program (B.A., B.M., B.S.) or the Music minor. All students must pass an entrance audition. Please see the Department of Music Student Handbook or go to <http://www.wcsu.edu/music/audition.asp> for specific requirements for entrance auditions prior to enrolling in any music degree program. Students may register for lessons on their major instrument/voice only as defined in their degree program as follows:

- a. **Bachelor of Arts.** MUS 181, 182 (4 Semesters) 1 SH Credit. Students enrolled in the Bachelor of Arts in Music degree program receive 12 half-hour lessons per semester, plus an additional 6 hours of classroom instruction as a part of MUS 113 Convocation, Concert and Recital Repertoire. Students are expected to spend a minimum of three (3) additional hours of practice time per week in preparation for their applied lesson.

b. **Bachelor of Science in Music Education.** MUS 180, 181 (4 Semesters); MUS 390, 391 (3 Semesters) 2 SH Credit. Students enrolled in these degree programs receive 12 one-hour lessons per semester, plus an additional 6 hours of classroom instruction as a part of MUS 113 Convocation, Concert and Recital Repertoire. Students are expected to spend a minimum of six (6) additional hours of practice time per week in preparation for their applied lesson.

c. **Bachelor of Music: Emphasis in Audio and Music Production.** MUS 180, 181 (4 Semesters); MUS 390, 391 (4 Semesters) 2 SH Credit. Students enrolled in these degree programs receive 12 one-hour lessons per semester, plus an additional 6 hours of classroom instruction as a part of MUS 113 Convocation, Concert and Recital Repertoire. Students are expected to spend a minimum of six (6) additional hours of practice time per week in preparation for their applied lesson.

d. **Bachelor of Music in Performance** MUS 186, 187 (4 Semesters); MUS 392, 393 (4 Semesters) 3 SH Credit. Students enrolled in this program receive 12 one-hour lessons per semester, plus an additional 6 hours of classroom instruction as a part of MUS 113 Convocation, Concert and Recital Repertoire. Students are expected to spend a minimum of nine (9) additional hours of practice time per week in preparation for their applied lesson.

e. **Bachelor of Music in Jazz Studies** MUS 186, 187 (4 Semesters); MUS 392, 393 (4 Semesters) 3 SH Credit. Students enrolled in this degree program receive 12 one-hour lessons per semester, plus an additional 6 hours of classroom instruction as a part of MUS 113 Convocation, Concert and Recital Repertoire. Students are expected to spend a minimum of nine (9) additional hours of practice time per week in preparation for their applied lesson.

Applied lessons are scheduled with the applied instructor either prior to or during the first week of classes. Applied instructor assignments are made by the Department Chair in consultation with each area's applied instructors. A listing of applied lesson assignments is available in the Department of Music Office.

It is the responsibility of the student to contact the faculty member in the case of an unavoidable conflict with the scheduled lesson time. Faculty members are obligated to provide make-up lessons only in the case of verifiable excuse or absence by the faculty member.

Students in the BM degree programs may request secondary (minor) applied music lessons in their Junior year. Approval for secondary lessons is granted on a case-by-case basis by the Department Chair. Students must show evidence of exemplary performance ability on their primary instrument to be considered for secondary applied lessons.

Each student will keep a studio notebook that will include lesson information and assignments, pedagogical feedback from Master Classes and information from Convocation. The notebooks will be checked at the Sophomore Barrier Exam and again at the final jury exam during Senior year.

All students taking applied music lessons pay the following fees:

- Applied Music \$150 – \$500 per course, per semester.

Secondary Applied Lessons

Students enrolled in the B.S. in Music Education, the B.M. in Audio and Music Production, the B.M. in Performance and the B.M. in Jazz Studies degree programs may enroll in a secondary applied area during their Junior year. To enroll in a secondary applied area, the student must:

- A. Pass the Sophomore Barrier Jury on their major instrument or voice.
- B. Exhibit an exemplary academic and performance record with a minimum GPA of 3.0.
- C. Obtain approval from the primary applied instructor, as well as from the applied instructor of the secondary area.
- D. Obtain administrative approval from the Department Chair.

Note: Students taking a secondary instrument may enroll in MUS 182/183 for a maximum of four semesters. They are subject to the additional fee of \$100 for a half-hour lesson.

Recital Requirements

Students in all music programs must present at least one performance each semester at the Monday and Wednesday recitals and/or master classes. Compliance is monitored by area coordinators in jazz studies, brass and percussion, woodwinds, keyboard and strings, and voice. Failure to perform in at least one recital or master class in a given semester will result in the lowering of the final grade in Applied Music by one letter grade.

Half Recital

Students in the B.M. in Performance and B.M. in Jazz Studies programs must present a half-hour recital during their Junior year. Recital repertoire is selected after careful consultation with the student's applied instructor. A pre-recital hearing must be performed at least four weeks prior to the recital. Please refer to the Department of Music Student Handbook for further information concerning proper procedures for the half recital.

Senior Capstone Project/Recital

Students in the B.M. in Performance and B.M. in Jazz Studies programs must present an hour-long recital during their Senior year. For students in the B.M. Emphasis in Audio and Music Production option, completion of their capstone project consists of the production of a large-scale project such as a self-produced CD, film score, multimedia production, etc. Recital and project repertoire/content is selected after careful consultation with the student's applied instructor. A pre-recital hearing or capstone project pre-screening must occur at least four weeks prior to the event or presentation of the final project. Please refer to the

Department of Music Student Handbook for further information concerning proper procedures for the capstone project/full recital.

Note: Any B.S. in Music Education major wishing to present a half recital may register for the half recital. Typically, B.S. Music Education students present a half recital during the last semester of applied music study. B.S. Music Education students must conform to the requirements for half recitals as specified in the Department of Music Student Handbook and provide documentation of at least three solo performances during their time of study at the MUS 113 Convocation in order to be considered eligible for the half recital.

ENSEMBLE REQUIREMENTS BY DEGREE

WCSU Ensembles

MUS 191 Symphonic Band
MUS 192 Orchestra
MUS 195 Concert Choir
MUS 280 Wind Ensemble
MUS 281 Opera Ensemble
MUS 282 Guitar Ensemble
MUS 283 Jazz Guitar Ensemble
MUS 287 Saxophone Quartet
MUS 288 Woodwind Quintet
MUS 289 Chamber Jazz
MUS 290 Chamber Percussion
MUS 291 Chamber Strings
MUS 292 Chamber Brass
MUS 293 Chamber Woodwinds
MUS 294 Chamber Singers
MUS 296 Jazz Ensemble
MUS 297 Clarinet Quartet
MUS 388 Frankensax
MUS 396 Jazz Orchestra
MUS 397 New Music Ensemble

Major Ensembles

Decided by audition and advisement. The following list outlines the major and secondary ensemble requirements by degree and instrument. The first line indicates major ensemble requirements followed by the secondary/chamber ensemble requirements.

Bachelor of Arts in Music

Voice	eight semesters of 195
Percussion	eight semesters of 191, 192, 195, 280, 289, 290, 296, 388, 396 and/or 397
Woodwind	eight semesters of 191, 192, 195, 280, 287, 288, 289, 293, 296, 388, 396 and/or 397
Brass	eight semesters of 191, 192, 195, 280, 289, 292, 296, 396 and/or 397
Piano	four semesters of 195 combination of 2 SH of MUS 170-173 Piano Accompanying I & II
Guitar	eight semesters of 282
String	eight semesters of 191, 192, 280, 289, 291, 296, 396 and/or 397

Bachelor of Science in Music Education

Voice	seven semesters of 195 five semesters of 281, 294 and/or others
Percussion	seven semesters of 191, 192, 280 and/or 397 three semesters of 289, 290, 296, 388, 396 and/or 397 two semesters of 195
Woodwind	seven semesters of 191, 192, 280 and/or 397 three semesters of 287, 288, 289, 293, 296, 297, 388, 396 and/or 397 two semesters of 195
Brass	seven semesters of 191, 192, 280 and/or 397 three semesters of 289, 292, 296, 396 and/or 397 two semesters of 195
Piano/	seven semesters of 195 two semesters of 170-173 Piano Accompanying one semester of 170-173 Piano Accompanying and/or others
Guitar/Jazz	seven semesters of 191, 192, 195, 280, 282, 283, 289, 296, 396 and/or 397
Guitar	three semesters of 282, 283, 289, 294, 296, 396 and/or 397 two semesters of 195
String	seven semesters of 191, 192, 280 and/or 397 three semesters of 291 two semesters of 195

Bachelor of Music: Emphasis in Audio and Music Production
Major Ensemble-Decided by Audition and Advisement

Bachelor of Music in Performance

Voice	eight semesters of 195 six semesters of 281 two semesters of others
Percussion	eight semesters of 191, 192, 280 and/or 397 six semesters of 290 two semesters of 195
Woodwind	eight semesters of 191, 192, 280 and/or 397 six semesters of 287, 288, 289, 293, 297, 388 and/or 397 two semesters of 195
Brass	eight semesters of 191, 192 and/or 280 six semesters of 292 two semesters of 195
Piano	eight semesters of 195 combination of 4 SH of MUS 170-173 Piano Accompanying and others
Guitar	eight semesters of 282 six semesters of others two semesters of 195
String	eight semesters of 191, 192, 280 and/or 397 six semesters of 291 two semesters of 195

Bachelor of Music in Jazz Studies

Major Ensemble-Decided by Audition and Advisement

Jazz Guitar	eight semesters of 283, 289, 296 and/or 396 six semesters of 282, 283, 289, 388 and/or 397 two semesters of 195
Jazz Piano	eight semesters of 289, 296 and/or 396 six semesters of 191, 192, 280, 289, 388 and/or 397 two semesters of 195
Jazz Woodwind	eight semesters of 289, 296 and/or 396 two semesters of 191, 192, 280 and/or 397 four semesters of 287, 288, 289, 293, 297, 388 and/or 397 two semesters of 195
Jazz Brass	eight semesters of 289, 296 and/or 396 two semesters of 191, 192, 280, and/or 397 four semesters of 289, 292 and/or 397 two semesters of 195
Jazz Percussion	eight semesters of 289, 296 and/or 396 two semesters of 191, 192, 280 and/or 397 four semesters of 289, 290, 388 and/or 397 two semesters of 195
Jazz String	eight semesters of 289, 296 and/or 396 two semesters of 191, 192, 280 and/or 397 four semesters of 289, 291, 388 and/or 397 two semesters of 195

Performance ensembles at WCSU are designed to give music students a wide variety of performing experiences. Students are encouraged to perform in as many different ensembles as their schedules will allow. Full-time Music majors must perform in a major ensemble, according to their voice/instrument, every semester. Ensemble credit in excess of the minimum will be applied as elective credit. Additional ensemble requirements are outlined in the program sheets of each degree program. Auditions for major ensembles and chamber ensembles are held during the first week of classes. Students are placed in ensembles appropriate to their ability/experience level. The student's personal schedule, including work-related conflicts, is not a factor in ensemble placement. Any student who fails to meet their major ensemble obligations due to personal or work-related schedule conflicts will be required to take the ensemble an additional semester before graduation.

Use of WCSU Department of Music Facilities

Persons who use the music facilities at Western Connecticut State University must be registered students in the Department of Music at WCSU. Students must obtain proper identification from the Public Safety office at WCSU. Faculty, staff, and security officers are authorized to ask individuals to see their current and valid WCSU ID. Damage or vandalism of property belonging to the university or others is prohibited and may require restitution as well as subject persons responsible to disciplinary and/or legal action.

Building Hours / After Hours Access

White Hall is open Monday to Friday from 8 a.m. to 1 a.m.; Saturday from 8 a.m. to 12 noon, and closed on Sundays. Music students may be put on an access list to use the practice room areas after hours and on the weekends. Students who wish to be on

the access list must see the Department of Music Secretary. Your WestConnect card will allow access to the quad side door of White Hall.

Electronic Devices

The Department of Music adheres to a strict policy regarding the use of electronic devices (e.g. cell phones, pdas, digital music players, etc.). Use of such devices during concerts, recitals, rehearsals and classes is strictly prohibited. Students found texting, tweeting, faxing, or participating in other such activities will be asked to leave the premises and will forfeit their enrollment in the ensemble or class for the semester.

Audio and Video Recording

The audio and video recording of concerts, rehearsals and classes is strictly prohibited without authorization from the Department Chair. The posting of audio and video files on such web sites as YouTube, MySpace and Facebook is strictly prohibited in accordance with international copyright law.

THEATRE ARTS

Pamela McDaniel, Chair

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Faculty

P. McDaniel, Chair, *Acting, Directing*
F. Herbert, *Technical Direction, Lighting, Children's Theatre, Play Production*
E. Popiel, *Costume Design, Set Design, Scenic Art, Puppetry, Theatre Design Fundamentals*
S. Trapani, *Acting, Directing, Children's Theatre, Production and Performance, Theatre History*

Adjunct Faculty

S. Cally, *Lighting Design*
T. Cuffari, *Musical Direction*
J. Dardenne, *Scenic Design*
J. Draghi, *Choreographer*
R. Ercole, *Acting*
S. Harris, *Director*
J. Johns-Lerner, *Costume Technology*
A. Jones, *Director, Choreographer*
L. Jordan, *Costume Design*
H. Kilik, *Musical Direction*
D. Lifton, *Applied Voice*
S. Maresca, *Costume Design*
J. Mason, *Introduction to the Theatre*
E. Parkinson, *Musical Theatre-Dance*
K. Sosbe, *Asst. Technical Director*
A. Stanley Leonard, *Theatre Arts Management*

Overview

The Department of Theatre Arts provides a strong theoretical and practical approach to the study of the art and craft of theatre. Students who major in Theatre Arts prepare for graduate studies and/or careers directly related to performance, design/technology, management and dramaturgy. Students also combine theatre studies with other majors and/or minors such as Music, Art and Media, to enhance work opportunities within the entertainment industry.

In addition to its academic functions, the department serves the campus and community by offering diverse theatrical performances including, musicals, traditional plays, and plays for children. Connections to the greater theatre community are promoted through sponsorship of professional training workshops and performances of guest artists.

Our proximity to New York City (one hour to mid-town Manhattan) gives us an opportunity to make excellent use of its vast resources. The theatre faculty maintains close ties with professional organizations, activities and research facilities within the area, and opportunities are regularly planned to introduce students to the professional environment.

Mission

The theatre department keeps consistent with the university's mission to serve as an accessible and responsive intellectual resource for the people and institutions of Connecticut. The department provides a thorough, modern education in the theory, skills and technology of theatre production and performance that is tailored to the individual student's background and career objectives.

The department believes in fostering a diverse student environment with an emphasis on professionalism and a commitment to excellence.

Objectives

To accomplish this mission the Department of Theatre Arts:

- Offers its students the highest quality undergraduate programs in performance, theory, theatre technology and design by professors that have worked professionally in their field and maintain high academic credentials in their respective areas.
- Emphasizes performance and production techniques, writing and theatre management throughout the undergraduate curriculum to develop students' ability to understand and deliver appropriate performance and theoretical concepts and to apply and utilize these techniques in a professional setting.
- Provides studio and theatrical experiences using public and classroom productions to entertain live audiences. Our season each year consists of two main stage productions, two large-scale children's shows, studio productions, and a variety of

workshops and readings which enhance the cultural environment of the university and its programs.

- Organizes a residency of our students in New York for a week to perform off-Broadway, take workshops, visit network television and theatrical venues and meet theatre professionals.
- Organizes opportunities for students to perform off-campus at such venues as the Edinburgh International Theatre Festival in Scotland and at the Kennedy Center American College Theatre Festival.
- Provides a personalized learning environment for students through faculty mentored undergraduate research/creative projects and internships.
- Prepares students for graduate education in multiple areas of theatre arts and the entertainment industry.
- Assists students in discerning appropriate careers through diligent advising.
- Provides students with connections and references to professional organizations (such as USITT), internship programs and job placement opportunities.
- Arranges for New York theatre professionals to travel to our campus to conduct workshops in all aspects of theatre training.
- Provides and fosters the growth and development of faculty by encouraging research, attendance at professional meetings, publication and presentation of scholarly work and creative performance.
- Collaborates with organizations and institutions in all areas of the entertainment industry within the tri-state area to support professional growth of faculty as well as internship opportunities for students.
- Expresses its strong commitment to the community by collaborating with regional elementary, junior and senior high school educators to further our programs in children's theatre.

Transfer Admissions

All students wishing to transfer into any degree program in theatre at WCSU must meet the criteria listed for each program, including those currently attending institutions holding articulation agreements with WCSU. All applicants will be assessed in the areas of their selected option for matriculation and appropriate prerequisite placement in courses within the major.

Awarding of Credit

Credit Hour: A semester hour of credit is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately 15 weeks;
2. Or the equivalent amount of work over a different amount of time;
3. Or at least an equivalent amount of work as required in paragraph 1 of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

DEGREE PROGRAMS IN THEATRE ARTS

BACHELOR OF ARTS

Theatre Arts with options in:

Design/Technology
theatre Arts Management
Drama Studies
Performance

BACHELOR OF ARTS

Musical Theatre

MINOR PROGRAM

Theatre Arts

BACHELOR OF ARTS IN THEATRE ARTS (B.A.)

This degree is appropriate for students who wish to study theatre within the broader context of a liberal arts education and to emphasize areas of concentration such as performance, design/technology, theatre arts management or drama studies. Students are encouraged to explore breadth and variety in their educational pursuits to enhance their understanding of the world around them and to give them greater career versatility as a graduate.

1. To develop understanding and practice of theatre arts by focusing on the verbal, physical, visual and research aspects of the craft.
2. To understand script analysis in order to develop an understanding of the relationship of production process to the period and style, content and structure of a script.
3. To provide exposure to a wide variety of theatre repertory through the study of the history of theatre, its major dramatists, attending performances, and through the production of a variety of theatre works.
4. To prepare students for entry-level positions in theatre performance, design and/or technology, theatre arts management and other entertainment industry-related fields, as well as, for continuation with graduate studies, and/or teaching.

5. To encourage students to explore breadth and variety in their educational pursuits to enhance their understanding of the world around them and to give them greater career versatility as a post-graduate.

Requirements:

Students must complete all general education requirements, the courses and credits listed below by option and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science.

Student Standing

Students must maintain an overall GPA of 2.0, with 2.5 in courses used to satisfy major requirements. Courses with grades lower than "C" will not be accepted as meeting the requirements for the major.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Major Core Requirements (37 SH):

THR 181 Acting I: An Introduction
THR 182 Technical theatre I
THR 202 Technical theatre II
THR 279 History of theatre
THR 283 Stage Design or THR 383 Methods of Scenic Art and Craft
THR 284 Costume & Makeup
THR 289 Children's theatre Practicum or THR 390 Play Production
THR 300 theatre Production Lab — (1 SH for 7 semesters)
THR 386 Directing I
THR 387 Production & Performance Lab
THR 490 Senior Portfolio — theatre Arts

Options (select one) — Required in addition to general education and theatre arts core.

Design/Technical Option (15 SH)

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
Math placement course	THR 181 Acting I
Writing placement course	ART 100 or 101
THR 182 Tech I	THR 300 Speech Activity
THR 300 Speech Activity	2 to 3 Gen Ed courses
1 to 2 Gen Ed courses	

Second Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 202 Tech II	THR 289 Children's theatre <i>or</i> THR 390 Play Production
THR 279 theatre History	THR 383 Methods of Scenic Art & Craft
THR 284 Costume & Makeup	THR 300 Speech Activity
THR 300 Speech Activity	
ENG 107W Intro to Drama	
WI	
Gen Ed course	

Third Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 283 Stage Design	THR 386 Lighting
Design/Tech option elective	Design/Tech option elective
THR 300 Speech Activity	THR 300 Speech Activity
THR 387 Production & Performance Lab	2 Gen Ed courses
2 Gen Ed courses	1 elective course

Fourth Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 382 Directing I	THR 490 Senior Portfolio
Design/Tech option elective	4 elective courses

THR 300 Speech Activity
3 elective courses

Theatre Arts Management Option (15 SH)

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
Math placement course	HUM 102 Art & Experience <i>or</i> ART 206 Philosophy of Art
Writing placement course	THR 182 Tech I <i>or</i> THR 181 Acting I
THR 182 Tech I <i>or</i> THR 181 Acting I	THR 300 Speech Activity
THR 300 Speech Activity	PSY 100 Intro to Psychology
1 to 2 Gen Ed courses	2 Gen Ed courses

Second Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 202 Tech II	THR 289 Children's Theatre <i>or</i> THR 390 Play Production
THR 279 theatre History	THR 300 Speech Activity
THR 284 Costume & Makeup	MGT 102 Intro to Business
THR 300 Speech Activity	2 to 3 Gen Ed courses
ENG 107W Intro to Drama WI	
1 Gen Ed course	

Third Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 283 Stage Design <i>or</i> THR 383 Methods of Scenic Arts & Crafts	MKT 301 Principles of Marketing
COM 310 Business & Professional Speaking	MIS 260 Information Systems Concepts
THR 387 Production & Performance Lab	THR 300 Speech Activity
THR 300 Speech Activity	2 Gen Ed courses
2 Gen Ed courses	1 elective course

Fourth Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 382 Directing I	THR 490 Senior Portfolio
Management elective	4 elective courses
THR 300 Speech Activity	
3 elective courses	

Drama Studies Option (15 SH)

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
Math placement course	THR 182 Tech I <i>or</i> THR 181 Acting I
Writing placement course	THR 284 Costume & Makeup
THR 182 Tech I <i>or</i> THR 181 Acting I	THR 300 Speech Activity
THR 300 Speech Activity	2 to 3 Gen Ed courses
1 to 2 Gen Ed courses	

Second Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 202 Tech II	THR 289 Children's Theatre <i>or</i> THR 390 Play Production

THR 279 theatre History	THR 300 Speech Activity
THR 300 Speech Activity	ENG 307W Shakespeare I
ENG 107W Intro to Drama WI	2 to 3 Gen Ed courses
2 Gen Ed courses	

Third Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 283 Stage Design <i>or</i> THR 383 Methods of Scenic Arts & Crafts	THR 244W Playwriting
ENG 308W Shakespeare II	THR 300 Speech Activity
THR 387 Production & Performance Lab	2 to 3 Gen Ed courses
THR 300 Speech Activity	1 elective course
2 Gen Ed courses	

Fourth Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 382 Directing I	THR 490 Senior Portfolio
Drama Studies elective	4 elective courses
THR 300 Speech Activity	
3 elective courses	

Performance Option (15 SH)

First Year

<i>Fall Semester</i>	<i>Spring Semester</i>
Math placement course	THR 182 Tech I
Writing placement course	THR 150 Performance Techniques
THR 181 Acting I	THR 300 Speech Activity
THR 300 Speech Activity	2 to 3 Gen Ed courses
1 to 2 Gen Ed courses	

Second Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 202 Tech II	THR 260 Voice and Diction
THR 279 theatre History	THR 289 Children's Theatre <i>or</i> THR 390 Play Production
THR 300 Speech Activity	THR 300 Speech Activity
ENG 107W Intro to Drama WI	2 to 3 Gen Ed courses
HPX 150 Dance Workshop	
1 Gen Ed course	

Third Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 382 Directing I	THR 388 Acting III
THR 284 Costume and Makeup	THR 283 Stage Design <i>or</i> THR 383 Methods of Scenic Arts & Crafts
THR 300 Speech Activity	THR 300 Speech Activity
HPX 177 Lecture and Modern Dance	2 to 3 Gen Ed courses
1 Gen Ed course	
1 elective course	

Fourth Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 387 Production & Performance Lab	THR 490 Senior Portfolio

Performance option elective 4 elective courses
THR 300 Speech Activity
3 elective courses

LEARNING OUTCOMES

As per NAST standards and the stated goals for this degree, students enrolled in the Bachelor of Arts in Musical Theatre degree program are expected to demonstrate the following competencies upon graduation:

General Education

1. The ability to think, speak, and write clearly and effectively, and to communicate with precision, cogency, and rhetorical force.
2. An informed acquaintance with the mathematical and experimental methods of the physical and biological sciences, and with the main forms of analysis the historical and quantitative techniques needed for investigating the workings and developments of modern society.
3. An ability to address culture and history from a variety of perspectives.
4. Understanding of, and experience in thinking about, moral and ethical problems.
5. The ability to respect, understand, and evaluate work in a variety of disciplines.
6. The capacity to explain and defend views effectively and rationally.
7. Understanding of and experience in one or more art forms other than theatre.

Theatre Studies

1. An understanding and practice of theater arts by focusing on the verbal, physical, visual and research aspects of the craft.
2. The fundamentals of script analysis in order to develop an understanding of the relationship of production process to the period and style, content and structure of a script.
3. An acquaintance with a wide variety of theater repertory through the study of the history of theater, its major dramatists, attending performances, and through the production of a variety of theater works.
4. Evidence of preparation of the skills necessary to compete for entry-level positions in theater performance, design and/or technology, theater arts management and other entertainment industry related fields, as well as, for continuation with graduate studies, and/or teaching.
5. The ability to develop and defend informed judgments about theatre.

Theatre Studies

1. An understanding and practice of theater arts by focusing on the verbal, physical, visual and research aspects of the craft.
2. The fundamentals of script analysis in order to develop an understanding of the relationship of production process to the period and style, content and structure of a script.
3. An acquaintance with a wide variety of theater repertory through the study of the history of theater, its major dramatists, attending performances, and through the production of a variety of theater works.
4. Evidence of preparation of the skills necessary to compete for entry-level positions in theater performance, design and/or technology, theater arts management and other entertainment industry related fields, as well as, for continuation with graduate studies, and/or teaching.
5. The ability to develop and defend informed judgments about theatre.

Musical Theatre Studies

1. Vocal production and techniques sufficient to present complete roles in full productions.
2. Vocal interpretation and role preparation skills that enable understanding and performance of roles in a wide variety of styles and formats.
3. Musicianship, keyboard competency, and analytic skills.
4. Theater skills, acting competence, script analysis, stage movement, voice and diction for the actor, auditioning techniques and related physical skills such as modern dance, ballet and jazz.
5. Understanding of basic production elements such as make-up, costume, sets and props, and lighting.
6. Knowledge of the musical theater canon, along with its history and development within the theater.
7. Portfolio preparation of musical and non-musical material for auditions and/or graduate school.

BACHELOR OF ARTS IN MUSICAL THEATRE (B.A.)

This degree offers students knowledge of and training in all aspects of musical theatre within a liberal arts context in order to compete for employment opportunities in the entertainment industry where musical talent is utilized. Students will develop the following skills:

1. Vocal production and techniques sufficient to present complete roles in full productions.

2. Vocal interpretation and role preparation skills that enable understanding and performance of roles in a wide variety of styles and formats.
3. Musicianship, keyboard competency, and analytic skills.
4. Theatre skills, acting competence, script analysis, stage movement, voice and diction for the actor, auditioning techniques and related physical skills such as modern dance, ballet and jazz.
5. Understanding of basic production elements such as make-up, costume, sets and props, and lighting.
6. Knowledge of the musical theatre canon, along with its history and development within the theatre.
7. Portfolio preparation of musical and non-musical material for auditions and/or graduate school.

Admission Auditions for Musical Theatre Degree Program

Students wishing to pursue a degree in Musical theatre in the Department of theatre Arts must adhere to the following criteria for admission:

1. Fulfill general admission guidelines found in this catalog for the university, school and department.
2. Perform and pass an audition, in person, for members of the faculty. The student, through this audition, must exhibit the standards and skill sets required for entry into the Musical Theatre program, including:
 - a. The ability to accurately perform with accompaniment 16 bars of an up-tempo and 16 bars of a ballad vocal selections.
 - b. The ability to perform a ½ minute to 1 minute monologue portraying a character close to the age of the individual auditioning.
 - c. The ability to learn and perform a short dance phrase that demonstrates movement skills.
 - d. To receive a passing score on a sight-singing/ear-training examination.
 - e. To take a music theory examination. (This examination is used for placement only.)

Information regarding audition dates and specific audition requirements can be found online or by contacting the Department of Theatre Arts at (203) 837-8250.

Requirements:

Students must complete all general education requirements, the courses and credits listed below by option and additional free electives to total a minimum of 122 semester hours, including foreign language and exercise science.

Student Standing

Students must maintain an overall GPA of 2.0, with 2.5 in courses used to satisfy major requirements. Courses with grades lower than “C” will not be accepted as meeting the requirements for the major.

Course Restrictions

For a complete list of prerequisites, corequisites and other restrictions for all courses, please consult the Course Description section of this catalog.

Major Core Requirements (54 SH):

THR 150 Performance Techniques: Integration of Voice & Movement
 THR 181 Acting I: An Introduction
 THR 182 Technical theatre I
 THR 260 Voice and Diction
 THR 279 History of the theatre
 THR 281 Acting II: Characterization, Theory and Practice
 THR 284 Costume & Makeup
 THR 300 Speech Activity (1 SH for 5 semesters)
 THR 370 Cabaret Performance
 THR 371 Musical theatre Workshop
 THR 388 Acting III: Period Styles
 THR 490 Senior Portfolio
 MUS 108 Music Theory I
 MUS 182/183 Applied Voice (1 SH for 6 semesters)
 MUS 114/155 Sight-singing/Ear-training I and II
 MUS 125/126 Keyboard Competency

Choose 3 SH from the following:

THR 255 Performance Techniques: Pantomimic Dramatization
 THR 285 Body Movement and Mime
 THR 387 Production and Performance Lab
 THR 389 Auditioning Techniques
 THR 390 Play Production
 THR 402 Honors Seminar in Theatre Arts

Musical theatre Studies:

First Year

Fall Semester

Spring Semester

Math placement course	THR 182 Tech II
Writing placement course	THR 150 Performance Techniques
THR 181 Acting I	MUS 183U Applied Voice
THR 377 Musical Theatre Workshop	MUS 126 Keyboard Competency
MUS 182U Applied Voice	THR 300 Speech Activity
MUS 125 Keyboard Competency	2 Gen Ed courses <i>or</i> 1 Gen Ed course and MUS 105 Music Essentials
THR 300 Speech Activity	
1 Gen Ed course	

Second Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MUS 108 Music Theory	MUS 115 Sight singing/ear training II
MUS 114 Sight singing/ear training I	MUS 183U Applied Voice
MUS 182U Applied Voice	THR 150 Performance Techniques
THR 279 theatre History	THR 300 Speech Activity
THR 300 Speech Activity	THR 281 Acting II
ENG 107W Intro to Drama WI	2 Gen Ed courses
HPX 150 Dance Workshop	

Third Year

<i>Fall Semester</i>	<i>Spring Semester</i>
THR 284 Costume and Makeup	THR 388 Acting III
MUS 182U Applied Voice	MUS 183U Applied Voice
HPX 177 Lecture and Modern Dance	THR 370 Cabaret Performance
2 to 3 Gen Ed courses	2 to 3 Gen Ed courses

Fourth Year

<i>Fall Semester</i>	<i>Spring Semester</i>
MUS 100 History & Apprec of Music	THR 490 Senior Portfolio
Performance elective	4 elective courses
3 electives courses	

Minor in theatre

Eighteen semester hours in theatre which must include at least 12 semester hours above the 100-level. Emphasis must be on Theatre Arts.

ART

Note: Independent trips to major museums and galleries in New York City are required for all art courses. All students taking Studio Art courses are assessed a \$50 fee per course.

ART 100 History and Appreciation of Western Art: Beginnings to the Renaissance 3 SH

This survey traces the development of Western art from prehistoric times to the art of the Renaissance. Trips to major museums in New York are required at student's expense. Fall semester. *General Education: Humanities/Fine Arts.*

ART 101 History and Appreciation of Western Art: Renaissance to the Present 3 SH

Western art's development from the Renaissance to the present is covered in this survey. Trips to major museums in New York are required at student's expense. Spring semester. *General Education: Humanities/Fine Arts.*

ART 108 Design I 3 SH

An introduction to the vocabulary essential for all work in visual communication. Composition, line, mass, volume, texture, surface, balance, tone, space, scale, etc., and the relationships between various components are investigated through personal practice (6 studio hrs). *General Education: Humanities/Fine Arts Studio.*

ART 109 Color I 3 SH

The course covers characteristics, relationships and theories of color. Spring semester (6 studio hrs). Prerequisite: ART 108. *General Education: Humanities/Fine Arts Studio.*

ART 111 Drawing I 3 SH

An exploration of the ways of looking and drawing, using forms from nature, still life, and the human figure as subject matter. Also, development of drawing from imagination. Varied but simple materials, such as pencil, charcoal, pen, brush and ink, pastels, chalks and crayons, will be used on different kinds of paper (6 studio hrs). *General Education: Humanities/Fine Arts Studio.*

ART 112 Sculpture I 3 SH

An introductory course in all fields of sculpture. Students work in clay, plaster and wire construction. The course includes use of welding equipment for metal sculpture, carving in wood and stone. Students may also select material with which they wish to work. Discussion of cultural styles from past to present with illustrated slide lectures is also included (6 studio hrs). Prerequisite: ART 108 and ART 111. *General Education: Humanities/Fine Arts Studio.*

ART 115 Ceramics 3 SH

An introduction to the use of the potter's wheel as well as hand building and sculpting techniques in clay, with emphasis on the study of functional and nonfunctional form, texture and simple decoration. Preliminary work in clay preparation, glazing and firing (6 studio hrs). *General Education: Humanities/Fine Arts Studio.*

ART 140 Introduction to Photography 3 SH (for non-art majors)

Basic photographic techniques in camera handling, film exposure, lighting, composition, darkroom and display. 35 mm camera required (4 studio hrs). *General Education: Humanities/Fine Arts Studio.*

ART 145 History of Photography 3 SH

A survey of the development of photography as a medium of documentation, communication and artistic expression. *General Education: Humanities/Fine Arts.*

ART 152 Photography I 3 SH

The aesthetics of photographic image-making and its relationship to other image-making media. The course covers the basic skills of black and white photography. Emphasis is placed on the individual's development of expression. A 35mm (manually operated) camera required. This course is for Art majors and Photography minors (6 studio hrs). Prerequisite: ART 108. (6 studio hrs) *General Education: Humanities/Fine Arts Studio.*

ART 209 Design II 3 SH

A studio course dealing with the principles of three-dimensional forms. A variety of materials, such as paper, cardboard, plaster, clay, papier-mâché, wood or metals, may be used (6 studio hrs). Prerequisite: ART 109. *General Education: Humanities/Fine Arts Studio.*

ART 211 Drawing II 3 SH

This course concentrates on developing the individual's powers of graphic imagery through sustained drawing in figure drawing, portrait, landscape, still life and imagination problems and exercises. Special emphasis will be on the figure. A required course for graphic communications. Frequent individual and class critiques (6 studio hrs). Spring semester. Prerequisite: ART 111. *General Education: Humanities/Fine Arts Studio.*

ART 212 Sculpture II 3 SH

A continuation of Sculpture I. Designed to develop technical skills and techniques. Emphasis is on advanced sculptural expression and awareness of three-dimensional form through various mediums (6 studio hrs). Prerequisite: ART 112. *General Education: Humanities/Fine Arts Studio.*

ART 213 Painting I 3 SH

This course explores the painting mediums — oil, water, tempera, collage — and develops the individual's power of expression in creative painting. Some research and study of contemporary modes of expression are included (6 studio hrs). Prerequisite: ART 108, ART 109 and ART 211. *General Education: Humanities/Fine Arts Studio.*

ART 214 Painting II 3 SH

Continuation and extension of ART 213 Painting I with emphasis on individual development (6 studio hrs). Prerequisite: ART 213. *General Education: Humanities/Fine Arts Studio.*

ART 217 Etching I 3 SH

Includes work in the intaglio media. Emphasis will be on the direct methods: i.e., etching, aquatint, soft ground, and may include direct methods such as burin engraving and dry point. Black and white printing from intaglio metal plates will be stressed (6 studio hrs). *Prerequisite:* ART 108 and ART 211. **General Education: Humanities/Fine Arts Studio.**

ART 218 Etching II 3 SH

Continuation and extension of ART 217 with emphasis on individual development (6 studio hrs). *Prerequisite:* ART 217. **General Education: Humanities/Fine Arts Studio.**

ART 219 Lithography I 3 SH

A course in the planographic process. Emphasis on drawing and designing from still life, figure and photographs. Exploration of the linear form as well as tonal value and texture in the designing of lithographs. Emphasis on black and white printing from stones (6 studio hrs). *Prerequisite:* ART 108 and ART 211. **General Education: Humanities/Fine Arts Studio.**

ART 220 Lithography II 3 SH

An advanced course in lithography (technical) including the study of color lithography. Visits to print and drawing exhibitions are encouraged (6 studio hrs). *Prerequisite:* ART 219. **General Education: Humanities/Fine Arts Studio.**

ART 221 Printmaking 3 SH

An introduction to the different forms of printmaking. This course explores various aspects of relief printing, engraving, etching and planographic techniques. Students are encouraged to visit print collections when possible (6 studio hrs). *Prerequisite:* ART 108, ART 111 and ART 211 or permission of instructor. **General Education: Humanities/Fine Arts Studio.**

ART 222 Typography 3 SH

A focus on the fundamentals of typography. Development of an appreciation for, and an understanding of letterforms along with the ability to manipulate type with increased knowledge and sensitivity. Both theoretical and practical applications will be explored. Fall semester (6 studio hrs). *Prerequisite:* ART 209 and ART 211. **General Education: Humanities/Fine Arts Studio.**

ART 225 Communication Design I 3 SH

An introduction to the fundamentals of graphic design problem-solving with an emphasis on concept. Students will be exposed to a variety of graphic design problems formulated to foster self reliance and encourage personal creative growth (6 studio hrs). *Prerequisite:* ART 222. **General Education: Humanities/Fine Arts Studio.**

ART 252 Photography II (for Art majors) 3 SH

An exploration of the materials and processes of black and white photography, emphasizing application through darkroom techniques and studio lighting. Students are expected to have their own 35 mm camera (6 studio hrs). *Prerequisite:* ART 140 or ART 152. **General Education: Humanities/Fine Arts Studio.**

ART 265 Watercolor 3 SH

This course is designed to offer the graphic design, illustration and painting major an understanding of the watercolor medium. Various techniques and approaches in the use of watercolor will be investigated and explored by the student, with emphasis on the medium's usage in graphic design, illustrating and painting. Museum and gallery visits will be included when possible. Critiques are an essential part of the course (6 studio hrs). *Prerequisite:* ART 109, ART 111 and ART 211. **General Education: Humanities/Fine Arts Studio.**

ART 275 Illustration I 3 SH

This course deals with creating illustrations and developing an illustrational vocabulary. The direct relationship among concept, technique and execution in creating an illustration will be given special emphasis (6 studio hrs). *Prerequisite:* ART 209, ART 211 and ART 213. **General Education: Humanities/Fine Arts Studio.**

ART 298 Faculty Developed Study 1–6 SH

ART 299 Student Developed Study 1–6 SH

ART 305 Illustration II 3 SH

Emphasis on long-term intensive projects focusing on specific areas (techniques or subject matter) of interest to student. Under advisement of the professor, the student will work towards the development of an individual illustration style and preparation of a professionally-competitive illustration portfolio (6 studio hrs). *Prerequisite:* ART 275. **General Education: Humanities/Fine Arts Studio.**

ART 311 Advanced Figure Drawing 3 SH

An intensive workshop in drawing and painting from the figure. Students will develop their individual visual awareness and perception of the figure in terms of forms, color, movement, structure and anatomy as it relates to the artist (6 studio hrs). *Prerequisite:* ART 211. **General Education: Humanities/Fine Arts Studio.**

ART 312 Production Processes 3 SH

An introduction to the myriad techniques, processes and equipment by which designed visual communication pieces are produced and printed (6 studio hrs). *Prerequisite:* ART 209 and ART 211. **General Education: Humanities/Fine Arts Studio.**

ART 313 Painting III 3 SH

A continuation of Painting II designed to further develop personal concepts, technical skills and techniques. Emphasis is on concepts related to figure, landscape and nonobjective paintings. Museum and gallery visits are mandatory. Individual/group critiques are integral to this course (6 studio hrs). *Prerequisite:* ART 214. **General Education: Humanities/Fine Arts Studio.**

ART 314 Painting IV 3 SH

A continuation of Painting III with assignments oriented toward the individual student's personal interests and direction. A focus on one area of subject matter or technique should be developed in anticipation of the intensive concentrations which will be expected in portfolio (6 studio hrs). Fall semester. *Prerequisite:* ART 313. **General Education: Humanities/Fine Arts Studio.**

ART 322 Sculpture III 3 SH

A continuation of Sculpture II designed to further develop personal concepts and technical skills. Museum and gallery visits required. Individual critiques are an essential part of this course. *Prerequisite:* ART 212. **General Education: Humanities/Fine Arts Studio.**

Arts Studio.

ART 323 Sculpture IV 3 SH

A continuation of Sculpture III with assignments oriented toward the individual student's interest. Students will focus on one area of subject and material should be directed in anticipation of fulfilling requirements for a portfolio show. *Prerequisite:* ART 322.

General Education: *Humanities/Fine Arts Studio.*

ART 325 Communication Design II 3 SH

Intermediate level studies in visual communication with an emphasis on aesthetics and function. Word and image will be the focal point of this course. Knowledge of photography and darkroom techniques are required (6 studio hrs). Fall semester. *Prerequisite:* ART 225. **General Education:** *Humanities/Fine Arts Studio.*

ART 328 Illustration III: Animation Production 3 SH

This course will explore the ways in which an illustrative concept is conveyed through animation. Students will learn skills that will allow them to translate their original ideas into a finished animated production. *Prerequisite:* ART 305. **General Education:** *Humanities/Fine Arts Studio.*

ART 340 Advanced Photographic Methods 3 SH

In the computerized field of graphics and the Web, photography has become an important design component. This course will help students develop skills to create computer-enhanced images. Students will also learn basic color correction and retouching; the course will culminate in the creation of multi-image montages (6 studio hrs). Every third semester. *Prerequisite:* ART 140 or ART 152. **General Education:** *Humanities/Fine Arts Studio.*

ART 346 Color Photography I 3 SH

An exploration of color vision, design, and composition. A Digital SLR camera and portable hard drive is required (6 studio hrs). Fall semester. *Prerequisite:* ART 140 or ART 152. **General Education:** *Humanities/Fine Arts Studio.*

ART 348 Photography III 3 SH

A culminating course in the study of photography that allows student to explore their technical expertise. Students may work in traditional black and white, color or computer imagery. Students are expected to have their own cameras. *Prerequisite:* ART 252. **General Education:** *Humanities/Fine Arts Studio.*

ART 368 Communication Design III 3 SH

Advanced studies in visual communication with an emphasis on aesthetics and function. Principles and techniques of graphic design theory will be applied in response to a variety of increasingly complex problems (6 studio hrs). *Prerequisite:* ART 325. **General Education:** *Humanities/Fine Arts Studio.*

ART 370 Art Portfolio 3 SH

(Appropriate to Chosen Option)

This course will be an intensive exploration of the student's individual artistic direction and a summation of his/her art courses at Western. Emphasis is on the development of a professional level student portfolio and participation in a Senior portfolio show. Open only to graduating seniors in the Art Department who have completed other requisite courses in their art track/option. Student may take this course more than once under a different subtitle. Spring semester. **General Education:** *Humanities/Fine Arts Studio.*

The following courses also have been approved and are offered periodically:

ART 105 Studio Art

ART 119 Blockprinting

ART/PHI 206 Philosophy of Art

ART 260 Silkscreen

ART 268 Collage

ART 280 Exhibition Techniques

ART 327 Digital Design

ART 365 Watercolor II

MUSIC

**General Education Courses In Music*

***Performance Ensembles open to all students by audition or consent of instructor. Non-music majors completing 6 semesters of ensembles are awarded the equivalent of (1) one 3-credit course in the category of General Education: Humanities.*

MUS 100 History & Appreciation of Music* 3 SH

A survey course to enrich the non-music major's knowledge and enjoyment of serious music. Fall/Spring. **General Education: Humanities/Fine Arts.**

MUS 101 Evolution of Jazz & Rock Music* 3 SH

An exploration of the evolution of jazz and rock music from its origins as folk and gospel music through the swing and bebop eras; the evolution of the blues and country music into rock and roll in the late 1950s; the British Invasion, and the rise of rock and pop culture; and the emergence of jazz as one of the innovative and unique American art forms of the 20th century.

Fall/Spring. **General Education: Humanities/Fine Arts.**

MUS 103 World Music* 3 SH

This course will focus on increasing the students' understanding and appreciation of music of other cultures through the study of folk and traditional music from Africa, North and South America, Europe, The Pacific, Near East and Asia. Fall only. **General Education: Humanities/Fine Arts.**

MUS 105 Music Essentials* 3 SH

An introduction to music involving both basic theory and performance skills on relatively simple instruments. Spring only. **General Education: Humanities/Fine Arts.**

MUS 108, 109 Music Theory I & II 2 SH each

A two-semester study of theory and development of diatonic harmony using part-writing, stylistic study, composition, and analysis. *Prerequisite:* For MUS 108: qualifying score on the theory placement examination; for MUS 109: MUS 108. *Freshman core requirement.* MUS 108/Fall. MUS 109/Spring.

MUS 112 Jazz Theory 3 SH

An introductory course in jazz theory and arranging. Fundamental principles of chord progression, chord substitution, melodic construction, voicing, and part writing are covered. Student arrangements and compositions are performed every semester by WCSU jazz ensembles. Fall only/odd years. *Prerequisite:* MUS 109 and MUS 115.

MUS 113 Convocation, Concert and Recital Repertoire 0 SH

Every Monday and Wednesday, a vast repertoire of music is performed during the recital hour, and this non-credit course is designed to provide music majors with a weekly formal listening experience of live music performance. In addition to the Monday and Wednesday recital attendance requirement, music majors must also attend a minimum of five concerts each semester to fulfill this course. Required of all full-time B.A., B.M. and B.S. music majors every semester. Every Monday and Wednesday.

MUS 114, 115 Sight Singing/Ear Training I & II 2 SH each

A two-semester course to help students develop music reading and dictation skills. *Prerequisite:* For MUS 114: qualifying score on theory placement examination; for MUS 115: MUS 114. MUS 114/Fall; MUS 115/Spring.

MUS 118 Music Technology 3 SH

An introduction to the use of computers in music production, music notation, and music education. Basic software and concepts in educational and music technology will be emphasized. Sources, selection, evaluation, creation and implementation of electronic media for the musician and music educator will be covered in this course. Every semester. Music major with Junior standing. *Lower-division core Music requirement.*

MUS 119 Music Industry Studies 2 SH

This course explores the many facets of contemporary music industries including publishing, artist management, production, recording, broadcasting, and arts administration. Through lectures, readings, projects, and guest speakers from the music industry students will gain a broad knowledge of the workings of the music business and of the many career options available. Fall/Spring. *Prerequisite:* Admission to the BM-Audio Production Program.

MUS 125, 126 Keyboard Competency I & II 0.5 SH each

MUS 125/Fall; MUS 126/Spring. *Freshman core Music requirement.*

MUS 138, 139 Brass Repertoire I & II 1 SH each

Designed to investigate, through live and recorded performances, solo and chamber literature for brass instruments. MUS 138/Fall; MUS 139/Spring. Offered every three years.

MUS 140, 141 Vocal Repertoire I & II 1 SH each

A survey of music of all periods for the voice, utilizing recordings and class performance. MUS 140/Fall odd years; MUS 141/Spring even years.

MUS 142, 143 Piano Repertoire I & II 1 SH each

Designed to acquaint the student with the piano repertoire, including solo and chamber works, through performance, listening and discussion. MUS 142/Fall. MUS 143/Spring.

MUS 144, 145 String Repertoire I & II 1 SH each

Designed to acquaint the student with the string repertoire, including solo and chamber works, through performance, listening and discussion. MUS 144/Fall even years. MUS 145/Spring odd years.

MUS 146, 147 Percussion each Repertoire I & II 1 SH

The study of literature for percussion through performance, listening and discussion. Literature studied includes solo, ensemble and orchestral works. MUS 146/Fall even years; MUS 147/ Spring odd years.

MUS 148, 149 Woodwind Repertoire I & II 1 SH each

Designed to acquaint the student with the woodwind repertoire, including solo and chamber works, through performance, listening and discussion. MUS 148/Fall; MUS 149/Spring. Offered every three years.

MUS 170, 171 Piano Accompanying I & II 1 SH each

For bachelor of music majors. A two-semester course dealing with the nature of accompanying and problems of style. MUS 170/Fall; MUS 171/Spring.

MUS 180, 181 Applied Music 2 SH each

The student will study privately with a teacher who is highly qualified to teach performance techniques and practices on a given instrument/voice. Twelve one-hour lessons per semester. Designed for B.S. in Music Education majors and B. M. in Audio and Music Production majors. MUS 180/Fall; MUS 181/Spring. *Lower-division core Music requirement.*

MUS 182, 183 Applied Music 1 SH each

Twelve half-hour lessons per semester with no performance required. Designed for B.A. in Music majors and music minors. MUS 182/Fall; MUS 183/Spring. *Lower-division core Music requirement.*

MUS 186, 187 Applied Music 3 SH each

The student will study privately with a teacher who is highly qualified to teach performance techniques and practices on a given instrument/voice. Both technique and repertoire will be emphasized. Twelve one-hour lessons per semester with one recital and one jury each semester. Designed for Bachelor of Music degree students only. MUS 186/Fall; MUS 187/Spring. *Lower-division core Music requirement.*

***MUS 191 Symphonic Band** 0.5 SH**

An ensemble of wind and percussion players; open to all students of the university. Every semester.

***MUS 192 Orchestra** 0.5 SH**

Open to all students of the university. Every semester.

***MUS 195 Concert Choir** 0.5 SH**

A select group of mixed voices. Open to all students in the university. Every semester.

MUS 208, 209 Music Theory III & IV 2 SH each

A two-semester study of theory and development of diatonic harmony using part-writing, stylistic study, composition, and analysis. MUS 208/Fall; MUS 209/Spring. *Prerequisite:* For MUS 208-MUS 109; for MUS 209-MUS 208. . *Sophomore core Music requirement.*

MUS 210, 211 Sight Singing/Ear Training III & IV 2 SH each

A two-semester course to help students develop music reading and dictation skills. MUS 210/Fall; MUS 211/Spring. *Prerequisite:* For MUS 210-MUS 115; for MUS 211-MUS 210. *Sophomore core Music requirement.*

MUS 212 Diction for Singers I 1 SH each

This course focuses on mastering the International Phonetic Alphabet by gaining, first, an understanding of the symbols through an already familiar language (English), before moving on to one of the phonetically simpler foreign languages (Italian). Fall/even years.

MUS 213 Diction for Singers II 1 SH each

This course focuses on the use of the International Phonetic Alphabet in the pronunciation of German and French, as well as the phonetic symbols for sounds unique to other foreign languages, such as Eastern European language, Spanish or Scandinavian languages. Spring/odd years. *Prerequisite:* MUS 212.

MUS 214 Junior Capstone Project/Recital 1 SH each

This course consists of the performance of a half-hour recital in the Junior year of study. The recital program must be representative of literature for the specific instrumental/vocal, applied music concentration. *Prerequisite:* Completion of five semesters of applied music study, at least three solo performances at the MUS 113 Convocation, and successful completion of a pre-recital jury performance.

MUS 216 Jazz & Commercial Piano I 0.5 SH each

This course offers the jazz performer and educator an opportunity to learn to play and aurally identify standard chord progressions in major and minor keys. Fall.

MUS 217 Jazz & Commercial Piano II 0.5 SH each

This course offers the jazz performer and educator an opportunity to learn to play and aurally identify complex chord progressions in major and minor keys. Successful completion of this course fulfills the jazz piano proficiency. Spring. *Prerequisite:* MUS 216.

MUS 220 Keyboard Pedagogy I 1 SH

An introduction to the study and aesthetic of keyboard instruction. This course includes an overview of the history of keyboard pedagogy. Instructional materials and method books for beginning students will be surveyed, including materials for group instruction. Topics include learning strategies, theories and introduction to technology-assisted instructional programs. Fall. *Prerequisite:* MUS 108, MUS 109, MUS 114, and MUS 115. Offered every three years.

MUS 221 Keyboard Pedagogy II 1 SH

A continuation of Keyboard Pedagogy I, the study and aesthetic of keyboard instruction. This course includes a survey of instructional materials for intermediate and advanced students, including technology-assisted instructional programs. Topics include the study of the relationship between performance preparation and teaching, the development of a personal philosophy of teaching and business practices for establishing and maintaining an independent studio. Spring. *Prerequisite:* MUS 108, MUS 109, MUS 114, MUS 115, and MUS 220. Offered every three years.

MUS 225, 226 Keyboard Competency III & IV 0.5 SH each

MUS 225/Fall; Mus 226/Spring. *Sophomore core Music requirement.*

MUS 230, 231 Music History and Literature I & II 3 SH each

A two-semester, detailed study of Western and Non-Western music from the early 17th century to the present. The courses include in-depth investigation, through listening and discussion, of stylistic elements of select music literature. MUS 230 covers the music of the early 17th century through the late 18th century. MUS 231 covers the early 19th century to the present. MUS 230/Fall; MUS 231/Spring. *Prerequisite:* Sophomore standing in a Music major or Music minor degree program. *Sophomore core Music requirement.*

MUS 235 Jazz Improvisation I 2 SH

A course designed for the beginning improviser to become acquainted with and develop the art of jazz improvisation. Studies will include analysis of styles and techniques of jazz greats, playing techniques and laboratory experiences with instruments and/or voice. This course will deal with modal, blues and ballad material. Fall. *Prerequisite:* MUS 109.

MUS 236 Jazz Improvisation II 2 SH

A course designed for the more advanced jazz improviser. Studies will include further analysis and performance laboratory experiences of more complicated forms and styles, such as latin, bop, jazz rock and fusion. Spring. *Prerequisite:* MUS 235.

MUS 240 Survey of Recording Technology 2 SH

This course provides students with the basic knowledge and experience required to function both in a recording studio and in a live recording environment. Students will learn about the fundamentals of sound production and reproduction, digital recording, and mixing. Fall or Spring. *Prerequisite:* MUS 118.

***MUS 280 Wind Ensemble** 0.5 SH**

A select group of wind players. Auditions open to all students in the university.

***MUS 281 Opera Ensemble** 0.5 SH**

***MUS 282 Guitar Ensemble** 0.5 SH**

***MUS 283 Jazz Guitar Ensemble** 0.5 SH**

***MUS 287 Saxophone Quartet** 0.5 SH**

This course will explore the extensive repertoire for the saxophone quartet. The study of this repertoire will prepare students for professional teaching, performance and compositional opportunities. Saxophone quartets perform both on- and off-campus each semester.

***MUS 288 Woodwind Quintet** 0.5 SH**

***MUS 289 Chamber Jazz** Variable**

The study of traditional and contemporary jazz through performances in small groups (quartets, quintets, etc.).

***MUS 290 Chamber Percussion** 0.5 SH**

***MUS 291 Chamber String** 0.5 SH**

***MUS 292 Chamber Brass** 0.5 SH**

***MUS 293 Chamber Woodwind** 0.5 SH**

***MUS 294 Chamber Singers** 0.5 SH**

***MUS 296 Jazz Ensemble** 0.5 SH**

***MUS 297 Clarinet Quartet** 0.5 SH**

MUS 298 Faculty Developed Study 1–6 SH

MUS 299 Student Developed Study 1–6 SH

MUS 311 History of Jazz 3 SH

An in-depth study of jazz from its roots in African and American folk music, through its emergence as a popular dance music in the 1930s to its present status as an art form through the analysis and discussion of the individual artists who were prominent and essential to the process. A discussion of the cultural sources and influences of jazz is an integral part of the course. Spring/odd years. *Prerequisite:* MUS 209.

MUS 314 Jazz Arranging 3 SH

An advanced course in arranging and composition for large instrumental jazz ensembles. Student arrangements and compositions are performed in public by WCSU jazz ensembles each semester. Spring/even years. *Prerequisite:* MUS 112, MUS 208 and MUS 210.

MUS 315 Jazz Pedagogy 2 SH

This course is designed to prepare students to enter the field of music education with the skills and information necessary to organize and conduct instrumental and vocal jazz ensembles. Fall/even years. *Prerequisite:* MUS 320.

MUS 317 Musical Form and Analysis 3 SH

A study of the structure of representative works by composers of various stylistic periods. Fall. *Prerequisite:* MUS 209 and MUS 211.

MUS 320 Basic Conducting 2 SH

A study of the factors involved in the leadership of performing groups, including functions of the right and left hands and rehearsal techniques. Every semester. *Prerequisite:* MUS 208 and MUS 210. Fall semester.

MUS 321 Choral Conducting 2 SH

A study of the techniques involved in the leadership of choral groups. Fall semesters only. *Prerequisite:* MUS 320. Spring semester.

MUS 322 Instrumental Conducting 2 SH

A study of more complex problems concentrating on the instrumental aspect. Instrumentation and orchestration, instruments and their transposition, scoring clef reading with the open score and conducting instrumental groups. Spring. *Prerequisite:* MUS 320.

MUS 332 Music of the Middle Ages and Renaissance 3 SH

A detailed study and stylistic analysis of music literature of these historical periods. Every sixth year, Spring. *Prerequisite:* MUS 230 and MUS 231.

MUS 333 Music of the Baroque Era 3 SH

A detailed study and stylistic analysis of 17th century music literature. Every sixth year, Spring. *Prerequisite:* MUS 230 and MUS 231.

MUS 334 Music of the Classical Era 3 SH

A detailed study and stylistic analysis of 18th century music literature. Every sixth year, Spring. *Prerequisite:* MUS 230 and MUS 231.

MUS 335 Music of the Romantic Era 3 SH

A detailed study and stylistic analysis of 19th century music literature. Every sixth year, Spring. *Prerequisite:* MUS 230 and MUS 231.

MUS 337 Contemporary Music 3 SH

A course designed to investigate the relationships between the music of today and the past, in which contemporary music is viewed as a natural outgrowth of the music of earlier periods. Every sixth year, Spring. *Prerequisite:* MUS 230 and MUS 231.

MUS 340 Audio Production I 2 SH

This course covers concepts dealing with the area of acoustics and psychoacoustics, as well as the technology involved in audio recording and production with projects in audio production primarily dealing with recording the human voice. Fall. *Prerequisite:* MUS 118 Music Technology.

MUS 341 Audio Production II 2 SH

This course continues studies in audio production begun in MUS 340 Audio Production I, with an emphasis on sound design, music underscoring, and postproduction topics such as editing and mixing audio. Spring. *Prerequisite:* MUS 340 Audio Production I.

MUS 345 Copyright, Licensing, and Music Publishing 2 SH

This course provides students with a basic understanding of current United States copyright law as well as an introduction to foreign copyright laws and practices. Topics include copyright protection, public domain, copyright infringement, mechanical rights (recorded music), and licensing. Fall/Spring. *Prerequisite:* MUS 119 Music Industry Studies.

MUS 370 Music Industry Practicum 2 SH

This course provides students with the opportunity to intern at a recording studio, radio station, television station, production company or similar facility to gain real-world work experience in the field. Fall/Spring. *Prerequisite:* Permission of instructor.

MUS 380 Senior Capstone Project/Recital 2 SH

For performance majors this course consists of the performance of an hour recital in the Senior year of study. The recital program must be representative of literature for the specific instrument/vocal, applied music concentration. For audio and music production majors this course consists of the production of a large-scale project such as a self-produced CD, film score, multimedia production, etc. *Prerequisite:* Completion of seven semesters of applied music study and successful completion of a pre-recital jury performance or project proposal review.

***MUS 388 Frankensax** 0.5 SH**

This course will explore the advanced repertoire of the contemporary saxophone ensemble. Emphasis will be placed on music by leading contemporary composers in the jazz idiom as well as student and faculty compositions. The study of this repertoire will prepare students for professional performance and compositional opportunities. Frankensax will perform both on- and off-campus each semester.

MUS 390, 391 Applied Music 2 SH each

The student will study with a teacher who is highly qualified to teach performance techniques and practices on a given instrument/voice or, in the case of Audio and Music Production majors, qualified to teach studio production, composition, and post-production techniques. Twelve half-hour lessons per semester. Designed for B.S. in Music Education majors and B.M. in Audio and Music Performance majors. MUS 390/Fall; MUS 391/Spring. *Prerequisite:* Four semesters of MUS 180,181 and passing of Performance Barrier. *Upper division core Music requirement.*

MUS 392, 393 Applied Music 3 SH each

The student will study with a teacher who is highly qualified to teach performance techniques and practices on a given instrument/voice. Twelve one-hour lessons per semester. Designed for Bachelor of Music degree students only. MUS 392/Fall; MUS 393/Spring. *Prerequisite:* Successful completion of four semesters of MUS 186, MUS 187 and passing of performance barrier.

***MUS 396 Jazz Orchestra** 0.5 SH**

This course will explore the advanced repertoire for the contemporary jazz orchestra. Emphasis will be on music by leading contemporary composers in the jazz idiom as well as student and faculty compositions. The study of this repertoire will prepare students for professional performance and compositional opportunities. The jazz orchestra is the premier jazz ensemble at WCSU and will perform both on- and off-campus each semester. *Upper-division core Music requirement.*

***MUS 397 New Music Ensemble** 0.5 SH**

This course will explore the advanced repertoire of the contemporary chamber ensemble. Emphasis will be on music by leading contemporary composers, selected music from the 20th Century, and student and faculty compositions. The study of this repertoire will prepare students for professional performance and compositional opportunities. The new music ensemble is WCSU's premiere chamber ensemble, comprised of the finest student performers and faculty artists. The new music ensemble performs both on- and off-campus each semester.

MUSIC EDUCATION

MED workshops involve elementary instruction and pedagogy of the instrument or instruments in their respective families. Each workshop is a full semester and is offered every semester (except World Music in the Classroom).

MED 100 Voice 1 SH

Every semester.

MED 102 Woodwind: Single Reed 1 SH

Every semester.

MED 103 Brass Workshop 1 SH

Every semester.

MED 104 World Music in the Classroom 1 SH

This workshop focuses on authentic music from a variety of cultures, appropriate for use in elementary and middle school settings. Students will learn game-songs, dances, and recreational/social songs and rhythms, as well as accompaniments using traditional instruments. Spring semester only.

MED 105 String Workshop 1 SH

Every semester.

MED 108 Woodwind: Double Reed 1 SH

Every semester.

MED 110 Percussion 1 SH

Every semester.

MED 206 Introduction to Music Education 2 SH

For prospective teachers of music, this course covers the history of and present status of music in the schools, examining qualifications of music teachers, state and national music standards, and certification requirements. First-year students will begin exploring aspects of music pedagogy and will observe master teachers in the schools. Fall semester.

MED 303 Elementary Music Methods (Grades K–6) 3 SH

This course is designed to acquaint students with the field of elementary music education and to provide them with materials, procedures and techniques in music necessary to function in that setting. The relationship between content and method and the developmental characteristics of the learner will be stressed. *Prerequisite:* Students must meet entrance requirements for admission to professional music education program. Spring semester.

MED 304 Elementary Professional Development School Experience .5 SH

During the Music Education Professional Program, students who enroll in MED 303 (spring semester) will complete a 5-day professional development school experience during Spring Break or in May. Field placements will be in the Bethel or Danbury Professional Development Schools. Music students will work under the direction of Bethel/ Danbury Public School music teachers and receive supervision from WCSU Department of Music faculty members. Students will apply what they are learning in professional program music methods courses. *Corequisite:* enrollment in the music education professional program. Spring semester.

MED 316 Arranging 2 SH

A one-semester course designed to equip prospective music teachers with arranging skills to meet the needs and ability levels of school performing groups and classroom situations. Required of all music education majors. *Prerequisite:* MUS 209 and MUS 211. Spring semester.

MED 320 Student Teaching 11 SH

Each student spends a full semester (70 contact days) observing and teaching in elementary and secondary schools with trained cooperating teachers under the supervision of music education university faculty. The semester is divided into two different placements covering general music and performance areas. Student teaching is full time for one semester. *Prerequisite:* completion of all levels of theory, piano and professional courses. See Music Department requirements for assignment to student teaching.

MED/ED 340 Assessment of Teaching Strategies 1 SH

See ED/MED 340.

MED 353 Secondary Music Methods (Grades 7–12) 3 SH

This course deals with middle school and senior high school music curricula: general music class, choral and instrumental ensembles, techniques, problems, literature and performance. *Prerequisite:* Students must meet entrance requirements for admission to music education professional program. Fall semester.

MED 354 Secondary Professional Development School Experience .5 SH

During the Music Education Professional Program, students who enroll in MED 354 Secondary Music Methods (fall semester) will complete a 5-day professional development school experience in December or January. Field placements will be in the Bethel or Danbury professional development schools. Music students will work under the direction of Bethel/Danbury public school music teachers and receive supervision from the WCSU Department of Music faculty members. Students will apply what they are learning in professional program music methods courses, demonstrating readiness for student teaching. *Corequisite:* enrollment in the music education professional program. Fall semester.

THEATRE ARTS

All theater courses require attendance at specified productions.

THR 125 Design for Media 3 SH

The use of illustration, graphs, titles and credits based on fundamental design formulation and related to story presentation through the media of dry-mounting, paste-up, copy-camera work, overhead projection and display. Alternate spring semesters. **General Education: Humanities/Fine Arts.**

THR 150 Performance Techniques: Integration of Voice & Movement 3 SH

A beginning in-depth analysis and practice of the physical and vocal instruments such as the Lessac System. This course integrates the structural, tonal and consonant actions of the body, the senses and the imagination in sounds and words. Spring semester. **General Education: Humanities/Fine Arts Studio.**

THR 180 Introduction to Theater Arts 3 SH

An exposition exploring the place of the theater in the life of man, with a critical appreciation of the various arts and skills involved. Emphasis is on the creative function of the audience. Spring semester. **General Education: Humanities/Fine Arts.**

THR 181 Acting I: An Introduction 3 SH

Fundamental techniques of characterization, theater games, improvisation and scene study. Lecture, discussion and laboratory. Students are required to participate in course-related activities. Every semester. **General Education: Humanities/Fine Arts Studio.**

THR 182 Technical Theater I 3 SH

The theory and practice of scene construction and lighting, as well as makeup, costuming and backstage management. A practical course in the art of mounting a play. Acting and directing are not included. Students will be expected to participate in work backstage. Lecture, discussion and laboratory. Students are required to participate in course-related activities. Every semester. **General Education: Humanities/Fine Arts Studio.**

THR 202 Technical Theater II 3 SH

A studio course concentrating on lighting, sound and technical drawing for stage and studio. Students will work on the transformation of the script into both audio and visual presentation. Individual and group analysis of design/technical needs and solutions are presented. Every semester. *Prerequisite:* THR 182. **General Education: Humanities/Fine Arts Studio.**

THR/WRT 244W Playwriting Workshop 3 SH

See WRT/THR 244W.

THR/COM 252 Acting for the Camera 3 SH

Acting for film and television with an emphasis on interior and exterior production. Every two years. *Prerequisite:* THR 181. **General Education: Humanities/Fine Arts Studio.**

THR 260 Voice and Diction 3 SH

An exposition and analysis of the current theories of phonation, resonance and articulation and the application of these theories to speech improvement. This course is of value to all concerned with spoken communication techniques. Every semester. **General Education: Humanities/Fine Arts.**

THR 279 History of the Theater 3 SH

A study of the sources and contributions of the theater in the cultures of past and present world civilizations. Emphasis will be on the conventions, forces and trends which have created and given form to the theater. Covers the period from ancient to modern theater. Fall semester. **General Education: Humanities/Fine Arts.**

THR 281 Acting II: Characterization, Theory and Practice 3 SH

Theory and practice in advanced techniques of character development, styles and role study. Lecture, discussion and laboratory. Every semester. *Prerequisite:* THR 181. **General Education: Humanities/Fine Arts Studio.**

THR 283 Stage Design 3 SH

A study of the standards, techniques and skills involved in stage design. Application of these principles through design and development of stage designs. Practical experience on current productions. Lecture, discussion and laboratory. Every fall semester. *Prerequisite:* THR 182 or permission of the instructor. **General Education: Humanities/Fine Arts Studio.**

THR 284 Costume and Makeup 3 SH

A study of the standards, techniques and skills needed in properly dressing the actor with costume and makeup suited to the style, mood and historical period of the play. Practical experience in these skills on current productions. Lecture, discussion and laboratory. Every semester. **General Education: Humanities/Fine Arts Studio.**

THR 289 Children's Theater Practicum 3 SH

A study of, and a practical working in, the various aspects of children's theater, including script selection, acting styles, costuming, makeup and scene building, culminating in several productions of a children's play. In this course, children's theater is defined as presenting plays by adults for children. Lecture, discussion and laboratory. Every spring semester. *Prerequisite:* THR 181 or permission of the instructor. **General Education: Humanities/Fine Arts Studio.**

THR 297 Cooperative Education 1–6 SH

THR 298 Faculty Developed Study 1–6 SH

THR 299 Student Developed Study 1–6 SH

THR 300 Theater Production Lab 1–3 SH

Designed for majors. Active participation in theater activities. Students must earn one credit every semester, portfolio semester optional. Activity requires a minimum of sixty hours of supervised laboratory work. This course may be repeated for credit, but

not more than three semester hours may be earned in one semester. First and second-year theater arts students will rotate in scenery, lighting, costume, sound, management and performance. Every semester. **General Education: Humanities/Communication.**

THR/WRT 346W Advanced Playwriting Workshop 3 SH

See WRT/THR 346W. **General Education: Fine Arts Lecture.**

THR 370 Cabaret Performance 3 SH

This course will introduce the performer to the dynamics of style in the interpretation of song lyrics and musical composition. Examples drawn upon will include classics from the American musical theater, standards from the field of popular entertainment, ballads and unique pieces associated with particular performers. Emphasis will be on performance of sung material in contrasting styles, researching the body of work of selected lyricists and/or composers and the creation of persona in the performance of musical literature. Alternate spring semesters. *Prerequisite:* THR 150, THR 181 and THR 281.

THR 371 Musical Theater Workshop 3 SH

This course provides an introduction to the world of musical theater through the study of traditional musical theatrical forms. Students learn the acting concepts for transitions from spoken word to singing and then to dance. This class culminates in a final presentation that demonstrates a student's proficiency in multiple musical theater genres. Every fall semester. *Prerequisite:* THR 150, THR 181 and THR 281. **General Education: Fine Arts Studio.**

THR 383 Methods of Scenic Art and Craft 3 SH

This course will explore and examine the historical, developmental and fabrication techniques of faux finish decorative painting, history of decorative arts and three-dimensional properties construction. As part of this exploration, particular attention will be paid to research, identification and restoration of historical artifacts. Every semester. *Prerequisite:* THR 182 or ART 105 or ART 108 or permission of the instructor. **General Education: Fine Arts Lecture.**

THR 384 Lighting 3 SH

An introduction to the theories and methods of stage and television lighting. The focus is on the use of technology and the design process. Alternate spring semesters. *Prerequisite:* THR 182. **General Education: Humanities/Fine Arts Studio.**

THR 386 Directing I 3 SH

Basic methods and techniques of directing plays, with special emphasis on working with actors, casting, methods of rehearsing, intra-character play, tempo and climax building. Assignments in directing short scenes. Lecture, discussion and laboratory. Fall semester. *Prerequisite:* THR 181 and THR 182. **General Education: Humanities/Fine Arts Studio.**

THR 387 Production and Performance Lab 3 SH

This course provides advanced students an opportunity to practice principles of theater production through active participation in performances. Theater areas include acting, directing, scene design, scene construction, lighting and costuming. Fall semester. *Prerequisite:* THR 181 and THR 182. **General Education: Humanities/Fine Arts Studio.**

THR 388 Acting III: Period Styles 3 SH

A studio course which focuses on the development and study of advanced acting techniques through analysis and performance of works from various theatrical periods. Scenes from each style/period will be performed and critiqued in class after lectures, analysis, discussion and historical research. Spring semester. *Prerequisite:* THR 181 and THR 281 and completion of 60 semester hours. **General Education: Humanities/Fine Arts Studio.**

THR 389 Auditioning Techniques for the Actor 3 SH

This class will prepare the student for the auditioning process through intensive work on dramatic and comedic monologues and scenes and vocal selections appropriate to the individual skills. Students should have significant theater and vocal experience. Alternate spring semesters. *Prerequisite:* THR 181 and THR 281. **General Education: Fine Arts Lecture.**

THR 390 Play Production 3 SH

A study of the basic principles in the production of plays: play selection, casting, directing, stage designing, scenery, lighting, costuming and publicity. Alternate spring semesters. **General Education: Humanities/Fine Arts Studio.**

THR 402 Honors Seminar in Theater Arts 3 SH

A colloquium to examine in depth a particular question or specific body of work in theater. The course will involve extensive reading and the presentation of a paper. May be taken twice for credit. *Prerequisite:* Invitation from the department.

THR 490 Senior Portfolio — Theater Arts 3 SH

With the help of a faculty adviser, students will develop a project that demonstrates their proficiency in an area of theater arts. Areas of specialization may include, but are not limited to, design/technology, stage management, production management, performance or directing. Each project will have a research component and a practical application that culminates in a presentation or performance that demonstrates the student's ability to grasp and utilize the techniques in their area of specialization. All projects must be approved by a faculty review panel and have final research documentation as part of the final project. A panel or jury of at least three full-time faculty will review and evaluate the final (portfolio) project. Spring semester. *Prerequisite:* Theater majors in good academic standing who have 90 credits by the start of the semester in which the class is offered.

The following courses also have been approved and are offered periodically:

THR 163 Essentials of Oral Interpretation. General Education: Humanities/Fine Arts.

THR 201 Creative Dramatics. General Education: Humanities/Fine Arts.

THR 255 Performance Techniques: Pantomimic Dramatization. General Education: Studio

THR 285 Body Movement and Mime. General Education: Humanities/Fine Arts Studio.

THR 363 Advanced Oral Interpretation. General Education: Fine Arts Lecture.

THR 486 Directing II: Styles, Theory and Practice. General Education: Studio.

DIVISION OF GRADUATE STUDIES

The Division of Graduate Studies offers advanced study under the direction of dedicated educators.

Students in the graduate programs benefit from a faculty whose commitment to teaching, to research, and to other professional activities has resulted in national recognition in widely varying fields. Guidance from this faculty helps strengthen the academic and professional ability of students by increasing their knowledge of a subject, improving their capacity for independent study, familiarizing them with the research in their fields and training them to conduct meaningful research of their own.

The mission of the graduate programs is not confined within the perimeters of the university. The programs also make a significant contribution to the community at large. As a result of their intense, concentrated study at Western, students are well prepared to enter society, not only as trained professionals and specialists, but also, in a wider context, as thoughtful, sensitive human beings with personal integrity and an appreciation of intellectual and political freedom.

Much of this understanding is developed in professional in-service and pre-service programs through cooperative efforts with regional businesses, industry, government, social service, and educational agencies. Western's faculty and programs are dedicated to forging and maintaining such ties through the assessment of regional needs and continual interaction with community, business, professional, and academic organizations, an interaction which also helps to refine the graduate curriculum.

Students applying for the first time should contact the Division of Graduate Studies Office. An appointment with an adviser will be arranged upon the student's request.

Western Connecticut State University is authorized by the State of Connecticut to award the degrees of Master of Science, Master of Arts, Master of Fine Arts, Master of Business Administration, Master of Science in Justice Administration, Master of Science in Music Education, Master of Science in Nursing, Master of Health Administration, and Doctor of Education to candidates who have successfully fulfilled the requirements for these degrees and diplomas.

The Master of Science in Education degree is awarded to elementary and secondary school teachers upon completion of one of the following option programs:

- Curriculum Leadership
- English
- Instructional Technology
- Mathematics
- Reading (Non-Certification)
- Special Education (Non- Certification)

Master of Science degree programs are offered in Counselor Education with concentrations in Clinical Mental Health Counseling or School Counseling.

The Master of Science in Nursing offers an option to prepare as an adult nurse practitioner, as well as an option to prepare for other advanced practice roles, such as clinical nurse specialist, case manager, staff development educator and nurse manager.

Master of Arts degree programs are offered in English with options in literature and writing; history; biological; earth and planetary sciences; and mathematics.

Western offers a Master of Fine Arts in Art with tracks in illustration and painting and an Master of Fine Arts in Creative & Professional Writing.

Doctor of Education degrees are offered at Western in Instructional Leadership and in Nursing Education.

Requirements for all degree programs must be completed within a six-year period. Students in the Master of Business Administration program are allowed up to eight years to complete their degree.

For further information, including information about transfer credit:

Division of Graduate Studies, Old Main 206
Western Connecticut State University
Danbury, CT 06810
(203) 837-8244

EXTERNAL PROGRAMS

The university offers bachelor-completion programs in Management (BBA) and Nursing (RN to BSN) through Western at Waterbury, located on the campus of Naugatuck Valley Community College. For more information, call (203) 596-8777.

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Arts and Sciences, Warner Hall 300 (203) 837-9401
Professional Studies, White Hall 123 (203) 837-8575
Visual and Performing Arts, Higgins Annex 105 (203) 837-3222

AccessAbility Services, Higgins Annex 017 (203) 837-8225
Admissions Office, Old Main 203 (203) 837-9000
Alumni Relations, Old Main 302 (203) 837-8290
Bookstore (Midtown), Student Center, 1st Floor (203) 837-8685
Bookstore (Westside), (203) 837-8465
Career Development Center, Student Center 227 (203) 837-8263
Cashiers' Office, Old Main 106 (203) 837-8368
Child Care Center, Alumni Hall (203) 837-8733
Counseling Center, Student Center 222 (203) 837-8690
Financial Aid Services, Old Main 105 (203) 837-8580
Graduate Studies Office, Old Main 206 (203) 837-8244
Health Service, Litchfield 128 (203) 837-8594
Housing, Newbury Hall 105 (203) 837-8531
Human Resources, University Hall 115 (203) 837-8662
Library, Haas (Midtown) (203) 837-9100
Library, Robert S. Young (Westside) (203) 837-9139
Police, Boiler House (203) 837-9300
Registrar, Old Main 102 (203) 837-9200
Student Affairs, Old Main 306 (203) 837-9700
Student Financial Services, Old Main 105 (203) 837-8580
Student Life/Student Activities, Student Center 220 (203) 837-8494
Western at Waterbury, Founders Hall (203) 596-8777
For all numbers not listed (203) 837-8200

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