
Schools and Professional Programs

School of Arts and Sciences

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Degree Programs

LIBERAL ARTS STUDIES

Biology (B.A. and B.S.)

with concentrations in:

Environmental Biology

Marine Biology

Pre-Health Professional Options

Communication (B.A.)

with concentrations in:

Advertising

Communication Studies

Journalism

Public Relations

General Studies A.A., A.S.

General Studies B.S.

concentrations in:

Business Studies

Humanities

Internet Applications

Natural Sciences/Mathematics

Science, Engineering, or Computer

Related Fields

Social Sciences

Literature and Civilization (B.A.)

with concentrations in:

Creative Writing

English

History

Philosophy

Psychology

Mathematics (B.A. and B.S.)

with concentrations in:

Actuarial Mathematics

Computer Science

Natural Sciences

VISUAL ARTS, PERFORMANCE STUDIES AND DESIGN STUDIES

Design (B.F.A. and B.S.)

with majors in:

Graphic Design (B.F.A.)

Illustration (B.F.A.)

Industrial Design (B.S.)

Interior Design (B.S.)

Music (B.Mus) with concentrations in:

Jazz Studies

Music Business

Music Education

Music Performance

Mission Statement

The mission of the School of Arts and Sciences is to provide students with education of high quality in the knowledge, skills and values that will enable them to achieve success in their professions and become meaningful contributors to society. The School is committed to an interdisciplinary approach in its curricula while offering students opportunities for experiential learning, internships, and community service.

Our programs are designed with attention to the institutions we serve. The education we offer features acquisition of fundamental knowledge in a wide range of fields and an application-oriented approach to issues that are progressively more interdisciplinary.

Vision Statement

The vision statement serves as a guide in the development of the school's programs and overall educational initiatives. The School of Arts and Sciences will provide students in its programs with:

Competence — i.e. knowledge and skills necessary to enable them to enter the work force, or to undertake graduate study, with success.

Critical Thinking — i.e. techniques of applied logic, categorization, and criticism which result in clear thinking, sound analysis, and balanced judgment.

Creativity — i.e. qualities of imagination, originality, curiosity, and daring.

Context — i.e. awareness of the historical, social, intellectual, environmental, and cultural setting appropriate to the field of study.

Communication — i.e. ability to express themselves lucidly and to present ideas effectively and distinctively, both formally and informally, orally, visually, literately, and musically.

Candor — i.e. honest standards, consistency in implementing them, and fair evaluation of achievement.

Concern — i.e. regular support and individual attention to all students, with additional opportunities for those who excel and remedial strategies for those who need them.

Description

The Arts and Sciences housed in the School include degree programs in Biology, Communication, General Studies, General Studies, Graphic Design, Illustration, Industrial Design, Interior Design, Literature and Civilization (with concentrations in Creative Writing, English, History, Philosophy, and Psychology), Mathematics, and Music. In addition, the School is responsible for those courses in composition, communication, humanities, fine arts and natural sciences, mandated by the University's core curriculum.

The School is committed to an interdisciplinary approach that it believes best prepares students for the challenges and opportunities of the twenty-first century, and for graduate school.

The Biology Program is designed to prepare students for further study in graduate or professional schools, or for employment in education, industry, or governmental service. Students may follow a general biology curriculum or elect an option in pre-chiropractic, pre-medicine, pre-dentistry, pre-naturopathy, pre-veterinary, marine biology, or zoology.

School of Arts and Sciences

The Communication Program offers concentrations in Advertising, Public Relations, Journalism, and Communications Studies. The Program provides students with an interdisciplinary foundation in the basic theory and skills necessary to become media practitioners.

The Design Programs reflect the new realities of the work place and future trends, which gives a clear advantage to those who are well-prepared in creative thinking, traditional skills, and computer-based technologies. A Student can major in Graphic Design, Illustration, Industrial Design, or Interior Design.

The Elective Studies Program gives adult learners, as well as traditional undergraduates, greater flexibility in completing their studies by offering broad areas of disciplinary concentration in place of more traditional majors. Students use this option to pursue careers in business and social science and as a pre-professional degree.

The General Studies Program develops, promotes, and administers programs and services for non-traditional student. This includes underprepared freshmen, who are given the opportunity to demonstrate their true ability. Students remain in the program for one to four semesters depending on their level of achievement. They use the record they have compiled to transfer into their major of choice at the University. The Program also grants Associate's degrees in arts and sciences.

The Literature and Civilization Program gives students a general foundation in the liberal arts while, at the same time, examining the connections within and between them. Within this major, students may opt for a concentration in Creative Writing, English, History, Philosophy or Psychology.

The Mathematics Program is designed to prepare the student for graduate work in mathematics and allied areas, industrial employment, secondary school teaching, and careers in quantitative areas of biological and social sciences.

The Music Program offers four distinct four-year programs leading to the Bachelor or Music degree: Music Education, Performance, Jazz Studies, and Music Business. Music students are required to complete music foundation courses and one of the four concentrations. The Music Business concentration reflects the growing complexity of the commercial music scene.

The School provides courses in Physics and Chemistry in support of the University's Science and Engineering programs.

The School also provides two years of study in modern languages and culture, both European (French and Spanish) and Asian (Chinese, Japanese, and Korean).

Facilities

Five floors of the Arnold Bernhard Center overlooking Long Island Sound, are occupied by the visual arts, and music programs of the School, with additional classroom, performance, and lecture hall space. Individual students have access to spacious studio and practice areas. The University Art Gallery is housed in the Bernhard Center and is available for student exhibitions as well as those of visiting artists and designers. There are facilities for woodworking, plastic forming and metal working, as well as special laboratories for materials study, human factors testing, graphic preparation, photographic processing, studio shooting, printmaking, video post-production, and computer graphics. Most studio courses have a fixed materials fee.

The Biology and Mathematics program are located in Dana Hall. Three floors are occupied by Biology, Physics, Chemistry, and Geology laboratories, as well as by the Computer Science laboratory.

Internships, Co-operative Programs and Professional Opportunities

The School offers students a variety of options dependent on their major interests. In the Humanities programs there are opportunities for internships with state and local government organizations, newsprint and broadcast media, advertising agencies, and related commercial interests. The University's proximity to New York City, the media, art, and design center of the United States and the site of many museums, foundations and research institutes, offers students an exceptional variety of intellectual, cultural, and professional experiential learning possibilities. Our students are actively participating in summer programs in Biology, and working part-time in many corporate and consulting companies locally and nationally.

Accreditation

All degree programs in the School of Arts and Sciences are licensed and accredited by the State of Connecticut Department of Higher Education and the New England Association of Schools and Colleges. In addition, the School is an accredited institutional member of the National Association of Schools of Art and Design.

Admission Criteria and Procedures

A student is admitted to the majors in Arts and Sciences after an evaluation of the high school transcript, class standing, counselor recommendations, and SAT scores and has demonstrated potential in analytical reasoning, comprehension, verbal expression and intellectual growth.

Our experience indicates that, in order to perform well in the School's programs, and in the University's general education core, students will have at least a 3.0 G.P.A. at high school, a S. A. T. of 1000 or better, be ranked in the top third of class, have

School of Arts and Sciences

achieved 'B' or better grades in English and other Liberal Arts' subjects.

In addition to the standard University requirements, admission to the majors in Music, and Media/Visual Arts requires the submission of a portfolio representing the applicant's creative work, or a tape/video-cassette representing performance skills.

Students who perform well in the Biology and Mathematics programs are generally found to have met the following criteria:

- A. SAT scores of 530(R) verbal and 560(R) math; or composite ACT score of 22.
- B. Grade point average of "B", (2.5) or better.
- C. Rank in the top half of the high school graduating class.
- D. Four years of mathematics; two lab sciences and an additional science unit in high school.

At the discretion of the Admissions Committee, students who meet two out of the above standards can be admitted into the major.

Admissions Criteria and Procedures for the General Studies Program

Students who aspire to one of the majors at the University, but whose academic performance in high school suggests developmental needs, are considered for admission to the Program in General Studies based on a review of their high school record, standardized test scores, and supporting documents (special attention is paid to recommendations and the applicant's essay). Because the Admissions Committee is looking for predictors of success (motivation, discipline, and character), in addition to the usual academic measures, a personal interview is always strongly recommended and is often required. Phone interviews can be arranged for students who live at a considerable distance from the University.

For information concerning admission procedures, please refer to the section on University Admissions.

General Criteria for Degrees from the School of Arts and Sciences

In the Literature and Civilization and Arts majors, the Bachelor of Arts degree requires a minimum of 120 semester hours of acceptable work. Thirty to forty-eight semester hours may be devoted to the major, and at least half of these must be completed at the University unless this requirement is waived by the School director. The exact number of semester hours required for each major is listed in the section of the catalog entitled "Undergraduate Degree Programs". Foreign language competency at the 104 level is required.

In Integrated Media, the Bachelor of Fine Arts degree requires a minimum of 125 semester hours of acceptable work, of which 48 semester hours must be in the major. Individual critiques, with faculty in attendance, are required of majors at the end of each semester. At the end of the second year, a portfolio review establishes whether students have demonstrated their ability to continue in the program. A senior thesis presentation, including professional portfolio development, is required of all Visual Arts graduates of the School.

In Music, the Bachelor of Music degree requires a minimum of 126 semester hours. At the end of each semester, music majors must take an examination in their applied area before a jury of the faculty. At the close of the fourth semester, each music major is given a sophomore review. This review is a comprehensive critique of academic and applied work completed to date and determines whether the candidate continues as a music major.

Foreign language competency is not required of majors in the programs in Music and Visual Arts. However, the School strongly urges foreign language study

because acquaintanceship with a second language (and culture) is a priceless asset in the global work environment which will be a dominant feature of the 21st century.

In Biology and Mathematics majors the Bachelor's degree is awarded to the student who fulfills the following minimum requirements, in addition to those listed in the chapter on Academic Regulations.

1. Participation in such departmental seminars as the faculty prescribes.
2. Earning the total semester hours required for the individual curriculum as listed in the following pages.
3. Earning a "C-" or better in every course in the major and with a cumulative average of 2.0 in the major courses. Each department designates the courses to be included in the major and decides the procedure necessary to remove each deficiency, including any "D" in a major course. When a course is a prerequisite to another, a "C-" or better in the prerequisite course may also be a requirement. Both B.S. and B.A. degrees are available in Biology and Mathematics.

School of Business

Director: Glenn Bassett · (203) 576-4384

M.B.A. Program Director:

Diane Richardson · (203) 576-4363

Undergraduate Advisor:

William Greenspan · (203) 576-4378

Mandeville Hall

Faculty: Albert, Bassett, Choi, Coleman, Collins, Coppolella, Greenspan, Jelen, Kim, Maine, Moriya, Rigja, Schaff, Todd, Wu

Accreditation

All degree programs in the School of Business are licensed and accredited by the State of Connecticut Department of Higher Education and the New England Association of Schools and Colleges. In addition, the School of Business is nationally accredited by the Association of Collegiate Business Schools and Programs (ACBSP) to offer specified graduate and undergraduate business degrees. As of January, 2001, the ACBSP is the only business school accrediting agency recognized by the Council for Higher Education Accreditation (CHEA). National accreditation covers the Bachelor of Science (BS) degrees in Accounting, Business Administration, Business Economics, Computer Applications and Information Systems, Finance, International Business Management, and Industrial Relations, and Marketing. At the graduate level accreditation applies to the Master of Business Administration (MBA) degree with concentrations in Accounting, Finance, Management, Management Information Systems and Global Marketing.

UNDERGRADUATE DEGREE PROGRAMS

Accounting (B.S.)

Business Administration (A.A., B.S.)

Computer Applications and Information Systems (B.S.)

Fashion Merchandising (A.A., B.S.)

Finance (B.S.)

International Business (B.S.)

Management and Industrial Relations (B.S.)

Marketing (B.S.)

Mission Statement

The mission of the University of Bridgeport School of Business is to develop effective and responsible leaders for global business, industry and government by offering graduate and undergraduate degree programs that equip graduates with the technical and cultural competences required in an increasingly complex international environment.

Co-op and Internship Program

The School of Business requires all eligible students to gain practical experience before completion of the degree. The student can fulfill this requirement by participation in the co-op and internship program with several research and consulting institutes established in the School of Business or with outside business firms, non-profit organizations, government agencies, and international organizations.

Admission Criteria and Procedures

A student is admitted to the School of Business through an evaluation of the high school transcript, class rank, and SAT scores based on the determination that the student has demonstrated potential in analytical reasoning, comprehension and expression in words and creative power in thinking.

Our past experience has shown that to be able to perform well in the Business Program, a student has earned a 2.5 G.P.A. in high school, above 1010 SAT, ranked in the top half of the class, achieved "B" or better grades in Math and English, and good recommendations from the high school counselor.

Students transferring from undergraduate majors of other colleges must have a minimum quality point ratio of 2.5.

For information concerning the admission procedures, please refer to the section on University Admissions.

GRADUATE DEGREE PROGRAMS

Master of Business Administration (M.B.A.)

The M.B.A. degree is offered for full-time or part-time study in a traditional or weekend format. Specific course requirements for the degree will provide students with a strong educational background. Students with a recent Bachelor's degree and a good academic average at an accredited business college may be able to complete the M.B.A. with 30 semester hours of advanced study. Students with a Bachelor's degree in a non-business field generally require 54 semester hours to complete the M.B.A.

Mission Statement

The Master of Business Administration (M.B.A.) in General Administration at the University of Bridgeport develops effective and responsible leaders for business, industry, and government. Because the University of Bridgeport is located near the center of one of the nation's major concentrations of corporate headquarters, our faculty and students will be a significant regional resource. Because businesses in this region are truly multinational, the M.B.A. curriculum encourages a global perspective.

To this end, the M.B.A. program at UB not only emphasizes traditional management skills but also stresses the technical and cultural preparation necessary to understand the increasingly complex international environment. In accomplishing this goal, teaching methods will include a mix of lecture, case study, experiential learning, and analysis of international socio-political issues.

Graduates of the University's M.B.A. program will have the analytic and interpersonal skills to be effective leaders: they will be responsible leaders because they will have learned how to employ these skills to improve their communities as well as their companies.

School of Business

Prerequisites, Criteria and Procedures

The applicant must present an appropriate baccalaureate degree from an accredited institution of higher education. Official transcripts of all previous work must be sent to the Office of Graduate Admissions.

No specific undergraduate curriculum is expected or preferred before entry to M.B.A. study. As a professional program the M.B.A. is designed to build upon undergraduate study in the arts, humanities, science, engineering or other curricula. Students with little experience with computers will be required to register for appropriate additional coursework in their first year of study.

New classes are admitted each fall and spring for full-time or part-time study. Summer course offerings also allow new admissions for part-time study. Full-time students may begin in summer for any remediation study, to ease their course load during the regular semesters, and in some cases to accelerate their study program.

Applications and supporting credentials for full-time students should normally be submitted at least two months before the desired starting time, and for part-time students at least one month.

Graduate Management Admission Test

(GMAT and TOEFL)

The GMAT is designed to measure aptitude for graduate study. It is not a test for knowledge in specific business subjects. The test is given regularly in the United States and some foreign countries. Application forms may be obtained from the Office of the Director of the M.B.A. or by writing directly to GMAT, Educational Testing Service, Box 966, Princeton, New Jersey, U.S.A. 08540.

Applicants whose principal language is not English must also take the Test of English as a Foreign Language (TOEFL).

Students scoring below 550 will be re-tested upon arrival at the University and may be required to complete a portion of the University of Bridgeport's Intensive English Language Program. Information about TOEFL may be obtained from TOEFL, Educational Testing Service, Princeton, New Jersey, U.S.A. 08540.

Admission to the School of Business

The University of Bridgeport MBA Program is designed to help graduates achieve high levels of responsibility through knowledge and developed skills in their work, community, and the greater society. Toward this end, a variety of criteria are used to help faculty determine the ability of applicants to succeed in the rigors of the UB-MBA program.

A bachelor's degree in any discipline and a good academic record are considered the minimum criteria for admission. In addition, for applicants with little or no managerial or professional experience, the secondary admissions criteria are universally accepted objective measures. However, individuals who have already achieved a significant position of leadership and responsibility in their business community can be considered based on achievement measures.

ALL APPLICANTS:

All applicants should submit to the Office of Graduate Admissions:

1. An application to the MBA Program.
2. A personal statement giving the reason the applicant wishes to study in the program.

RECENT COLLEGE GRADUATES AND NON-PROFESSIONALS

Applicants for admission who received a bachelor's degree within the previous three years, and those who do not qualify as experienced professionals (described below), must take the Graduate Management Admissions Test (GMAT).

Recent college graduate applicants should request the following to be submitted to the Office of Graduate Admissions:

3. Official transcripts of all previous college coursework.
4. Graduate Management Admissions Test scores (GMAT)
5. Two letters of recommendation.

EXPERIENCED PROFESSIONALS

Applicants for admission who have been working in a managerial or professional position for at least the previous three years may not be required to take the GMAT. Factors that will be considered include number of years in an exempt position along with the level and nature of responsibilities, and/or other graduate degrees or professional certifications.

Experienced professional applicants should provide and/or request the following to be submitted to the Office of Graduate Admissions:

3. Official transcripts of all previous college coursework.
4. A resume indicating management responsibilities for at least the past three years.
5. An essay regarding goals in pursuit of the MBA. (This replaces item 2 above).
6. A letter of recommendation from your employment superior.
7. Any evidence of professional certification in fields requiring preparatory collegiate education (such as CPA, CFA, LLD, MD, DDS, etc.)

INTERNATIONAL APPLICANTS

An additional requirement of all applicants whose native language is not English is the Test of English as a Foreign Language (TOEFL). Any student scoring below 550 will be re-tested upon arrival and may be required to complete a portion of the University's "Intensive English Language Program" before being allowed to register for MBA classes.

In all cases the Graduate Admissions Committee makes the final determination on admissions.

School of Business

Requirements for Graduation

To qualify for the degree of Master of Business Administration, a student must fulfill the following minimum requirements:

1. Admitted to candidacy for the degree in the School of Business.
2. Satisfactorily complete all subject requirements in the program with an average grade of "B" or better (3.0 QPR).
3. File an application for the degree at the Records Office by the date published in the University Academic Calendar.
4. Complete all requirements within five years from the date of first graduate registration, unless a petition for extension of time is granted.

Scholastic Standards

Students are expected to maintain a 3.0 average. A student whose QPR drops below 3.0 will be placed on scholastic probation and may be dropped from the program unless a 3.0 average is achieved within the next 9 semester hours or unless substantial improvement is demonstrated in the semester following probation.

Grading Policy

Passing grades for graduate study range from A to C-. Any work below C- will be assigned an F. Incomplete work (I grade) must be completed within a year or it becomes an F. To continue in the M.B.A. program, a student should attempt to repeat immediately a course in which an F was received. In computing QPR, the grade from the first repeat of a course replaces the original grade.

Grades from transfer or waiver credits and from non-M.B.A. or undergraduate courses taken after the beginning of the program are excluded from QPR calculations.

Graduate Assistantships

Research assistantships are available on a competitive basis for outstanding full-time students. Graduate assistants may earn as many as nine semester hours a semester, and their eligibility is reviewed each semester. Full-time assistantships require the recipient to work with faculty in the College for 20 hours a week during each semester, and 15 hours a week during the summer term.

Scholarships and Awards

The James E. and Madeline M. Allen Scholarship Fund was established by James E. and Madeline M. Allen, alumni of the University. Income from the endowment provides an annual award to a deserving student in the Graduate Business Degree Program. Preference is given, respectively, to Brazilian, Latin American and United States students.

The Erwin S. Robinson, Jr. Memorial Fund was established by Mrs. Erwin S. Robinson. A male graduate student of the School of Business in need of financial assistance may be presented with an amount not to exceed \$500. The award may be made annually.

The Director's Award is a certificate presented annually to the top-ranking Master of Business Administration graduate.

Dean Francis X. DiLeo Memorial Scholarship Fund was established by alumni, faculty and friends of the late Dean Francis X. DiLeo. Income from this fund provides partial scholarship awards to deserving students on the basis of academic excellence and leadership.

M.B.A./Management Engineering

M.B.A./Management Engineering courses offered by the College of Engineering are available for application to the M.B.A. degree. Specific courses for this study are selected and approved by the student's faculty advisor and the Director of the M.B.A. program.

Advisory Council and Faculty Fellows

Two groups of leading individuals, the Advisory Council and the Faculty Fellows, have been especially active in working with the School of Business.

ADVISORY COUNCIL

The Business School Advisory Council is composed of distinguished local business leaders. It offers opportunity for exchange of perspectives and knowledge between the University and the Business Community. A variety of ways are employed to achieve this end including periodic formal meetings that expose the work of faculty and students to the Council, on-site visits of faculty and students to member facilities, provision of opportunity for co-op student employment and internship, participation by council members as speakers in appropriate classes, as well as participation by council members in the evaluation of curriculum and teaching methods. The council is also called on from time to time to help develop and evaluate programs for the broader business community under the umbrella of the University's Trefz Foundation and its Center for Venture Management.

Current members of the Council include David Bodine, CEO, Bodine Corporation; Ron Sharp, Partner, Pullman & Comley; Mike Roer, CEO, The Bridgeport Innovation Center; Chuck Matteson, CEO, Boomerang, Intl.; Jim Carbone, CEO, Modern Plastics Corporation; John Morgan, CEO, Seymour-Sheridan, Inc.; Ann Stoddard, CEO, The Country Mouse; Dean Hottle, Director of Taxation, Service American Corporation; Walter Lazarcheck, CFO, Bridgeport Machines, Inc.

FACULTY FELLOWS

Faculty Fellows are recognized in their particular fields, holding significant positions in business and management-related

School of Business

professions. The Faculty Fellows have had an active role in working with students as guest lecturers and in meetings with large or small groups of students. This provides a strong supplement to the student's formal education, helping bring real world problems into the classroom. Individuals who have served as Faculty Fellows include: Drummond C. Bell, chairman, National Distillers & Chemical Corporation; H. Kurt Blumberg, chairman, Irwin Industries; Alan W. Drew, vice chairman, Peabody International Corporation; S. Robert Breitbarth, president, General Cable International, Inc.; George R. Dunbar, general manager, Circuit Devices Division, Westinghouse Electric Corporation; Leandro P. Rizzuto, chairman and president, Conair Corporation; George W. Harvey, chairman, president, CEO, Pitney Bowes Inc.; Betty Hollander, chairman and chief executive officer, Omega Engineering Inc.; Roger M. Keefe, chairman of the Executive Committee, Connecticut Bank and Trust Corporation; Victor K. Kiam, II, president and chief executive officer, Remington Products Inc.; Robert H. Sorenson, president and chairman of the Board, the Perkin-Elmer Corporation.

CORPORATE SPONSORSHIP

SAS Institute Inc., is a corporate sponsor of the School of Business. SAS is the largest privately held software company in the world, delivering software and services to more than 35,000 business, government and university sites in 110 countries.

School of Education and Human Resources

School of Education and Human Resources

Dean: James J. Ritchie
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(203) 576-4192

Division of Education
Associate Dean: Allen P. Cook
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(203) 576-4198

Teacher Preparation Programs
Director: Patricia I. Mulcahy-Ernt
Carlson Hall
(203) 576-4201

Student Teaching and
MOD MAP Programs
Director: Richard C. Harper
Carlson Hall
(203) 576-4194

International Programs
Director: William Jassey
Carlson Hall
(203) 576-4862

Intern Program
Director: Alfred Tufano
Carlson Hall
(2032) 576-4203

Division of Educational Administration
Director: John W. Mulcahy
Carlson Hall
(203) 576-4574

Division of Counseling &
Human Resources
Director: Joseph E. Nechasek
Carlson Hall
(203) 576-4175

Faculty: Burlew, A. Cook, J. Cook, Frey,
Grant, Harper, Jassey, Kirschmann,
Maimon, Mulcahy, Mulcahy-Ernt,
Nechasek, Ngoh, D. Phillips, L. Phillips,
Ritchie, Soares, Thomas

Mission Statement

The School of Education and Human Resources is dedicated to providing its students with the opportunity to become educated, productive, and morally concerned citizens of their city, country, and the world. To serve these ends, the School offers an array of professional programs designed to prepare students for careers and leadership positions in education and in human services. The School recognizes a specific obligation to feature training and experiences central to preparing students to respond effectively to the fundamental needs of the cities of Connecticut and the region.

Consistent with and supportive of the increasing national demand for better schools, the Division of Education has accredited programs which provide for the training of highly effective classroom teachers, options for students interested in teaching careers and incentives for better students to enter the teaching profession.

In pursuit of its objectives, the Division of Education considers three requirements to be basic: a broad cultural background, intensive study in one particular field of knowledge, and professional training. To plan, conduct, and evaluate its program, the Division draws on many resources of the University.

Through professional training and field experiences, the student gains solid knowledge of educational objectives; of school curricula, organization, and activities; of the nature of the learner and the learning process; and of the evaluation outcomes.

The Division of Counseling and Human Resources develops, coordinates, monitors and implements a wide range of learning opportunities and services for persons interested in entering the human services field. Current programs within the division include: Gerontology, Human Services, Center for the Study of Aging. Significant learning opportunities are constantly being developed to meet changing needs in the field of human services.

Accreditation

All degree programs in the School of Education and Human Resources are licensed and accredited by the Connecticut Board of Governors for Higher Education and the Commission on Institutions of Higher Education, New England Association of Schools and Colleges, Inc. The certification programs in Education are accredited by the Connecticut State Department of Education.

Admission Criteria and Procedures

The General Admission policy and procedures for the University of Bridgeport are found in the chapter on Admissions. Policies and procedures for admission to the teacher certification programs are listed in the program descriptions in this catalog.

UNDERGRADUATE SCHOOL

The School of Education and Human Resources encompasses programs that prepare students to assume careers in human services. The undergraduate school offers a major in Human Services.

Undergraduate Degree Programs

Division of Counseling and
Human Resources
Human Services (B.S.)

GRADUATE SCHOOL

The School of Education and Human Resources offers programs which lead to Master's Degrees in Counseling and Education (M.S.). Sixth Year degrees are offered in Counseling and Education. A Certificate Program in Remedial Reading and Remedial Language Arts is offered at the Sixth Year Level. A Sixth Year Diploma is also offered in Educational Administration and Supervision. A Doctoral Degree (Ed.D.) is offered in Educational Leadership.

School of Education and Human Resources

Certification tracks are available in designated programs that lead to State licenses in teaching and administration. These certifications may be pursued simultaneously with the degrees.

Programs in the School of Education and Human Resources combine the practical needs of professional training with the theoretical grounding necessary for persons interested in quality preparation for leadership roles in their careers. The advanced degrees and the certifications open the doors to a range of career possibilities within traditional counseling and educational institutions, as well as in developing allied fields.

The Doctorate, in particular, leads to advancement in public services and businesses that value a combination of management and people skills.

Admission Requirements

Candidates for admission to the graduate programs of the School of Education and Human Resources must present the following for review:

SCHOOL OF EDUCATION AND HUMAN RESOURCES

COUNSELING

- A. Bachelor's degree from an accredited institution or a recognized international institution with a minimum of 12 credit hours in social/behavioral sciences.
- B. 2.5 recommended grade point average.
- C. Supplemental application.
- D. Two letters of recommendation.

EDUCATION

- A. Bachelor's degree from an accredited institution or a recognized international institution.
- B. Two letters of recommendation.
- C. B- recommended grade point average.

EDUCATIONAL MANAGEMENT

- A. A completed master's degree from an accredited institution.
- B. GRE or Miller Analogies Test scores.
- C. Personal statement that includes: reason for interest in doctoral program; description of personal and professional accomplishments.
- D. Two letters of recommendation.
- E. Demonstrated scholarship in the area of management.

Graduate Degree Programs

Counseling (M.S.)

Community Counseling
Human Resource Development

Counseling (6th year)

Education (M.S.)

Educational Administration and Supervision (6th year)

Educational Leadership (Ed.D.)

Education (6th year)

Education (6th year)

Remedial Reading and Language Arts

Teacher Certification

The university maintains an accredited Teacher Certification Program for Elementary level (1-6); Middle grades (4-8); and Secondary grades (7-12) in Biology, Business, Chemistry, Earth Science, English, Mathematics, History and Social Studies; and Music (K-12); Remedial Reading and Remedial Language Arts (1-12) and Intermediate Administrators.

For more information, please contact the Education Department at (203) 576-4192.

Graduate Intern Program in Education

The University offers an internship in Education. The Internship is an integration of graduate study and field experience in an elementary, middle, or secondary school. **Graduate course work**

is tuition-free. The following options are available to the intern:

1. Internship for those who wish to be State certified as elementary, middle, or high school teachers
2. Internship for those already certified but who want to take advantage of the tuition-free program to pursue a Master's degree or Sixth Year Certificate
3. Internship for those who do not wish to be certified, but wish to earn a Master's degree in Education for work with young people in non-public American schools, schools in another country, or in other educational or training settings.

For more information, please contact the Director of the Intern Program at (203) 576-4193.

Registration Procedures

Students may register by mail two months prior to the opening of each semester. Mail registration forms are available from the Office of the Registrar, Wahlstrom Library, 126 Park Avenue, Bridgeport, CT 06601. A new student may use the mail registration procedure only upon inclusion of a permit card issued by the Office of Graduate Admission. Registration in person may be made on the day of the registration indicated on the Academic Calendar. Registration for courses must not be construed as constituting acceptance into a graduate program.

School of Engineering

Dean: Tarek Sobh

C. Dana Hall
(203) 576-4111

Faculty: Aref, Bauer, Dichter, Elleithy, Grodzinsky, Hmurcik, Liu, Mahmood, Rao, Sobh, Ting

Degree Programs

Computer Engineering (B.S., M.S.)

Computer Science (B.S., M.S.)

Electrical Engineering (M.S.)

Mechanical Engineering (M.S.)

Technology Management (M.S.)

Mission Statement

The University of Bridgeport School of Engineering is both an education provider and a knowledge resource. Our clients are students, the companies that hire them, and various other institutions in Bridgeport and the surrounding region, the United States, and all parts of the world.

In the programs we offer, we are responsive to the technology-driven evolving trend in the workplace toward concurrent processes involving design, engineering, and technical project management, while providing a sound foundation built upon fundamental knowledge. We promote creativity and emphasize a team approach to problem-solving. Among institutions in the Northeast, we are uniquely positioned to offer integrated engineering curricula.

Graduates of our programs possess broad knowledge, professional training, learning skills, and leadership ability that enable their success in an evolving global economy and allow for the betterment of the communities in which they live.

Undergraduate

The Computer Engineering program prepares graduates for the practice of engineering at the entry level and helps graduates develop the ability to pursue a course of lifelong learning. A secondary aim is to provide a foundation for those interested in and qualified to pursue graduate studies. The program emphasizes a sound broad-based interdisciplinary

technical education, with the integration of the practice of engineering design throughout the curriculum.

The program in Computer Science prepares students to solve theoretical and applied problems relating to programming and programming applications. Acquiring both skills and fundamental knowledge is stressed in the curriculum. An additional goal is to provide students an excellent foundation for advanced study in graduate programs.

Graduate

The graduate offerings of the School of Engineering are intended for those who wish to enhance their expertise with an emphasis on professional applications.

Accordingly all programs for the Master of Science degree require at least one of the following: comprehensive examination, writing a thesis based on independent research, or completion of an appropriate special project.

Accreditation

All degree programs in the School of Engineering are licensed and accredited by the State of Connecticut Department of Higher Education and the New England Association of Schools and Colleges. The Bachelor of Science degree program in Computer Engineering is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology.

Admission Criteria and Procedures

UNDERGRADUATE ENGINEERING:

Students who perform well in the undergraduate programs are generally found to have met the following criteria:

- A. SAT scores of 530(R) verbal and 560(R) math; or composite ACT score of 22.
- B. Grade point average of "B", (2.5) or better.
- C. Rank in the top half of the high school graduating class.

- D. Four years of mathematics; two lab sciences and an additional science unit in high school.

At the discretion of the Admissions Committee, students who meet two out of the above standards can be admitted into the major.

GRADUATE ENGINEERING

Candidates for admission to the graduate programs of the School of Engineering and Design must present the following for review:

- A. Bachelor of Science degree or its equivalent in Engineering or related applied sciences from an accredited institution or recognized international institution.
- B. Two letters of recommendation.
- C. 2.8 recommended grade point average.
- D. Demonstrated capacity for independent study and the ability to pursue graduate level work

For information concerning undergraduate and graduate admission procedures, please refer to the section on University Admissions.

General Criteria for Degrees from the School of Engineering

Upon recommendation of the faculty of the School of Engineering the University of Bridgeport will award the Bachelor's degree to the student of good character who fulfills the following minimum requirements, in addition to those listed in the chapter on Academic Regulations.

1. Participation in such departmental seminars as the faculty prescribes.
2. Earning the total semester hours required for the individual curriculum as listed in the following pages.
3. Earning a "C-" or better in every course in the major and with a cumulative average of 2.0 in the major courses. Each department designates the courses to be included in the major and

School of Engineering

decides the procedure necessary to remove each deficiency, including any "D" in a major course. When a course is a prerequisite to another, a "C-" or better in the prerequisite course may also be a requirement.

Requirements for the Master of Science Degrees

ACADEMIC PERFORMANCE

Students in a degree program who do not maintain a satisfactory record will be separated from the Graduate School. Normally, the accumulation of one "F" grade, or more than one "D" grade, or more than three "C" grades will result in separation.

COURSE LEVELS

400-499—Open to graduate students and to qualified undergraduates. 500-599—Open to graduate students only.

TIME LIMITATION AND PROGRAM CONTINUITY

All requirements for the degree of Master of Science must be completed within six years (twelve consecutive semesters) of the effective start of an approved graduate program of study. Once a program is initiated, the student must maintain continuous enrollment until completion. Under certain circumstances, a student may be granted permission to interrupt his/her program by petitioning the director in writing, stating the underlying circumstances. Program interruption without formal permission will constitute grounds for dismissal from the Graduate School.

DEGREE PROGRAM REQUIREMENTS

All students studying for the Master of Science degree must have on file an approved program of study on the form provided. Programs of study are worked out between the student and his/her advisor to meet both the student's desires and the graduate faculty's philosophy of an integrated program. The program of study must carry the approval of the chair of the department awarding the degree.

Changes in the approved program of study must be approved by the student's program advisor and the department Chair.

GENERAL THESIS REGULATIONS

Students are encouraged to include a thesis investigation in their approved program of study. Accumulation of thesis semester hours and work done during a thesis investigation must be continuous up to the time of its completion. Only those students designated as regular graduate students who have satisfied the following requirements will be permitted to accumulate thesis credits. During the semester prior to that in which the student desires to initiate his/her thesis investigation, he/she must have:

1. Included a thesis investigation in his/her approved program of study;
2. Sought and obtained a member of the graduate faculty who agrees to act as his/her thesis advisor;
3. Submitted a completed thesis investigation form to the department in which the degree is to be awarded;
4. Obtained a Thesis Committee, appointed by the department chair, consisting of three members of the graduate faculty (including the advisor as committee chair).

Students should obtain a copy of "Specifications for Master's Thesis" from the office of the department chair which describes requirements in detail.

All theses in Engineering must be presented at a faculty-graduate seminar. It is the student's responsibility to ensure that this requirement is fulfilled, and that written notice of the presentation is distributed to all interested persons at least one week before the event.

Students who are in the process of completing a thesis are required to register for at least two semester hours of thesis in each semester, including summer, that they actively engage in that activity under faculty guidance. Semester hours thus accumulated that total more than the approved program-of-study requirement are not counted toward the degree.

Upon successful completion of the thesis, and acceptance by the Thesis Committee, provided all other requirements in the program of study are completed, the student becomes eligible for the degree.

Completion of Master's Degree

The Master of Science degree will be awarded only to those students successfully completing the following requirements:

1. A minimum of 30 semester hours with a QPR of "B" or better in an approved program of study. The number of semester hours which may be transferred from another institution is an individual matter that will be reviewed by the major department, but is normally no more than 6 semester hours (8 semester hours in the case of laboratory courses).
2. Satisfactory completion of the state licensure requirements as prescribed by the faculty of the major department, and a favorable recommendation from the faculty upon review of the student's program and performance, after the student has made formal application for a Master's diploma.

When the degree is completed with a thesis, a minimum of eight courses of three semester hours each are required for the Master of Science degree in Electrical Engineering or Mechanical Engineering. For the Master of Science degree in Technology Management, nine courses of three semester hours each plus six semester hours (minimum) of thesis are required; for students holding the Bachelor of Science in Manufacturing Engineering or Industrial Engineering from an approved program, this requirement may be reduced to eight courses of three semester hours each, plus six semester hours (minimum) of thesis.

Cooperative Education Program

The School of Engineering offers an optional cooperative education program. See the Cooperative Education section of this Catalog for further information.

The International College

Dear: Thomas J. Ward
516 Wahlstrom Library
203-576-4968

New England Center for International
and Regional Studies

International Political Economy
& Diplomacy

Chair: Dr. Hans van der Giessen

Social Sciences

Chair: Dr. Hans van der Giessen

World Religions

Chair: Dr. Stephen E. Healey

Faculty: van der Giessen, Healey, Maine,
Rubenstein, Ward

Degree Programs

International Political Economy
and Diplomacy (B.A.)

Social Sciences (B.A.)* *

History

International Studies

Political Science

Psychology

Sociology

World Religions (B.A.)

***This major is also offered through the
School of Arts and Sciences.*

Honorary Fellows* of the New England Center for Interna- tional and Regional Studies:

Hon. Mr. Hennadiy Udovenko, *President
of the 52nd Session of the UN General
Assembly and Foreign Minister of
Ukraine (1997)**

Hon. Oleg Davydov, *Minister of Trade
of the Russian Federation (1997)*

Dr. Vladimir Kvint, *Managing Director
of Emerging Markets, Arthur Andersen
(1997)*

Dr. Julio A. Macchi, *Chairman of the
Buenos Aires Stock Exchange (1998)*

Hon. Didier Operti, *President of the 53rd
Session of the UN General Assembly and
Foreign Minister of Uruguay (1998)*

Hon. Victor Chernomyrdin, *Former Prime
Minister of the Russian Federation (1999)*

Hon. Guido de Marco, *President of the
45th Session of the UN General Assembly
and President of Malta (2000)*

Hon. Theo-Ben Gurirab, *President of the
54th Session of the General Assembly
and Foreign Minister of the Republic of
Namibia (2000)*

Hon. Ibrahim Gambari, *UN Under-
Secretary-General and the Adviser to the
Secretary-General for Special Assignments
in Africa (2000)*

*Honorary Fellows are chosen because of
their outstanding contributions in advan-
cing world peace, sustainable develop-
ment, and/or international economic
relations.

**Indicates the year when the Honorary
Fellow designation was conferred.

Description

The International College of the Univer-
sity of Bridgeport is committed to sup-
porting and furthering the international
mission of the University and to prepar-
ing the University's domestic and inter-
national students alike for the trans-
national political, cultural, and economic
climate and workplace of the future. The
College reflects the University of
Bridgeport's commitment to preparing
students for the growing trend toward
global integration, sustainable develop-
ment, and the strengthening of democratic
institutions. It seeks to prepare students
for careers in international agencies and
organizations as well as governmental and
non-governmental organizations having
an international focus. The College's aca-
demic programs do so through teaching
and applying the social, political, eco-
nomic, and historical methods of inquiry
and bringing them to bear on current glo-
bal issues. Through its academic programs

and its interaction with the University of
Bridgeport's other Schools, Colleges and
Programs, the College encourages UB stu-
dents to interface with the world's great
political, philosophical, and religious tra-
ditions.

Consistent with the University Mission, the
International College of the University of
Bridgeport is committed to providing its
students with both "career-enhancing,
quality education" and with the necessary
academic training to enable its graduates
to render meaningful service in a wide
array of non-governmental, governmen-
tal, or intergovernmental organizations.
Recognizing the importance of a broad
cultural base, synthetic and analytic skills,
and mastery of foreign languages, the
International College encourages learning
in these areas. While providing students
with a background into the genesis and
evolution of modern democratic institu-
tions, the program also seeks to bring to
its students an inclusive appreciation of
the fundamental forces that have shaped
the world's major cultures.

These include:

1. Understanding the different spiritual
foundations and dimensions of civili-
zations and the role that they have
played in their development,
2. Knowledge of the physical dimensions
of cultures, including spatial consider-
ations, demographic dynamics, and re-
source availability, as well as an ap-
preciation of their economic, political,
and social structures and realities.

Lifelong Learning

Recognizing the growing importance of life-
long learning the College is committed to
developing non-traditional and distance-
based educational programs for adult learn-
ers and to assisting international organiza-
tions in the ongoing training of cadres.

The International College

Special Areas of Interest

In academic years 1998-1999 and 1999-2000 the New England Center has held sessions with UN officials and UB students and faculty in the United Nations General Assembly Hall. Since 1996 the Center has sponsored lectures, conferences, and seminars on the United Nations and other international organizations; the impact of regional customs unions; international human rights; and emerging markets. At UB it provided a forum where students representing their respective nations have organized very constructive public symposia on topics such as border and ethnic divides in hotspots such as Bosnia, Kosovo, and Kashmir. UB students have participated with distinction in the Model United Nations at Harvard University in academic years 1998-1999 and 1999-2000.

The International College and the Study of the United Nations

The International College of the University of Bridgeport has a particular interest in International Organization and the UN particular. The College especially encourages research in two areas:

1. The growing (and changing) role of non-governmental organizations vis-a-vis the United Nations and
2. The evolving nature of political and economic relations between the United Nations and world powers, particularly the United States.

Admissions Criteria

A student is admitted to the majors in the International College of the University of Bridgeport after an evaluation of the high school transcript, class standing, counselor recommendations, and SAT scores. The student should demonstrate potential in analytical reasoning, comprehension, verbal expression, intellectual growth, and a demonstrated interest in international affairs and or/world culture.

Experience indicates that, in order to perform well in the University's general education core, students will have at least a 3.0 G.P.A. in high school, S.A.T. scores of 1000 or higher, and have achieved "B" or better in English and other Liberal Arts subjects.

Accreditation

The degree programs in the International College of the University of Bridgeport are licensed and accredited by the State of Connecticut Department of Higher Education and the New England Association of Schools and Colleges (NEASC).

Division of Health Sciences

Mission Statement

The Division of Health Sciences includes the College of Chiropractic, the College of Naturopathic Medicine, Acupuncture, the Nutrition Institute, the Fones School of Dental Hygiene. In accord with the mission of the University, the Division of Health Sciences seeks to establish itself as the leader in the development of integrated medicine, through education, research and clinical practice.

A variety of programs are offered through the Division, with particular emphasis placed on professional programs in the area of complementary and alternative medicine, notably Chiropractic and Naturopathic Medicine. The Division provides opportunities for students in different programs to interact through shared courses in basic sciences, as well as other courses of common interest. The highest ethical standards are expected of all students.

Clinic outreach provides care for those in the local urban area. Research facilities are an integral component of clinic.

Recognizing the need for alternatives to traditional, on-campus study in the area of health sciences, the Division offers an on-line program in Human Nutrition.

College of Chiropractic

Dean: Frank Zolli

Associate Dean for Academic Affairs:
Anthony Onorato

(203) 576-4279

75 Linden Avenue

Director of Admissions: Amy J.B. Knowles
(203) 576-4348

Faculty: Bennett, Brady, Dube, Erickson, Ferraro, Galiger, Greenstein, Harrison, Innes, Mattie, Muhs, Onorato, Palazzo, Parsons, Paul, Perle, Perrault, Pressman, Ross, Rutkowski, Sawitzke, Scotti, Zolli

Chiropractic is the philosophy, art, and science which concerns itself with the relationship between structure and function of the human body, as that relationship may affect the restoration and preservation of health. The College of Chiropractic prepares students to be primary health care providers. Each student is educated to diagnose, to care for the human body, to understand and relate fundamental scientific information, and to consult with, or refer to other health care providers.

The University of Bridgeport College of Chiropractic is a non-profit, coeducational professional institution which grants the Doctor of Chiropractic (D.C.) degree to graduates who successfully complete four academic years of study including a clinical internship. The program is offered on a full-time basis with no students admitted to a part-time course of study. There are no correspondence courses offered.

Degree

Doctor of Chiropractic (D.C.)

Accreditation & Membership

"The doctor of chiropractic degree program of the University of Bridgeport College of Chiropractic is accredited by the Commission on Accreditation of the Council on Chiropractic Education, 7975 N. Hayden Road, Suite A210, Scottsdale, AZ 85258. Tel: (602) 443-8877. Accreditation

is a status granted by the Commission on Accreditation of the Council on Chiropractic Education to programs or institutions that have been found to meet the stated Criteria for Accreditation and also to have satisfactorily addressed the program's or institution's mission, goals and objectives. Accreditation entitles programs and institutions to the confidence of the educational community and the public it serves. The College of Chiropractic is also a member of the Association of Chiropractic Colleges.

Mission Statement

The University of Bridgeport College of Chiropractic (UBCC) is an integrated unit of the University of Bridgeport, a private, non-sectarian, international institution of higher learning, dedicated to career enhancing, quality education in keeping with its long-standing tradition of individual concern for each student's distinctive needs. As one of the colleges of the University of Bridgeport, the College of Chiropractic, consistent with the Mission of the University, seeks to: encourage the development of highly trained, mature, and independent men and women; place particular emphasis on the importance of its students' assumption of personal responsibility and moral commitment in the conduct of life and on the preservation and strengthening of the highest values and ethical norms. The primary mission of the UBCC as the first university-based chiropractic college within North America and as the only chiropractic college in New England and the New York City metropolitan region, is to:

Provide a comprehensive, full-time education that prepares qualified candidates to become doctors of chiropractic. This program of study will:

- Present a clinically relevant and integrated basic and clinical sciences curriculum that is rational, research-based, scientific and current in regard to basic sciences, chiropractic principles and practice, and related health sciences,

- Emphasize problem-based and competency assessed pre-clinical and clinical learning,
- Utilize the institutional strengths, resources, and programs of the University,
- Emphasize within its curriculum that:
 - the body is an integrated unit,
 - the body has intrinsic self regulating and healing mechanisms,
 - structure and function are inter-related,
 - the neuromusculoskeletal system can effect the functioning of other body systems and these systems can effect the functioning of the neuromusculoskeletal system, and,
 - diversity and pluralism exist within the chiropractic profession.

Produce graduates who will be competent to practice as portal of entry, primary care, doctors of chiropractic with the following qualities and competencies for the benefit of their patients:

- Knowledgeable in the science, art and principles of the conservative, drugless, non-surgical approach to health-care that is chiropractic,
- Understand the psychomotor and therapeutic effects of the chiropractic adjustment, and be aware of its neurological, physiological and biomechanical effects,
- Knowledgeable of the therapeutic effects and application of physiological therapeutics and nutritional intervention,
- Possess critical thinking skills and thereby be able to assess and incorporate new and relevant treatment and diagnostic methods,
- Practice with a compassionate and humanistic approach,
- Prepare students to attain leadership roles within their communities,

College of Chiropractic

- Possess effective communication and interpersonal skills to facilitate health maintenance and wellness education,
- Embrace strong, ethical values,
- Become a lifelong, self-directed learner,
- Utilize a multidisciplinary and multi-dimensional approach to diagnosis and patient care,
- Integrate within a multidisciplinary health care team.

Advance chiropractic and its knowledge base through scholarship and research. To this end the college will:

- Encourage cooperation between the basic and clinical sciences faculties,
- Encourage and support its faculty and students in the pursuit of research,
- Maintain a faculty competent to engage in research and to teach and direct students in research methods, scientific inquiry and critical thinking,
- Support research projects that are relevant to chiropractic practice, education and instructional methods,
- Encourage joint research with other disciplines within the University or by affiliations with other institutions,
- Provide for and encourage the professional development of its faculty,
- Encourage its qualified students and faculty to pursue advanced studies offered by the university,
- Maintain a contemporary collection of library and resource materials to support the program and the research interests of the faculty.

Maintain out-patient clinical facilities which will provide:

- Cost-effective chiropractic patient care services,
- Community service programs,
- Broad-based clinical internships,
- Opportunities for clinical research.

Raise the standards of care of practicing doctors of chiropractic and their staff in our service area by providing:

- Current, continuing education programs,
- A contemporary, chiropractic resource center and services.

Develop within the university a program of recruitment and education designed with College of Chiropractic input:

- For high school graduates: an undergraduate, pre-chiropractic program,
- For college educated candidates: a traditional and accelerated program providing prerequisites for admission to the College of Chiropractic,
- For the University and Bridgeport communities: health services and programs to enhance the health and well-being of each individual,
- For professionals and general public: recruitment and career information, education and research.

Maintain chiropractic as a separate and distinct healing art while integrating chiropractic into the education, research and health-care systems nationwide.

Curriculum

“A Doctor of Chiropractic is a physician whose purpose is to meet the health needs of the public as a member of the healing arts. He/she gives particular attention to the relationship of structural and neurological aspects of the body and is educated in the basic and clinical sciences as well as in related health subjects. Chiropractic science concerns itself with the relationship between structure (primarily the spine), and function (primarily coordinated by the nervous system) of the human body as that relationship may affect the restoration and preservation of health.

“The purpose of his/her professional education is to prepare the doctor of chiropractic as a primary health-care provider; to provide the students with a base of

knowledge sufficient for the performance of his or her professional obligations as a doctor of chiropractic. As a portal of entry to the health delivery system, the Doctor of Chiropractic must be well educated to diagnose for chiropractic care, to provide chiropractic care, and to consult with, or refer to, other health care providers as educated.” (From: The Council On Chiropractic Education, Standards For Chiropractic Institutions, 1/93).

It is the purpose of the University of Bridgeport College of Chiropractic program to offer as a minimum those courses and objectives as suggested in the CCE standards. It is also the purpose of the UBCC program to offer a broad-based educational experience. In many cases, the educational program presented will go beyond the course offerings suggested by CCE and will also go beyond individual state laws and scope of practice.

The University of Bridgeport College of Chiropractic curriculum is divided into three phases: Basic Sciences, Clinical Sciences, and Clinical Services.

The Basic Science curriculum instructs students in Anatomy, Physiology, Biochemistry, Microbiology, Public Health, and Pathology. These courses are offered primarily during the first two years of a student's education. It is the purpose of this aspect of the program for students to develop an understanding of both normal and abnormal structure and function, homeostatic mechanisms, and to gain a foundation upon which the clinical sciences will be built.

Students from their first semester onward are instructed in the Clinical Sciences. Course offerings include: Chiropractic History, Chiropractic Principles and Practice, Diagnosis, Radiology, Technique Procedures, Nutrition, and Physiological Therapeutics and Rehabilitation Procedures. Students are given in-depth training in the diagnosis and treatment of patients. Practical hands-on training is included beginning in Semester I and continuing to graduation. Information from the basic science curriculum is integrated

College of Chiropractic

into the clinical science course offerings and is a foundation upon which the clinical science courses build. Many of the clinical science courses have as a prerequisite successful completion of the basic science courses.

The Clinical Services phase of the curriculum is the last and most important aspect of the UBCC program. Interns at the College's Chiropractic Health Center care for patients under the supervision and direction of licensed doctors of chiropractic. To be eligible for this part of the curriculum, students must be in good academic standing, successfully completed all courses in Semesters I thru VI, and successfully completed the clinic services entrance examination. During the Clinical Services portion of the program students will continue to receive training in the clinical sciences. They will also continue to be evaluated during their internship in order to remain eligible for clinical services. To continue in Clinical Services, students must remain in good academic standing. Towards the completion of the Clinical Services program students will be administered a clinical competency examination which must be successfully completed prior to graduation.

Because each course is integrated with other course offerings, students should be aware of the prerequisite and corequisite requirements. Throughout the curriculum every effort is made to insure the relevance of information to chiropractic principles and practice. The following is a breakdown, by subject, of the time devoted to each area of study within the curriculum.

Licensure Requirements and Career Opportunities

LICENSURE REQUIREMENTS

The Doctor of Chiropractic degree program offered by the University of Bridgeport College of Chiropractic is accredited by the Council on Chiropractic Education. As indicated in a previous section, the college meets or exceeds the minimum educational requirements suggested by the CCE. Students who receive the Doctor of Chiropractic degree from UBCC are eligible for licensure in all states, Washington, D.C., Puerto Rico, the Canadian Provinces and other foreign countries as regulated by local laws and regulations without restrictions. Licensure in many states require students to complete Parts I, II, III and Physiotherapy examination as offered by the National Board of Chiropractic Examiners (NBCE). Additionally, some states also require that students pass the Part IV Practical Examination offered by the NBCE. Students should contact the NBCE or the Federation of Chiropractic Licensing Boards (FCLB) for additional information pertaining to licensure or the state(s) they wish to practice in. The College maintains a directory published by FCLB in the library as well as within various offices located in the College of Chiropractic. The directory contains information pertaining to licensure and to scope of practice within each state.

CAREER OPPORTUNITIES

Approximately eighty eight percent of the students who have entered the UBCC have completed the requirements for graduation as outlined in this catalog. Most graduates of UBCC go directly into a private practice of their own. Other graduates work as an associate with an experienced doctor or they may rent space within an existing practice.

Semester Based Curriculum

(18 WEEK PROGRAM PER SEMESTER)

NUMBER	COURSE	LECTURE	LAB	HRS	SEM HOURS
YEAR 1					
SEMESTER ONE					
AN 511	Histology	3	2	90	4
AN 512	Functional Anatomy and Biomechanics I: Spine	3	4	126	5
PP 511	Principles and Practice I: Chiropractic History and Philosophy	2	0	36	2
BC 511	Biochemistry, Metabolism, and Nutrition	3	2	90	4
PP 512	Principles and Practice II: Communication Skills	2	0	36	2
PP 513	Principles and Practice III: Ethics	2	0	36	2
AN 513	General Anatomy I: Viscera	3	3	108	4.5
CH 511	Chiropractic Examination Skills I: Palpation	1	3	72	2.5
AN 514	Embryology I	1	0	18	1
RS 511	Research Methodology/Statistics	2	0	36	2
				22	14 648 29
SEMESTER TWO					
DI 521	Diagnostic Imaging I: Normal Anatomy	1	2	54	2
PH 521	Physiology I	2	1	55	2.5
NS 521	Neuroscience I	2	2	72	3
PP 524	Principles and Practice IV: Subluxation Complex	2	0	36	2
AN 525	General Anatomy II: Head and Neck	3	3	108	4.5
DX 521	Diagnostic Skills I: Case History	1	2	54	2
AN 526	Functional Anatomy and Biomechanics II: Extremities	3	4	126	5
CH 522	Chiropractic Examination Skills II: Palpation	1	4	90	3
AN 527	Embryology II	1	0	18	1
				16	18 612 25
YEAR TWO					
SEMESTER THREE					
NS 612	Neuroscience II	4	2	108	5
PA 611	Fundamentals of Pathology	2	1	54	2.5
PH 612	Physiology II	4	2	108	5
TE 611	Technique Procedures: Soft Tissue	2	2	72	3
TE 612	Technique Procedures: Full Spine	2	2	72	3
DX 612	Diagnostic Skills II: Orthopedics and Neurology	2	4	108	4
DX 613	Diagnostic Skills III: Physical Examination	2	2	72	3
DI 612	Diagnostic Imaging II: Normal Anatomy	1	2	54	2
				19	17 648 27.5

College of Chiropractic

SEMESTER FOUR

PA 622	Systems Pathology II	4	2	108	5
TE 623	Technique Procedures: Full Spine	2	4	108	4
DI 623	Diagnostic Imaging III: Bone Pathology	2	2	72	3
DX 624	Laboratory Diagnosis	3	0	54	3
MB 621	Microbiology	4	2	108	5
DD 621	Differential Diagnosis I: Eyes, Ears, Nose, Throat	2	0	36	2
DX 625	Diagnostic Skills IV: Orthopedics and Neurology	2	4	108	4
CN 621	Clinical Nutrition I: Pathology and Assessment	2	0	36	2
		21	14	630	28

YEAR THREE

SEMESTER FIVE

TE 714	Technique Procedures: Full Spine	2	4	108	4
DI 714	Diagnostic Imaging IV: Arthritis and Trauma	2	2	72	3
PT 711	Physiologic Therapeutics I	2	2	72	3
DD 712	Differential Diagnosis II: Visceral	4	2	108	5
CN 712	Clinical Nutrition II: Treatment and Management	2	0	36	2
PH 713	Toxicology/Pharmacology	3	0	54	3
PS 711	Clinical Psychology	2	0	36	2
ER 711	Emergency Procedures	1	2	54	2
PP 715	Principles and Practice VI: Jurisprudence	2	0	36	2
MB 712	Epidemiology/Public Health	3	0	54	3
		23	12	630	29

SEMESTER SIX

DI 725	Diagnostic Imaging V: Chest and Abdomen/Review	1	2	54	2
TE 725	Technique Procedures: Full Spine	2	4	108	4
DI 726	X-Ray Positioning and Physics	3	2	90	4
DX 726	Clinical Diagnosis: Dermatology/ Gynecology/Geriatrics	4	0	72	4
DD 723	Differential Diagnosis III: NMS	4	2	108	5
PT 722	Physiologic Therapeutics II: Rehabilitation	1	2	54	2
DX 727	Maternal and Child Health	3	0	54	3
CS 721	Clinic Services I	1	4	90	3
		19	16	630	27

YEAR FOUR

SEMESTER SEVEN

		Clinical Entrance Examination			
CS 812	Clinical Services II	0	25	450	12.5
BP 811	Hospital Procedures, Insurance and Office Management	2	0	36	2
TE 816	Chiropractic Management: Case Diagnosis/Management/Technique Review/Critical Evaluation	0	6	108	3
RS 812	Thesis I	1	0	18	1
BP 812	Small Business Management	2	0	36	2
		5	31	648	20.5
		Clinical Competency Examination			

SEMESTER EIGHT

CS 823	Clinical Services III	0	25	450	12.5
DI 827	X-Ray Review	0	2	36	1
RS 823	Thesis II	1	0	18	1
		1	27	504	14.5
		Clinical Exit Examination			
CS 824	Clinical Services (6 Weeks)	0	25	150	4
		2	79	1158	33

BASIC SCIENCES 1442

CLINICAL SCIENCES 2556

CLINICAL SERVICES 1140

18 WEEK PROGRAM PER SEMESTER

TOTAL HOURS 5118

BASIC SCIENCES 1422

ANATOMY 594

Histology	90
Functional Anatomy I	126
General Anatomy I	108
General Anatomy II	108
Functional Anatomy II	126
Embryology I	18
Embryology II	18

PHYSIOLOGY 234

Physiology I	72
Physiology II	108
Toxicology/Pharmacology	54

BIOCHEMISTRY 90

NEUROSCIENCE 180

Neuroscience I	72
Neuroscience II	108

PATHOLOGY 162

Fundamentals of Pathology	54
Systems Pathology	108

MICROBIOLOGY & PUBLIC HEALTH 162

Microbiology	108
Epidemiology & Public Health	54

CLINICAL SCIENCES 2556

PRINCIPLES, PRACTICE AND PHILOSOPHY 216

Chiropractic History	36
Ethics	36
Subluxation Complex	36
Communication Skills	36
Jurisprudence	36
Research	36

RADIOLOGY 432

Imaging I	54
Imaging II	54
Bone Pathology	72
Arthritis	72
Chest	54
Positioning & Physics	90
Review	36

RESEARCH 36

Thesis I & II	36
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PHYSIOLOGIC THERAPEUTICS 126

Physiologic Therapeutics I	72
Physiologic Therapeutics II	54

DIFFERENTIAL DIAGNOSIS 288

Differential Diagnosis I	36
Differential Diagnosis II	108
Differential Diagnosis III	108
Psychology	36

CHIROPRACTIC SKILLS & TECHNIQUE 738

Exam Skills I	72
Exam Skills II	90
Technique Procedures	72
Technique Procedures	72
Technique Procedures	108
Technique Procedures	108
Technique Procedures	108
Chiropractic Case Management	108

DIAGNOSIS 522

History I	54
Skills II	108
Skills III	72
Laboratory Diagnosis	54
Skills IV	108
Clinical Diagnosis	72
Maternal/Child Health	54

NUTRITION 72

Nutrition I	36
Nutrition II	36

EMERGENCY PROCEDURES 54

BUSINESS PROCEDURES 72

Hospital/Ins./Office Procedures	36
Small Business Management	36

College of Chiropractic

CLINICAL SERVICES _____ 1140

Clinic I	90
Clinic II	450
Clinic III	450
Clinic IV	150

Course identification for the semester curriculum is as follows:

BASIC SCIENCES

AN Anatomy	BC Biochemistry
MB Microbiology & Public Health	NS Neuroscience
PH Physiology	PA Pathology

CLINICAL SCIENCES

BP Business Procedures	CH Chiropractic Exam Skills
CN Clinical Nutrition	DD Differential Diagnosis
DI Diagnostic Imaging	DX Clinical Diagnosis
RS Emergency Procedures	PP Principles and Practice
PS Clinical Psychology	PT Physiological Therapeutics
RS Research Skills	TE Technique Procedures

CLINICAL SERVICES

CS Clinical Services

The course numbering system is as follows:

- 500 level - courses offered in year one
- 600 level - courses offered in year two
- 700 level - courses offered in year three
- 800 level - courses offered in year four

The next digit identifies the semester the course is given in that academic year. The third digit indicates the sequence within that discipline.

- e.g. AN 511
- AN - Anatomy
- 5- year one
- 1- semester one
- 1 - first course in discipline sequence

Grades earned by students are submitted to the Registrar utilizing the following designations. Grades earned are on a four (4) point scale with an "A" or 4 quality points being the highest grade attained. Grades with quality points are:

GRADE QUALITY POINTS

A 4.0	C 2.0
B+ 3.5	D 1.0
B 3.0	F 0.0
C+ 2.5	

The cumulative quality point ratio (QPR) is determined by dividing the number of semester hours into the number of points earned. Transfer credits are not included in this computation.

In addition to the Academic Grades submitted by faculty, the following Administrative Grades are also utilized.

Administrative Grades

I The grade of Incomplete "I", is used by the faculty to indicate that a student has not completed all course requirements. A student will have one week from the last day of the term to meet with the faculty and complete all course requirements. Upon completion of the course requirements the faculty will submit the earned grade. Failure by the student to meet with the faculty and complete the requirements in one week from the last day of the term will result in the grade of "I" being converted to a grade of "F."

Any student with a grade of "F" or "W" will be required to register and retake that course in its entirety when the course is regularly scheduled. Any student with a grade of "F" or "W" will not be eligible to register for courses for which that course is a prerequisite.

R Students may repeat a course at any grade level below "A". The first repeat will replace the first-time grade for the computation of the QPR.

TCR This indicates transfer credit granted for equivalent work completed at another accredited institution.

W Withdrawal grades are assigned based on the following policy statements:

1. If the student officially withdraws from a course during the official change-of-registration period, that course does not appear on the student's transcript.
2. If a student officially withdraws from a course after the end of the change-of-registration period, but before the end of the official withdrawal period, a grade of "W" is assigned and that course remains on the student's transcript. Courses with a grade of "W" do not count toward the QPR and do not count toward "hours attempted."
3. The names of students who have officially withdrawn from a course and

receive the grade of "W" are so listed on the class roster for the balance of the semester.

4. Any exceptions to the above, including late withdrawals, must be approved by the Dean and the Provost before they become official and are recorded. Poor academic performance does not constitute a valid reason for late withdrawal.

Academic policies used to manage and direct the academic program are:

1. Attendance Requirements
2. Requirements for Graduation
3. Good Academic Standing
4. Academic Warning, Probation and Dismissal
5. Dismissal from the College (Non-Academic)
6. Withdrawal from the Program
7. Readmission to the Program

Attendance Requirements

Each student is expected to attend all lectures and laboratories and other activities associated with the total completion of a given course.

A student who is absent from class in excess of ten percent of the total class hours may have his or her grade reduced for lack of participation as outlined in the course syllabus. A student absent in excess of twenty percent of the total class hours will receive a grade of "F."

Requirements for Graduation

In order to be eligible for graduation from the College, candidates must meet the following criteria:

1. Have successfully completed a minimum of four academic years of resident study in an accredited institution granting a first professional degree. The last 3 semesters must have been in residence at the University of Bridgeport College of Chiropractic.
2. Have successfully completed all requirements of the educational program and have achieved a 2.50 cumulative grade point average.

College of Chiropractic

3. Have successfully passed parts I and II of the National Board of Chiropractic Examiners.
4. Have been recommended for graduation by the College Faculty and Administration.
5. Have satisfactorily met all financial obligations to the College, Office of Financial Aid, publication of the class yearbook and commencement exercises.
6. Have successfully completed the thesis requirements. All students are responsible for compliance with currently accepted UBCC research guidelines at the time of submission of the completed research paper to the Research and Scholarship Committee.

Good Academic Standing

Good academic standing is achieved when a student is maintaining good grades, has met all financial responsibilities to the College and is not guilty of any breach of the standards governing ethical and clinical conduct.

ACADEMIC WARNING, PROBATION AND DISMISSAL

Safeguards have been built into the system to protect students who are not performing well academically from suffering academic failure. During the semester, the faculty reports to the Dean on a regular basis, concerning the grades of all students in their courses. If it is noted that particular students are doing poorly, these students will be contacted to set up an interview. The interview will consist of a discussion of the causes for the student's poor performance and ways in which he or she might improve a grade.

ACADEMIC WARNING

Academic warning will result when one or more of the following is taking place:

1. Two or more grades of "D" are earned in a single semester.
2. The most recent semester quality point ratio falls below a 2.00.

ACADEMIC PROBATION

Academic Probation occurs when the student's QPR falls below 2.50 or if a student receives a grade of "F" in one or more courses. A student on academic probation is not eligible to carry a full academic course load.

ACADEMIC REMEDIATION

A student on academic probation will be placed in a program of Academic Remediation. The student is required to meet with the Associate Dean of the College to determine what courses will be re-taken to satisfy the requirements of Remediation. In general, academic Remediation requires a student to repeat all grades of "F", carry a reduced academic load and possibly repeat grades of "D".

ACADEMIC DISMISSAL

A student who does not show substantial academic improvement after one semester of Remediation, or who is unable to achieve a QPR of 2.50 after two semester of Remediation will be dismissed from the College of Chiropractic.

Academic dismissal may also occur if a student's QPR falls below a 2.50 on a second occasion.

Any student not achieving a QPR of at least 1.75 upon completion of the first semester of study will be academically dismissed from the College of Chiropractic.

DISMISSAL FROM THE COLLEGE

Academic inadequacies are not the only reasons for dismissal from the College. The following is a list of additional causes for dismissal:

1. Failure to meet the generally accepted standards of ethical conduct and clinical practice. Dismissal of this nature is subject to review by a committee of peers, faculty and administration.
2. Pleading guilty or "nolo contendere," or being found guilty of any crime involving moral turpitude or being felonious in nature.
3. Repeated violation of public policy, or the demonstration of behavior that

creates safety hazards and/or disrupts the order of the institution. Dismissal of this nature is subject to review by a committee of peers, faculty and administration.

4. Failure to meet financial obligations or commitments to the College.

WITHDRAWAL FROM THE PROGRAM

If a student withdraws from University of Bridgeport College of Chiropractic in good standing he or she is eligible for readmission. A student who withdraws when not in good academic standing or, who leaves without officially withdrawing, seriously jeopardizes his or her chances of future readmission.

If a student withdraws with plans to re-enter at a later date, he or she should make this clear at the time of withdrawal.

All requirements for the doctoral degree must be completed within seven years from the first matriculation to graduation. If a student withdraws one or more times from the program, the cumulative absences must not exceed three and one half years.

READMISSION TO THE PROGRAM

To be readmitted to the program after withdrawal, a student must write to the Associate Dean for Academic Affairs requesting readmission and indicate the date of re-entry desired. It is important to do this well in advance of such a date.

Minimum Requirements for Admission

Office of Admissions
Director: Amy J.B. Knowles
75 Linden Avenue
(203) 576-4348

The University of Bridgeport College of Chiropractic does not discriminate on the basis of sex, age, color, creed, ethnic origin or handicap in the administration of its education programs or on admissions.

All candidates for admission must furnish proof of having acquired three years

College of Chiropractic

(90 acceptable semester hours or more) of study, creditable towards a baccalaureate degree, taken in accredited, degree-granting institutions. Pre-professional education acquired must have been completed with a minimum cumulative Quality Point Ratio of 2.50 on a 4.00 scale. A baccalaureate degree is recommended.

All candidates must have completed the following specific courses as part of their pre-professional preparation:

Communication/Language Skills
6 Semester Hours

Psychology
3 Semester Hours

Social Science
3 Semester Hours

Humanities
3 Semester Hours

Electives (Social Sciences/Humanities)
9 Semester Hours

General Bio/Zoo/Anat & Phys
(with laboratory)
6 Semester Hours (2 consecutive courses)

General Chemistry (with laboratory)
6 Semester Hours (2 consecutive courses)

Organic Chemistry (with laboratory)
6 Semester Hours (2 consecutive courses)

General Physics (with laboratory)
6 Semester Hours (2 consecutive courses)

All bio/zoo/anat & phys, chemistry and physics courses must:

- Be courses suitable for students majoring in sciences.
- Consist of a first semester and second semester course in each subject.
- Be passed with a grade of "C" (2.00 on a 4.00 scale) or better. Cumulative science quality point ratio must be 2.25 or better.
- Have a related laboratory.

Applicants must understand that possession of minimum entrance requirements does not constitute a guarantee of acceptance. Each entering class is selected from a large pool of eligible candidates, a

majority of whom have completed four-year degrees. Those students selected for acceptance usually have obtained grades which are substantially higher than the minimum requirement.

Physical Qualifications for Admissions

The following physical qualifications are required for participation in the doctoral degree program at the UB College of Chiropractic. These qualifications are essential for the preparation of the Doctor of Chiropractic. Students at the College must be able to perform at a high level of competency in all phases of classroom, clinic, and laboratory activities as they will ultimately use the knowledge attained as Doctors of Chiropractic.

The qualifications are as follows:

1. The student must possess the coordination and use of both upper limbs as their use is required for, among other skills, the performance of the chiropractic adjustment, the primary skill of a practicing Doctor of Chiropractic.
2. The student must possess manual dexterity so that he/she may perform in the various clinical, chiropractic, and basic science laboratories without posing a threat to him/herself, patients, or his/her fellow students' safety and well-being.
3. The student must have the ability to stand not only in the performance of manipulative procedures but others as well.
4. The student must have hearing and visual senses, appropriately assisted if needed, acute enough to individually record patient histories, to provide routine safety instructions, and perform stethoscopic and other auscultatory examinations, to read all forms of diagnostic imaging, and to perform microscopy examinations so that he/she can adequately interpret normal, abnormal, and pathological changes.

Handicapped persons will not be summarily denied admission, nor will higher scholastic requirements be demanded of them. They, like all other students, must carry out classroom, laboratory, and clinical assignments, including microscopic work, x-ray interpretation and techniques, or the equivalent; pass written, oral, and practical examinations and meet all the requirements of the College.

Cancellation of Admission or Registration

The college reserves the right to cancel the admission or registration of individuals whose attendance at the college, in the opinion of the appropriate administrative officers and dean, is not mutually beneficial to that person and to the institution.

Individuals who have registered at other educational institutions may not disregard such records and make application on the basis of high school and selected college transcripts.

Applicants who gain admission to the college on the basis of incomplete or fraudulent credentials or misrepresentations in their written application for admission may have their:

- admission and registration canceled without refund of any fees; and
- total credits rescinded that have been earned following such admissions; and
- future registration at the college prohibited.

Pre-Professional Requirements for Licensure

It is most important that all candidates for admission thoroughly investigate the specific requirements of each state in which they plan to practice. In some cases, pre-professional requirements must be completed prior to entrance into a chiropractic program in order to be qualified to apply for a state licensing examination.

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Foreign Applicants

Applicants who have done pre-professional study in foreign countries must submit official copies of the records of such study as well as certified translations if the original records are not in English. Usually, these records must be evaluated by an appropriate professional agency. Any fees charged by such an agency are the responsibility of the student. Following submission of these documents to UBCC, the Director of Admissions will make contact with the prospective student.

If the applicant is a native of a foreign country, he or she must submit an official score report for the Test of English as a Foreign Language (TOEFL) showing satisfactory performance on this test. To apply to take the exam contact TOEFL, Box 6151, Princeton, NJ 08541-6151.

Application Procedures

Application for admission must include:

1. A properly completed Application for Admission form.
2. A NON-REFUNDABLE application fee of \$75.00.

The applicant must provide the following to the Director of Admissions:

1. Official transcripts of all college records.
2. Three letters of recommendation.

Selection of Candidates

The University of Bridgeport College of Chiropractic is coeducational and does not discriminate against any applicant on the basis of sex, race, creed, color or national origin. (Title VI, Civil Rights Act 1964)

All eligible finalists are invited for a personal interview before any action is taken upon their application.

Among the qualities typical of most successful candidates for admission, the following are especially important:

1. Superior communication skills, both oral and written.

2. Evidence of strong motivation to becoming a helping professional and, more specifically, a chiropractor.
3. Initiative and honesty as evidenced in the candidates' transactions within the application process and in all information submitted in support of the application.
4. Academic achievement which compares favorably with that of successful students at the University of Bridgeport College of Chiropractic.

Application Deadlines

Applications for the Fall term should be received prior to March 1 for full consideration. Spring term applications should be received by August 1.

NOTIFICATION OF ACCEPTANCE

Applicants will be notified in writing of the decision of the Admissions Committee as soon as a decision is made.

Transfer Credit and Advanced Standing

TRANSFER CREDIT

The University of Bridgeport College of Chiropractic may grant transfer credit for courses taken in accredited professional and graduate schools. In doing so, the following requirements must be met:

1. The courses taken must have content equivalent to courses given at UBCC. If the UBCC course contains a laboratory, so must the course being considered for transfer.
2. A course being considered for transfer must have credits and hours equivalent to or greater than the same course at UBCC.
3. Any course to be transferred must have been passed with a grade of C or better (2.00 on a 4.00 scale.)
4. A transferred course carries credit equal to the UBCC course for which credit is granted. The original grade

earned is not transferred and does not affect the student's QPR at UBCC.

5. In order to obtain transfer credit the student must have been granted an honorable withdrawal from the professional or graduate school attended.

It is important to note that all transfer students must meet the entry level prerequisites for first semester students regardless of having been accepted to the institution from which they are transferring. In many cases, UBCC's requirements are higher than those for other chiropractic and professional schools.

Students wishing to transfer must provide the Admissions Committee with an official transcript and a catalog from the chiropractic, professional or graduate school from which they are transferring, as well as a syllabus from each course for which the student is requesting transfer credit.

ADVANCED STANDING

Students who are accepted as transfer students may receive advanced standing if a substantial number of semester hours have been accepted by UBCC. This would enable the student to complete the D.C. program in less than 8 semesters. Transfer credit may be granted either with or without advanced standing. If advanced standing is granted:

1. A special curriculum schedule will be made up for the student based on semester hours transferred and course availability.
2. Tuition will be calculated based on the number of credits being taken per semester multiplied by the single credit fee at the time of the student's attendance.

If advanced standing is not granted, but some semester hours are transferrable, the student will be admitted to the first semester and will be exempt from courses for which transfer credit was granted.

College of Naturopathic Medicine

Dean: Peter Martin, Diplomate in Naturopathy and Osteopathy, D.C.

Associate Dean for Academic Affairs: Anthony Ross, Jr., Ph.D.

Clinic Director:

Eleonore Herschberber, N.D., R.N.

Dispensary Manager:

Carla Hutt, N.D.

Acupuncture Institute

Director: Jennifer Brett

(203) 576-4122

Assistant to the Dean

Carol Yoon, Education M.S., 6th Year

60 Lafayette Street

(203) 576-4109

Director of Admissions: Miriam Madwed

126 Park Avenue

Bridgeport, CT 06601

(203) 576-4108

Faculty: Arbogast, Bennett, Berry, Bowman, Brady, Breton, Brett, Clark, Cohen, Burlew, Erickson, Farrell, Ferraro, Fine, Galiger, Galton, Garber, Gengo, Girard-Couture, Green, Gross, Hanlon, Hughes, Katz, Katsifis, Kelly, Kendler, Mattie, Nash, Onofrio, Parsons, Paul, Perrault, Phillips, Rho, Ritterman, Rudderham, Sommer, Stanard, Terry, Vishvanath, White, Zampieron

Naturopathic medicine is an independent profession of primary health care physicians who integrate age-old traditions of healing with modern scientific diagnostic skills. Naturopathic physicians are the only modern health care providers who receive comprehensive training in what is now considered complementary and alternative medicines. While most naturopathic physicians provide comprehensive family care as private practitioners, new opportunities for practice in integrated health care settings, in education and in research are appearing at a rapid rate. The scope of practice includes all aspects of family practice, from obstetrics to geriatrics.

For the past century, naturopathic doctors have championed natural and physiological treatment for the prevention and treatment of disease. While the term "naturopathy," is little more than a hundred years old, it represents ideas of health care that go back to the beginning of time. Hippocrates recognition of the therapeutic value of food and the Ayurvedic physicians recognition of the importance of spirit to health are very much in line with modern naturopathic ideals.

Naturopathic medicine originated in the eastern United States when German immigrants integrated European nature cure with an eclectic blend of medical therapies being practiced in America. The first school of naturopathy was founded in New York City in the early years of the 20th Century. As the public interest in natural therapies declined during the middle of the century, the profession flourished primarily in the Northwest. With the founding of the College of Naturopathic Medicine at the University of Bridgeport, naturopathic medical education has returned to its roots.

The University of Bridgeport College of Naturopathic Medicine offers a professional program that requires four years of full-time academic and clinical study of the normal and abnormal structure and function of the human being, the diagnosis, treatment and prevention of disease, and the promotion of optimal health. There are no correspondence nor distance-learning courses offered.

Degree

Doctor of Naturopathic Medicine (N.D.)

Acupuncture (M.S.Ac.) *For details see description under Graduate Programs*

Recognition and Memberships

The naturopathic medical program offered by the University of Bridgeport College of Naturopathic Medicine received accreditation for the Connecticut State Department of Higher Education in May

2000 and was granted Candidacy Status by the Council on Naturopathic Medical Education in March 2001. The college offers a curriculum designed to meet the highest national standards for naturopathic medical education. UBCNM is an institutional member of the American Association of Naturopathic Physicians and a member of the Council on Naturopathic Medical Education.

Mission Statement

The mission of the College of Naturopathic Medicine is to train the next generation of naturopathic physicians.

- ❖ as competent and caring clinicians;
- ❖ as insightful scholars and researchers; and
- ❖ as courageous leaders in the integration of natural medicine into the health care system.

The College of Naturopathic Medicine is an integrated unit of the University of Bridgeport, a private, non-sectarian, comprehensive university. The College's mission is to provide appropriate educational experiences to prepare candidates to become doctors of naturopathic medicine. The College seeks: to teach and search for new knowledge; to educate men and women of personal integrity and social conscience; and to maintain close relationships among faculty, students and community professionals. In keeping with the international focus of the University-wide mission, the College of Naturopathic Medicine emphasizes the importance of understanding the traditional medical systems of the world.

The College has identified the following goals in support of its mission:

1. Provide an educational program for the training of generalist naturopathic physicians able to competently provide comprehensive natural health care.
2. Provide comprehensive natural health care through the Integrated Health Science Center and in conjunction with a variety of community agencies.

College of Naturopathic Medicine

3. Provide postgraduate training for graduates of naturopathic medical schools. This will include residency training in such areas as general naturopathic care, geriatrics, complementary cancer care and preventive medicine, as well as graduate training in such areas as obstetrics, business and public health.
4. Conduct basic, clinical and outcomes research on natural and alternative therapeutics.
5. Provide continuing education to health care professionals.
6. Provide community education on science based natural therapies to interested lay people.

The American Association of Naturopathic Physicians has adopted the following official definition of Naturopathic Medicine, its principles and practice:

Naturopathic medicine is a distinct system of primary healthcare — an art, science, philosophy and practice of diagnosis, treatment and prevention of illness. Naturopathic medicine is distinguished by the principles upon which its practice is based. The principles are continually reexamined in the light of scientific advances. The techniques of naturopathic medicine include modern and traditional, scientific and empirical methods. The following principles are the foundation of naturopathic medical practice:

PRINCIPLES

The Healing Power of Nature (*Vis Medicatrix Naturae*): Naturopathic medicine recognizes an inherent self-healing process in the person which is ordered and intelligent. Naturopathic physicians act to identify and remove obstacles to healing and recovery, and to facilitate and augment this inherent self-healing process.

Identify and Treat the Causes (*Tolle Causam*): The naturopathic physician seeks to identify and remove the underlying causes of illness, rather than to merely eliminate or suppress symptoms.

First Do No Harm (*Primum Non Nocere*): Naturopathic physicians follow three guidelines to avoid harming a patient:

- Utilize methods and medicinal substances which minimize the risk of harmful side effects, using the least force necessary to diagnose and treat;
- Avoid when possible the harmful suppression of symptoms;
- Acknowledge, respect and work with the individual's self-healing process.

Doctor As Teacher (*Docere*): Naturopathic

- Acknowledge, respect and work with the individual's self-healing process.

Doctor As Teacher (*Docere*): Naturopathic physicians educate their patients and encourage self-responsibility for health. They also recognize and employ the therapeutic potential of the doctor-patient relationship.

Treat the Whole Person: Naturopathic physicians treat each patient by taking into account individual physical, mental, emotional, genetic, environmental, social and other factors. Since total health also includes spiritual health, naturopathic physicians encourage individuals to pursue their personal spiritual development.

Prevention: Naturopathic physicians emphasize the prevention of disease — assessing risk factors, heredity and susceptibility to disease and making appropriate interventions in partnership with their patients to prevent illness. Naturopathic medicine is committed to the creation of a healthy world in which humanity may thrive.

PRACTICE

Naturopathic Methods: Naturopathic medicine is defined by its principles. Methods and modalities are selected and applied based upon these principles in relationship to the individual needs of each patient. Diagnostic and therapeutic methods are selected from various sources and systems, and will continue to evolve with the progress of knowledge.

Naturopathic Practice: Naturopathic practice includes the following diagnostic and therapeutic modalities: nutritional medicine; botanical medicine; naturopathic physical medicine including naturopathic manipulative therapy; public health measures and hygiene; counseling; minor surgery; homeopathy; acupuncture; naturopathic obstetrics (natural childbirth); and appropriate methods of laboratory and clinical diagnosis.

Curriculum

The curriculum is designed to prepare graduates of the program to be competent, caring, well-trained physicians offering comprehensive care using the traditional methods and modalities of Naturopathic Medicine.

There are essentially three broad areas of professional education. These are the basic sciences, clinical science, and clinical education or services.

Much of the first two (academic) years of training is devoted to the basic sciences such as anatomy, physiology, pathology and clinical and physical diagnosis.

The philosophy, history, and principles of Naturopathic Medicine are also introduced during these years. One course each semester serves as a focal point in the curriculum to bring practical application and clinical relevance to the subject matter being covered in other courses.

The second two (academic) years consist largely of the clinical sciences. This includes instruction on the modalities of Naturopathic Medicine such as nutrition, botanical medicine, physical medicine, homeopathy, and Oriental medicine, and the application of these therapies to pediatrics, gastroenterology, urology, gynecology, orthopedics, neurology, otolaryngology, cardiology, and other bodily systems.

The third area of emphasis is clinical education which provides the practical hands-on integration of didactic learning with patient treatment. Students will care for

College of Naturopathic Medicine

patients under the supervision and direction of Naturopathic Physicians as well as medical, osteopathic and chiropractic physicians as appropriate. Clinical training will begin in Semester V and continue through Semester VIII, and includes required time in Summer recess clinical programs before or during the fourth academic year. To be eligible for clinical education training and credit, students must be in good academic standing, successfully complete all courses in Semesters I through VI, and successfully complete the clinic entrance exam.

The course of study consists of four academic years and the required summer recess clinical program. There are two 18 week semesters per academic year.

Semester Based Curriculum

YEAR 1

SEMESTER I

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
NBS511	Anatomy I	4	3	126	5.5	
NBS512	Histology	3	2	90	4	
NBS513	Embryology I	1	0	18	1	
NBS514	Biochemistry	3	2	90	4	
NBS515	Physiology I	2	2	72	3	
NCS511	Diag. Skills I: History Taking	1	0	18	1	
NPM511	Liv. Anatomy I: Massage	1	2	54	2	
NPP511	Naturopathic Hist. & Phil.	2	0	36	2	
NPP512	Philosophy of Nat. Medicine	1	0	18	1	
NPS511	Physician Heal Thyself	1	0	18	1	
NRS512	Critical Thinking	1	0	18	1	
TOTAL		20	11	558	25.5	

SEMESTER II

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
NBS521	Anatomy II	4	3	126	5.5	
NBS522	Microbiology	4	2	108	5	
NBS523	Embryology II	1	0	18	1	
NBS525	Physiology II	4	2	108	5	
NCS521	Diag. Skills: Phys. Exam	2	2	72	3	
NNT521	Nutrition I	4	0	72	4	
NPP521	Introd. to Natural Therapy	1	0	??	1	
NPS521	Counseling Skills I	2	0	36	2	
TOTAL		22	9	558	26.5	

YEAR 2

SEMESTER III

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
MPM611	Physiological Therapeutic	2	2	72	3	
NBM611	Botanical Medicine I	3	0	54	3	
NBS611	Neuroscience	2	0	36	2	
NCS611	Pathology I	2	2	72	3	
NCS612	Clinical Diagnosis I	5	0	90	5	
NCS613	Public Health/Epidemiology	3	2	54	3	
NCS614	Immunology	2	0	36	2	
NCS616	Public Health/Epidem.	3	0	54	3	
NOM611	Oriental Medicine I	4	0	72	4	
NPM611	Hydrotherapy	1	2	54	2	
TOTAL		24	6	540	27	

SEMESTER IV

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
NBM621	Botanical Medicine II	3	0	54	3	
NCS621	Pathology II	4	2	108	5	
NCS622	Clinical Diagnosis II	3	2	90	4	
NCS627	Lab Diagnosis I	3	0	54	3	
NHM621	Homeopathy I	2	0	36	2	
NPM621	Physiological Therapeutics	2	2	72	3	
NP???621	Liv. Anat. II: Palpatation I	1	2	54	2	
NNT621	Nutrition II	4	0	72	4	
TOTAL		19	4	468	24.0	

YEAR 3

SEMESTER V

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
NCE711	Clinical Education I	0	12	216	6	
NCS711	Diagnostic Imaging I	2	0	36	2	
NCS712	Medical Genetics	1	0	18	1	
NCS713	Laboratory Diagnosis II	2	2	72	3	
NCS714	Clinical Forum I	0	2	36	1	
NHM711	Homeopathy II	3	0	54	3	
NNP711	Gynecology	3	0	54	3	
NOB711	Obstetrics I	2	0	36	2	
NPM711	Naturo. Manip. Ther. I	2	4	108	4	
NPS711	Counseling Skills II	1	1	36	1.5	
NPS712	Doctor/Patient Relationship	0.5	1	27	1	
TOTAL		16.5	22	693	27.5	

SEMESTER VI

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
NCE721	Clinical Education II	0	12	216	6	
NCS721	Pharmacology I	2	0	36	2	
NCS722	Diagnostic Imaging II	2	0	36	2	
NCS723	Clinic Forum II	0	2	36	1	
NCS724	Emergency Procedure	2	0	36	2	
NHM721	Homeopathy III	3	0	54	3	
NNP721	Pediatrics	2	0	36	2	
NNP722	Cardiology	2	0	36	2	
NNP723	Gastroenterology	2	0	36	2	
NPM721	Naturo. Manip. Ther. II	2	4	108	4	
NPS721	Psychological Assessment	1.5	0	27	1.5	
NP???724	Minor Surgery	1	1	36	1.5	
TOTAL		19.5	19	693	29.0	

SUMMER

NCE731	Clinical Education III	0	8	144	4	
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YEAR 4

SEMESTER VII

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
NCE811	Clinical Education IV	0	20	360	10	
NCS811	Pharmacology II	2	0	36	2	
NCS812	Environmental Medicine	1.5	0	27	1.5	
NNP811	EENT	1.5	0	27	1.5	
NNP812	Endocrinology	1.5	0	27	1.5	
NNP813	Neurology	1.5	0	27	1.5	
NPP812	Practice Management	2	0	36	2	
NPS811	Addictions and Disorders	1	0	18	1	
NRS811	Research I	1	0	18	1	
TOTAL		12.0	20	576	22.0	

SEMESTER VIII

NUMBER	COURSE	LECT.	LAB	HRS.	SEM.	CR.
NPP822	Practice Management II	1.5	0	27	1.5	
NPM821	Prev./Ther. Exercise	1	0	18	1	
NNP821	Geriatrics	1	0	18	1	
NNP822	Urology/Proctology	1.5	0	27	1.5	
NNP823	Oncology	1.5	0	27	1.5	
NNP824	Dermatology	1.5	0	27	1.5	
NPM822	Orthopedics/Sports Med.	1.5	0	27	1.5	
NPP821	Med. Jurisprudence/Ethics	1.5	0	27	1.5	
NRS821	Research II	1	0	18	1	
NCE821	Clinical Education V	0	20	360	10	
TOTAL		12	20	576	22	

TOTALS

	LECT.	LAB	HRS.	SEM.	CR.
Academic (Basic & Clinical)	148	47	3510	171.5	
Clinical Service	0	72	1296	36.0	
GRAND TOTALS	148	119	4806	207.5	

Elective Courses

To address the scope of the clinical skills required of a naturopathic physician. The desire of many students to pursue areas of special clinical interest, and the academic requirements for specialty practice in many states, electives will be offered during a summer intensive program. Students will be eligible to take advanced elective courses in Oriental medicine, botanical medicine, naturopathic obstetrics, homeopathic medicine and minor surgery after completing the prerequisite courses for these electives in the professional curriculum.

Students will be eligible for elective courses in Oriental medicine after semester III, botanical medicine after semester

College of Naturopathic Medicine

IV, naturopathic obstetrics after semester V, and homeopathic medicine and minor surgery after semester VI.

These electives will prepare the student for area specialization to practice in states which require these additional hours of education. The following number of hours of instruction will be offered upon demand:

Oriental Medicine	144 hours
Botanical Medicine	108 hours
Naturopathic Obstetrics	144 hours
Homeopathic Medicine	144 hours
Minor Surgery	18 hours

Elective courses are offered to allow specialization and/or certification in various areas of naturopathic practice. Some, but not all, licensing jurisdictions require a specific minimum number of didactic hours for the practice of these specialties. Elective courses will be developed and added as necessary to meet these legal requirements.

Contact Hours By Area

BASIC SCIENCES _____ 792

Anatomy I	126
Anatomy II	126
Histology	90
Embryology I	18
Embryology II	18
Biochemistry	90
Physiology I	72
Physiology II	108
Microbiology	108
Neuroscience	36

BOTANICAL MEDICINE _____ 108

Botanical Medicine I	54
Botanical Medicine II	54

CLINICAL NUTRITION _____ 144

Nutrition I	72
Nutrition II	72

CLINICAL SCIENCES _____ 999

Diagnostic Skills: History Taking	18
Pathology I	72
Pathology II	108
Clinical Diagnosis I	108
Diagnosis Skills: Physical Exam	72

Clinical Diagnosis II	108
Laboratory Diagnosis I	54
Laboratory Diagnosis II	72
Public Health/Epidemiology	54
Clinical Forum I	36
Clinical Forum II	36
Diagnostic Imaging I	36
Diagnostic Imaging II	36
Immunology	36
Emergency Procedure	36
Medical Genetics	18
Pharmacology	36
Pharmacology II	36
Environmental Medicine	27

HOMEOPATHIC MEDICINE _____ 144

Homeopathy I	36
Homeopathy II	54
Homeopathy III	54

NATUROPATHIC OBSTETRICS _____ 36

Obstetrics I	36
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NATUROPATHIC PRACTICE/ ORGAN SYSTEMS _____ 378

Gynecology	54
Pediatrics	36
Cardiology	36
Gastroenterology	36
Minor Surgery	36
Eye, Ear, Nose and Throat	27
Endocrinology	27
Neurology	27
Geriatrics	18
Urology/Proctology	27
Oncology	27
Dermatology	27

NATUROPATHIC PRINCIPLES AND PRACTICE _____ 162

Naturopathic History & Philosophy	36
Naturopathic Philosophy & Therapeutics	36
Practice Management I	36
Practice Management II	27
Medical Jurisprudence and Ethics	27

ORIENTAL MEDICINE _____ 72

Oriental Medicine I	72
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PHYSICAL MEDICINE _____ 495

Living Anatomy I	54
Living Anatomy II	54
Hydrotherapy	54
Physiological Therapeutics	72

Naturopathic Manipulative Therapeutics I	108
Naturopathic Manipulative Therapeutics II	108
Preventive/Therapeutic Exercise	18
Orthopedics/Sports Medicine	27

PSYCHOLOGY _____ 162

Physician Heal Thyself	18
Communication Skills	36
Counseling Skills and Technique	36
The Doctor/Patient Relationship	27
Psychological Assessment	27
Addictions and Disorders	18

RESEARCH _____ 54

Critical thinking	18
Thesis I	18
Thesis II	18

CLINICAL EDUCATION _____ 1,296

Clinical Education I	216
Clinical Education II	216
Clinical Education III	144
Clinical Education IV	360
Clinical Education V	360

COURSE IDENTIFICATION

Course identification is as follows:

NBS	Basic Sciences
NBM	Botanical Medicine
NNT	Clinical Nutrition
NCS	Clinical Services
NHM	Homeopathic Medicine
NOB	Naturopathic Obstetrics
NNP	Naturopathic Practice/Organ System
NPP	Naturopathic Principles and Practice
NOM	Oriental Medicine
NPM	Physical Medicine
NPS	Psychology
NRS	Research
NCE	Clinical Education

The course numbering system is as follows:

500 level	- courses offered in year one
600 level	- courses offered in year two
700 level	- courses offered in year three
800 level	- courses offered in year four

The second digit identifies the semester the course is given in that academic year. The third digit indicates the number of the course in that sequence.

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e.g. BS 525
BS - Basic Science
5 - year one
2 - semester two
5 - fifth course in area sequence

Beginning August 1, 1997 all courses in the College of Naturopathic Medicine will be identified with the letter "N" as the first letter in the course description i.e., NBS511 Anatomy I.

GRADES

Grades earned by students are submitted to the Registrar utilizing the following designations. Grades earned are on a four (4) point scale with an "A" or 4 quality points being the highest grade attained. Grades with quality points are:

GRADE QUALITY POINTS

A 4.0
B+ 3.5
B 3.0
C+ 2.5
C 2.0
D 1.0
F 0.0

The cumulative quality point ratio (QPR) is determined by dividing the number of semester hours into the number of points earned. Transfer credits are not included in this computation.

Administrative Grades

In addition to the Academic Grades submitted by faculty, the following Administrative Grades are also utilized.

I The grade of Incomplete "I", is used by the faculty to indicate that a student has not completed all course requirements. A student will have one week from the last day of the term to meet with the faculty and complete all course requirements. Upon completion of the course requirements the faculty will submit the earned grade. Failure by the student to meet with the faculty and complete the requirements in one week from the last day of the term will result in the grade of "I" being converted to a

grade of "F".

Any student with a grade of "F" or "W" will be required to register for and retake that course in its entirety when the course is regularly scheduled. Any student with a grade of "F" or "W" will not be eligible to register for courses for which that course is a prerequisite.

R Students may repeat a course at any grade level below "A". The first repeat will replace the first-time grade for the computation of the QPR.

TCR This indicates transfer credit granted for equivalent work completed at another accredited institution.

W Withdrawal grades are assigned on the following policy statements:

1. If the student officially withdraws from a course during the official change-of-registration period, that course does not appear on the student's transcript.
2. If a student officially withdraws from a course after the end of the change-of-registration period, but before the end of the official withdrawal period, a grade of "W" is assigned and that course remains on the student's transcript. Courses with a grade of "W" do not count toward the QPR and do not count towards "hours attempted."
3. The names of students who have officially withdrawn from a course and receive the grade of "W" are so listed on the class roster for the balance of the semester.
4. Any exceptions to the above, including late withdrawals, must be approved by the Dean and the Provost before they become official and are recorded. Poor academic performance does not constitute a valid reason for late withdrawal.

Academic Policies

ATTENDANCE REQUIREMENTS

Each student is expected to attend all lectures and laboratories and other activities associated with the total completion of a given course.

A student who is absent from class in excess of ten percent of the total class hours may have his or her grade reduced for lack of participation as outlined in the course syllabus. A student absent in excess of twenty percent of the total class hours will receive a grade of "F".

REQUIREMENTS FOR GRADUATION

In order to be eligible for graduation from the College, candidates must meet the following criteria:

1. Have successfully completed a minimum of four academic years of resident study in an accredited institution granting a first professional degree. The last 3 semesters must have been in residence at the University of Bridgeport, College of Naturopathic Medicine.
2. Have successfully completed all requirements of the educational program and have achieved a 2.50 cumulative grade point average.
3. Have been recommended for graduation by the College Faculty and Administration.
4. Have satisfactorily met all financial obligations to the College, Office of Financial Aid, publication of the class yearbook and commencement exercises.

GOOD ACADEMIC STANDING

Good academic standing is achieved when a student is maintaining good grades, has met all financial responsibilities to the College and is not guilty of any breach of the standards governing ethical and clinical conduct.

College of Naturopathic Medicine

Academic Warning, Probation, Remediation and Dismissal

Safeguards have been built into the system to protect students who are not performing well academically from suffering academic failure. During the semester, the faculty reports to the Dean on a regular basis, concerning the grades of all students in their courses. If it is noted that particular students are doing poorly, these students will be contacted to set up an interview. The interview will consist of a discussion of the causes for the student's poor performance and ways in which he or she might improve a grade.

ACADEMIC WARNING

Academic warning will result when one or more of the following is taking place:

1. Two or more grades of "D" are earned in a single semester.
2. The most recent semester quality point ratio falls below a 2.00.

ACADEMIC PROBATION

Academic probation occurs when the student's QPR falls below 2.50 or if a student receives a grade of "F" in one or more courses. A student on academic probation is not eligible to carry a full academic course load.

ACADEMIC REMEDIATION

A student on academic probation will be placed in a program of academic remediation. The student is required to meet with the Associate Dean of the College to determine what courses will be taken to satisfy the requirements of remediation. In general, academic remediation requires a student to repeat all grades of "F", carry a reduced academic load and possibly repeat grades of "D".

ACADEMIC DISMISSAL

A student who does not show substantial academic improvement after one semester of remediation, or who is unable to achieve a QPR of 2.50 after two semesters of remediation will be dismissed from

the College of Naturopathic Medicine.

Academic dismissal may also occur if a student's QPR falls below a 2.50 on a second occasion.

Any student not achieving a QPR of at least 1.75 upon completion of the first semester of study will be academically dismissed from the College of Naturopathic Medicine.

DISMISSAL FROM THE COLLEGE

Academic inadequacies are not the only reason for dismissal from the College. The following is a list of additional causes for dismissal:

1. Failure to meet the generally accepted standards of ethical conduct and clinical practice. Dismissal of this nature is subject to review by a committee of peers, faculty and administration.
2. Pleading guilty or "nolo contendere," or being found guilty of any crime involving moral turpitude or being felonious in nature.
3. Repeated violation of public policy, or the demonstration of behavior that created safety hazards and/or disrupts the order of the institution. Dismissal of this nature is subject to review by a committee of peers, faculty and administration.
4. Failure to meet financial obligations or commitments to the College.

WITHDRAWAL FROM THE PROGRAM

If a student withdraws from the University of Bridgeport College of Naturopathic Medicine in good standing he or she is eligible for readmission. A student who withdraws when not in good academic standing or, who leaves without officially withdrawing, seriously jeopardizes his or her chances of future readmission.

If a student withdraws with plans to re-enter at a later date, he or she should make this clear at the time of withdrawal.

All requirements for the doctoral degree must be completed within seven years from the first matriculation to graduation. If a student withdraws one or more times from

the program, the cumulative absences must not exceed three and one half-years.

READMISSION TO THE PROGRAM

To be readmitted to the program after withdrawal, a student must write to the Associate Dean for Academic Affairs requesting readmission and indicate the date of re-entry desired. It is important to do this well in advance of such a date.

Minimum Requirements for Admission

The admission requirements for the Doctor of Naturopathic Medicine degree program at the University of Bridgeport are:

All candidates for admission to the naturopathic medical degree program must furnish proof of having acquired a baccalaureate degree, taken in an accredited, degree-granting institution. Pre-professional education acquired must have been completed with a minimum cumulative Quality Point Ratio of 2.50 on a 4.00 scale.

All candidates must have completed the following specific courses as part of their professional preparation:

Communication/Language Skills
6 semester hours

Psychology
3 semester hours

Social Science
3 semester hours

Humanities
3 semester hours

Electives (Social Science/Humanities)
9 semester hours

General Biology/Zoology/Anatomy and Physiology (with lab)
6 semester hours

General Chemistry (with lab)
6 semester hours

Organic Chemistry (with lab)
6 semester hours

General Physics (with lab)
3 semester hours

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All biology/zoology/anatomy and physiology, chemistry and physics courses must:

- Be course suitable for students majoring in sciences
- Consist of a first semester and second semester course in each subject.
- Be passed with a grade of "C" (2.00 on 4.00 scale) or better. Cumulative science quality point ratio must be 2.5 or better.
- Have a related laboratory.
- Have been taken within the past seven years.

A personal interview is required. Under extenuating circumstances a telephone interview may be granted.

Applicants must understand that possession of minimum entrance requirements does not constitute a guarantee of acceptance.

The University of Bridgeport does not discriminate on the basis of sex, age, color, creed, ethnic origin or handicap in the administration of its education programs or on admission.

Tuition

College of Naturopathic Medicine: \$7,125 per semester

Other charges, textbooks, equipment, fees (estimated) \$1,200 per semester

Application Procedures

Application for admission must include:

1. A properly completed Application for Admission form.
2. A NON-REFUNDABLE application fee of \$75.00.

The applicant must provide the following to the Director of Admissions:

1. Official transcripts of all college records.
2. Three letters of recommendation, one of which is from a health care professional.

International Applicants

International applicants must complete an Application for International Students as well as an Application to the College of Naturopathic Medicine. Applicants who have done pre-professional study in foreign countries must submit official copies of the records of such study as well as certified translations if the original records are not in English. Usually, these records must be evaluated by an appropriate professional agency. Any fees charged by such an agency are the responsibility of the student. Following submission of these documents to UBCNM, the Director of Admissions will make contact with the prospective student.

All applicants whose native language is not English (including U.S. citizens) must demonstrate proficiency in English at a level appropriate for advanced scientific study. At a minimum, proficiency can be demonstrated in one of the ways listed below:

1. A score of 550 or better on the Test of English as a Foreign Language (TOEFL). Information on the TOEFL can be obtained from TOEFL, P.O. Box 6151, Princeton, NJ 08541-6151, U.S.A., **or**;
2. Receipt of a grade of "C" or better in one semester of English at an accredited U.S. college or university.

Application Deadlines and Notification of Acceptance

Applications for admission may be submitted at any time. Notification of acceptance will be made as soon as possible, however, general admission to the program occurs only with the fall terms. Only advanced placement and/or transfer students are accepted for spring term.

Transfer Credit

The University of Bridgeport College of Naturopathic Medicine may grant transfer credit for courses taken in accredited professional and graduate schools. In

doing so, the following requirements must be met:

1. Courses taken must have content equivalent to courses given at UBCNM. If the UBCNM course contains a laboratory, so must the course being considered for transfer.
2. A course being considered for transfer must have credits and hours equivalent to or greater than the same course at UBCNM.
3. Any course to be transferred must have been passed with a grade of "C" or better (2.00 on a 4.00 scale.)
4. A transfer course must carry credit equal to the UBCNM course for which credit is granted. The original grade earned is not transferred and does not affect the student's QPR at UBCNM.
5. In order to obtain transfer credit the student must have been granted an honorable withdrawal from the professional or graduate school attended.

It is important to note that all transfer students must meet the entry level prerequisites for first semester students regardless of having been accepted to the institution from which they are transferring.

Students wishing to transfer must provide the Admissions Committee with an official transcript and a catalog from the naturopathic, professional or graduate school from which they are transferring, as well as a syllabus from each course for which the student is requesting transfer credits. A letter needs to be provided from the dean of the college indicating the student is leaving in good academic standing.

Advanced Standing

Candidates for the College of Naturopathic Medicine who have a substantial amount of transfer credit may be eligible for advanced standing. This will generally be limited to allopathic, chiropractic, or osteopathic physicians, or to students transferring from the allopathic, chiropractic, naturopathic or osteopathic schools. Candidates for advanced standing must meet

College of Naturopathic Medicine

the same admission requirements as entering first year students, and must have left their previous program in good academic standing. The records of these candidates will be evaluated for transfer credit according to the guidelines listed above and a preliminary plan for completing the program will be presented at the time of acceptance.

Students accepted with advanced standing must complete all of the course requirements for the naturopathic medical degree, either through transfer, or completion of the courses. Students are required to be in residence at the University of Bridgeport for a minimum of two years and complete all clinical internship requirements here.

Selection of Candidates

The University of Bridgeport College of Naturopathic Medicine is coeducational and does not discriminate against any applicant on the basis of sex, race, creed, color or national origin. (Title VI, Civil Rights Act 1964).

All eligible finalists are invited for a personal interview before any action is taken upon their application.

Among the qualities typical of most successful candidates for admission, the following are especially important:

1. Superior communication skills, both oral and written.
2. Evidence of strong motivation to become a helping professional and, more specifically, a physician.
3. Initiative and honesty as evidenced in the candidate's transactions within the application process and in all information submitted in support of the application.
4. Academic achievement which compares favorably with that of successful students at the University of Bridgeport College of Naturopathic Medicine.

Cancellation of Admission or Registration

The College reserves the right to cancel the admission or registration of individuals whose attendance at the College, in the opinion of the appropriate administrative officers and Dean, is not mutually beneficial to that person and to the institution.

Individuals who have registered at other educational institutions may not disregard such records and make application on the basis of high school and selected college transcripts.

Applicants who gain admission to the College on the basis of incomplete or fraudulent credentials or misrepresentations in their written application for admission may have their:

- admission and registration cancelled without refund of any fees; and
- total credits rescinded that have been earned following such admissions; and
- future registration at the College prohibited.

Pre-Professional Requirements for Licensure

It is most important that all candidates for admission thoroughly investigate the specific requirements of each state in which they plan to practice. In some cases, pre-professional requirements must be completed prior to entrance into a naturopathic program in order to be qualified to apply for a state licensing examination.

Licensing and Professional Societies

Currently, Doctors of Naturopathic Medicine are licensed in 11 states: Alaska, Arizona, Connecticut, Hawaii, Maine, Montana, New Hampshire, Oregon, Utah, Vermont and Washington. Licensure also exists in Puerto Rico and the District of

Columbia, as well as several Canadian provinces. Graduates of approved naturopathic colleges take a national standardized examination called the Naturopathic Physicians Licensing Examination to be eligible for licensing in most states.

For specific professional requirements for licensing, candidates should contact the appropriate State Board of Naturopathic Examiners or the designated State licensing agency.

Most states have a professional naturopathic association, and the American Association of Naturopathic Physicians (AANP) is the national professional association for naturopathic medicine.

Information Subject to Change

The College of Naturopathic Medicine provides the foregoing information for the purpose of providing students, applicants, and the public with information about the educational programs and policies of the College. This information does not constitute a contract. The College reserves the right to make changes in the program, policies, tuition, fees, schedules, and any other content at any time without prior notice.

Fones School of Dental Hygiene

Director: Cynthia Howard
Eleanor Naylor Dana Building
(203) 576-4138

Faculty: Grosso, Howard, Lorentzen,
Zayan

Degree Programs

Dental Hygiene, (A.S., B.S.)

Description

The Fones School of Dental Hygiene, established in 1949, was named for Dr. Alfred Civilion Fones, the dentist who was instrumental not only in the University of Bridgeport, but also the world dental hygiene movement. Accredited since the American Dental Association publication of September, 1953, the Fones program is in full accord with the principles established by the Commission on Dental Accreditation, a specialized accrediting body recognized by the Council on Post-Secondary Accreditation and the United States Department of Education. The graduate is eligible for National, Regional, and State examinations in each of the fifty United States, and students earning the Associate's degree may apply their credits towards a Bachelor's degree.

Accreditation

The A.S. and B.S. degree programs in Dental Hygiene are both licensed and accredited by the State of Connecticut Department of Higher Education and the New England Association of Schools and Colleges.

Admission Criteria and Procedures

Qualifications and procedures required of applicants to the Fones School are the same as those described in the chapter on Admissions. Dental Hygiene courses begin in the fall term and the Associate's degree curriculum is open only to full-time Dental Hygiene students. Clinical students are required to submit a physical, dental and visual acuity report and current cardiopulmonary resuscitation/recognition certification on an annual basis.

General Criteria for the A.S. and the B.S. Degree in Dental Hygiene

The two year basic core curriculum of the Fones School combines courses from the College of Graduate and Undergraduate Studies and the Fones School of Dental Hygiene to provide a broad educational preparation. In addition to basic and dental science theory, the program provides education in preventive service and dental health education.

During the second year, the students receive clinical education at the Fones Dental Health Center on campus, and through assignments to the clinical and educational facilities of school dental health programs, hospitals and community agencies. These assignments are directly supervised by Fones faculty. Students are responsible for providing their own transportation to community agencies.

A student who earns a grade of C- or below in a course in the major field, must obtain a written statement from the School Director specifying the procedure necessary to remedy the deficiency and remain in the major.

Enrollment in the second year is contingent on completing all first year requirements and achieving a QPR of 2.0.

Education at the baccalaureate level enhances the dental hygienists' opportunities, abilities, background and values. The professional dental hygiene curriculum is combined with a liberal arts education. Upon satisfactory completion of 120-125 credits in the areas of study specified, the student will be recommended for the degree of Bachelor of Science in Dental Hygiene.

Students in the Bachelor of Science degree (B.S.) may integrate the Bachelor's courses with the clinical aspect of the Dental Hygiene curriculum or pursue a Baccalaureate degree (B.S.) after completing clinical preparation at the Associate in Science Certificate Level. This Baccalaureate degree completion approach is available to Fones' students and graduates of a Dental Hygiene program that is accredited by a specialized accrediting agency recognized by the Council on Post Secondary Accreditation and the United States Department of Education.

All courses listed in the major program section of the catalog for the Associate in Science and/or Bachelor of Science degree are required for graduation. The majority of Dental Hygiene courses may be taken during the regular academic year.

Nutrition Institute

Director: Blonnie Thompson
The Nutrition Institute
Eleanor Dana Hall, Room 113
203-576-4667

Faculty: Paul, Thompson
Adjunct Faculty: Ali, Bocchino, Carroll,
Glade, Italia, Karbowski, Kandler,
Perrotto, Saladino, Seymour

Degree Program

Human Nutrition (M.S.)

Mission Statement

The mission of the human nutrition program is to provide a sound biochemical and physiological study of nutrition which will allow students to understand the complex interrelationships between nutrition and health. The program further aims to explore the role of nutrition as a preventative, adjunctive, and alternative strategy for the prevention and amelioration of specific disorders. The program aims to provide this comprehensive study to individuals with busy schedules who would otherwise not be able to complete a graduate program without interrupting their work schedules. The program is accessible to these individuals through classes which are held Saturday and Sunday, from 9:00 am to 5:00 pm., one weekend each month for eighteen months; or through a distance learning format in which the program is offered online, concurrent with the weekend program.

In support of the mission of the Nutrition Institute, the curriculum and educational experiences within the Nutrition program are designed to:

1. Provide a foundation in basic and clinical nutrition that supports the entry of graduates into doctoral nutrition programs.
2. Encourage original and critical thinking among its students through self-expression in classroom settings and through their research.

3. Encourage the maintenance of an awareness of current trends in nutrition through available periodicals.
4. Provide opportunities for students to gain practical experience through internship affiliations with area complementary and alternative medical facilities.
5. Promote scientific interchange among local students and students across the nation through local and national meetings and through the online program.
6. Provide an opportunity for medical, chiropractic, and other healthcare providers to expand their practice through skills and knowledge gained from graduate studies in nutrition.

Accreditation

The Human Nutrition Program is licensed and accredited by the Connecticut Board of Governors for Higher Education and the Commission on Institutions of Higher Education, New England Association of Schools and Colleges, Inc.

Admission Criteria and Procedures

Applicants for admission to the Nutrition Program should hold a baccalaureate degree from an accredited college or university with an above average academic record and course work in Human Anatomy and Physiology and Organic Chemistry or Introductory Biochemistry.

A personal statement, two letters of recommendation, and academic work beyond the baccalaureate degree, are also considered in the evaluation for admission to the program.

Registration Requirements

Students who do not register with the University Registrar, may mail registration forms directly to the Nutrition Institute or register in person at the Nutrition Institute on or before the first day of class.

Degree Requirements

Degree candidates must complete the courses listed in the 31-semester hour curriculum, including an independent research project, with a minimum QPR of 3.0 (B average).

Pre-Human Nutrition Program

The University offers the prerequisites, Anatomy and Physiology and Introduction to Biochemistry in an accelerated weekend program. The courses are offered annually, in May and September. Students must achieve a minimum grade of B in each prerequisite course in order to enter the Master's degree program.

Basic Nutrition Program

All students enrolled in the Master's program who have not taken a basic nutrition course will be required to take Nutr 123, Nutrition Seminar which is offered annually, in January and May, after first semester courses.

Joint Programs

Joint programs with the College of Chiropractic and the College of Naturopathic Medicine have been established to allow students to pursue the M.S. degree in Human Nutrition while working on the D.C. or N.D. degree. Students who have completed the fifth semester of chiropractic or naturopathic studies, with a 3.0 GPA, will be recommended by their respective deans for entry into the Master's program at an advanced level.

JOINT DC/MS PROGRAM

Students from the College of Chiropractic will enter the second semester of the Nutrition Program. They will be required to complete a total of 17 semester hours of required nutrition courses (560C and 560F-560M), and 3 semester hours from an elective course.

Nutrition Institute

JOINT ND/MS PROGRAM

Students from the College of Naturopathic Medicine will enter the third semester of the Nutrition Program. They will be required to complete a total of 13 semester hours of required nutrition courses (560F-560M) and receive 3 credits from the Botanical Medicine courses taken in the Naturopathic Program to fulfill the elective course requirement in the Nutrition Program.

Pre-Human Nutrition Curriculum

Nutr 121	Anatomy and Physiology I, II	6
Nutr 122	Introduction to Biochemistry	4

Basic Nutrition Curriculum

Nutr 123	Nutrition Seminar	1
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Master of Science Curriculum

Nutr 560A	Pathophysiologic Basis of Metabolic Disease	4
Nutr 560B	Biochemistry of Nutrition	4
Nutr 560C	Vitamins and Minerals	4
Nutr 560D	Clinical Biochemistry	3
Nutr 560E	Assessment of Nutritional Status	3
	Nutritional Therapeutics	4
Nutr 560H	Developmental Nutrition	3
Nutr 560J	Research in Nutrition	3
Nutr 560M	Biostatistics	3
		31

Elective Courses

Nutr 560L	Nutrition and Exercise	3
Nutr 560P	Botanical Medicine	3
		6

School of Continuing and Professional Studies

Dean: Michael Giampaoli
Associate Dean: Sharon Klebe
(203) 358-0700
E-mail: Klebe@bridgeport.edu

IDEAL Program Director: Tempe G. Reith
(203) 576-4800
E-mail: treith@bridgeport.edu

Coordinator of Distance Education:
Michael Giampaoli
(203) 576-4851
E-mail: ubonline@bridgeport.edu

The School of Continuing and Professional Studies was established in 1999 to provide leadership and to increase the visibility of the University of Bridgeport's successful academic programs and support services for adult students.

THE IDEAL ADULT DEGREE PROGRAM

Director of the IDEAL Program: Tempe Reith
Stratford Hall
203-576-4800

Program Coordinator: Olga Kaminskaya

Many highly motivated adults are prepared for a challenging college experience but must balance school with work and family commitments. At the same time, employers recognize the increased effectiveness of employees who are college trained. To respond to the needs and interests of both individual adults and the business community the University's School of General Studies has developed a special option for part-time undergraduate study. Initiated in 1988, IDEAL (Innovative Degree Excellence in Accelerated Learning) offers individualized degree planning, innovative formats, and a wide range of courses in business and the liberal arts. The IDEAL Program responds to a broad spectrum of educational goals and aspirations. By providing access to specially designed offerings ranging from weekend courses to condensed evening courses, IDEAL offers a variety of learning opportunities for the adult student.

To afford greater access for working stu-

dents, the program extends the boundaries of the University and offers many of its programs off-campus. University of Bridgeport Stamford Campus provides a corporate setting for courses and academic services. In addition, IDEAL offers courses on the Bridgeport campus, at Trumbull High School and Gateway Community Technical College in North Haven.

On the main campus in Bridgeport, IDEAL offices are located in Stratford Hall, a spacious and comfortable residence at 276 Park Avenue.

UNIVERSITY OF BRIDGEPORT — STAMFORD CAMPUS

Executive Director: Sharon A. Klebe
5 Riverbend Drive
Stamford, Connecticut 06907
Tel: (203) 358-0700

The University of Bridgeport's Stamford Campus celebrated its 25th Anniversary in 2000. The Stamford Campus is located at the Riverbend Business Center, a corporate park directly behind the Springdale Railroad Station, midway between Route 95 and the Merritt Parkway. The facility in Stamford contains offices, classrooms, a library, a student lounge, bookstore and two computer laboratories, including a new SUN workstation lab.

Location in the Riverbend Business Center affords the University the opportunity to conduct conferences within the business park, making use of the extensive conference facilities and food service.

The University offers a comprehensive program in Stamford including graduate programs in **Business, Computer Science, Education, Counseling, Human Resource Development and Educational Management**, and an undergraduate degree program, called **IDEAL**, for working adults, offering degrees in business and liberal arts. More than 500 adult students attend classes at the University site in Stamford each semester, many of them in the evenings and on weekends. The mission of the University of Bridgeport-Stamford

Campus Center is to serve the educational needs of residents and employees through professional programs designed for job enhancement. Most students are employed with Southern Connecticut, New York or New Jersey companies or organizations and attend classes part-time.

The University of Bridgeport-Stamford Campus office is open weekdays from 9:30 a.m. to 7:00 p.m. and on weekends from 8:00 a.m. to 3:00 p.m.

OFFICE OF DISTANCE EDUCATION

Director: Michael Giampaoli
Carlson Hall
(203) 576-4851

The University of Bridgeport's distance education program offers an opportunity for people all over the world to enhance their professional practice, enrich their understanding, and stay knowledgeable and competitive in today's global environment — all from their homes or offices, at any time. Distance Education offers a learning experience that takes full advantage of the electronic medium (interactive computer conferencing, video and audio tape, CD-ROM and other software). At the core of online courses is the individual guidance provided by the instructors and the interactive electronic environment that allows a greater degree of class discussion and participation. Our online instructors are practicing professionals or UB faculty — experienced educators who are your partners in a dynamic and interactive educational environment. Our online students receive the same high quality instruction that UB offers on the traditional campus. The integration of Internet technology is stimulating and intellectually challenging and will contribute to your ability to perform and master the subject of study.

School of Continuing and Professional Studies

Coursework and Instruction

The basic course activities (reading, writing, discussion and research) are similar to traditional course activities, except that the coursework can be accessed anytime from anyplace. The instructor and students communicate and interact with each other using electronic mail and online discussion classrooms. The instructor provides online lecture notes, guides the use of Internet resources, asks and answers questions, assesses progress and gives feedback. Once your course begins, you can log-on to access and send e-mail notes, participate in the class discussion with other students, and research the latest information on the Internet. The online courses follow a seminar format, with feedback from the instructor to supplement the dialogue occurring among your fellow students.

Programs of Study

The distance education program offers the Master of Science Degree in Human Nutrition, Instructional Technology, Computer Networking, and undergraduate courses in Business, Management, Marketing, and Political Economy.

The Online Campus

The University of Bridgeport's Online Campus offers academic programs, library resources and student services that are available 24 hours a day. Whether you're going to class in the Academic Center, looking for information on financial aid, searching for research materials in the Library, talking with an academic counselor, or arguing over the latest Internet discoveries in the Student Union cafe, you'll find a dynamic and exceptional learning environment.

LIBRARY RESOURCES:

Students have full access to borrow the books, journals and other publications within the University of Bridgeport Library system. Full-time reference librarians assist students in how to use resources such as internet search databases to find books, research studies, scholarly indexes, reports, and articles.

STUDENT SERVICES:

Students have online access to the Admission office to contact academic and career counselors, register for courses, apply for financial aid, and request information. A Student Union "cafe" discussion is online for students to discuss student news, share online experiences and organize activities.

FINANCIAL AID:

Students accepted for enrollment may be considered for several forms of institutional and federal financial aid.

FOR FURTHER INFORMATION, CONTACT:

Office of Distance Education
Carlson Hall
Bridgeport, CT 06601
Tel: (203) 576-4851
Fax: (203) 576-4852
Website: www.bridgeport.edu
E-mail: ubonline@bridgeport.edu

English Language Institute (ELI)

Director: Meg Cooney

English Language Institute
University of Bridgeport
200 Carlson Hall
Bridgeport, CT 06601, USA

Telephone: (203) 576-4860

Fax: (203) 576-4861

E-mail: esl@bridgeport.edu

Internet: <http://www.bridgeport.edu/eli/>

General Information

The English Language Institute of the University of Bridgeport offers an intensive program of English as a Second Language. ELI also organizes off-campus trips and on-campus activities designed to introduce international students to the United States, its language and its people.

ELI classes are offered year round, Monday through Friday. Full-time students attend class in the mornings and afternoons. Part-time students can choose to attend mornings or afternoons. For full-time students, a typical day consists of 4 hours of instruction, including classroom instruction in grammar, reading, and composition, small group instruction in speaking, listening comprehension, and pronunciation, and assigned work in the university's state-of-the-art language laboratory. ELI provides highly individualized instruction. Classes are limited to 15 students per teacher and small groups are limited to 4 students per teacher.

ELI students receive a University of Bridgeport student I.D. card and are entitled to use facilities on the campus of the University of Bridgeport, such as the Wahlstrom Library, Centers for Academic Computing, Email/Internet access, and the Wheeler Recreation Center, to name but a few.

Admission

ELI students must have a strong personal commitment to learning the English language. Courses in English as a Second Language are offered year-round at all levels from beginner through advanced. ELI application forms and additional program information may be obtained at the above address or may be printed out directly from the ELI Internet address shown above.

Applicants must be at least 17 years old. Applications are accepted at any time of the year and new students may begin class throughout the year. ELI issues an official letter of admission to the program and an I-20 form promptly upon receiving a completed ELI application. After receiving the I-20 issued by ELI, the prospective student may apply for an F-1 student visa at an American embassy or consulate prior to coming to the United States.

Why Students Enroll at ELI

Many students wish to enrich their knowledge of the English language while on leave from a school or a job in their home country. Most of these students return to their home country after a stay at ELI of from 4 weeks to a full year or more.

Many ELI students plan to apply for admission to a degree program at the University of Bridgeport. They improve their knowledge of English to meet the English language requirement for university admission. These students usually obtain "conditional acceptance" to a degree program and will receive full acceptance when they satisfy the University's English language requirement for admission. It should be noted that successful completion of ELI's advanced level satisfies the English language requirement for admission to the University of Bridgeport. ELI graduates are not required to take the TOEFL.

The Curriculum

The curriculum of ELI focuses on improving skills in speaking, pronunciation, listening comprehension, writing, and reading. At all levels of the curriculum, ELI instructors seek to help students improve their language skills through active use of the language both in and out of the classroom.

New students complete a placement test upon arrival and are placed in the appropriate level of English. ELI limits enrollment to a maximum of 15 students per class and 4 students per small group. This allows ELI instructors to meet the individual needs of students and provide high-quality instruction.

Students who are placed in the beginning level concentrate on learning the basics of speaking and listening comprehension. Basic reading and writing are used to build vocabulary.

As students progress through the low intermediate and high intermediate levels, they continue to improve their speaking and listening skills while taking on more challenging tasks in English communication through reading and writing.

In the advanced levels, students strive to achieve competence in language-dependent tasks similar to those that are required of native speakers of English in both academic and career-related activities. These include reading for content; note-taking from spoken and written materials; speaking skills needed to relate information, to persuade, to negotiate, and to inquire; and skills needed in essay and report writing, as well as in effective correspondence.

Graduates of ELI receive a "Certificate of Completion" which certifies that they have met the English language requirement for admission to the University of Bridgeport. Grades reports are issued upon request.

English Language Institute (ELI)

Schedule of Charges

Prospective students should include \$35 with their ELI application. This non-refundable application fee includes the cost of processing the application and sending the ELI letter of admission and 1-20 form via Express Mail to the applicant's address anywhere in the world. Students may stay for any number of 4-week sessions they choose. Charges are due and payable in full at the beginning of each 4-week session. All charges are subject to change without notice.

The following charges are for each 4-week session at ELI:

Full-time tuition: \$885
(Full-time is required for students who hold the F-1 student visa)

Part-time tuition: \$450

Double occupancy residence
hall charges: *(optional)* \$395

Meals (40): *(optional)* \$290

Health and accident insurance: \$43

Security fee: \$15

The following are one-time charges only:

Application fee: \$35

Security deposit: \$50
(refundable at departure)

In addition, ELI students should plan on spending about \$300 per 4-week session to cover miscellaneous personal expenses such as recreational travel, local transportation, books, laundry, clothing, additional meals, etc.

Payment of all charges may be made by personal check, traveler's checks, credit card (American Express, MasterCard, and Visa), or bank wire.

Application Forms and Additional Information

Prospective students may obtain application forms, credit card charge forms, wire transfer information, insurance information, etc. at ELI's Internet site, by email, or by calling or faxing ELI.

Ernest C. Trefz Center for Venture Management and Entrepreneurial Studies

The Ernest C. Trefz Center for Venture Management and Entrepreneurial Studies (CVM) builds upon the entrepreneurial spirit of its principle supporter to encourage the development and retention of small businesses in the region. The Center provides opportunities for potential entrepreneurs and small business persons to get expert help with their ventures and for faculty and students to participate in entrepreneurial experiences.

COMPONENTS OF THE CENTER FOR VENTURE MANAGEMENT INCLUDE:

- *The Business Development Institute* helps potential entrepreneurs and small business persons get help in start-up, business organization, finance, marketing, staffing and management; and assists in evaluating technology and development planning.
- *The Bridgeport Foreign Trade Institute* sponsors monthly international business seminars and conferences; develops networks of international business firms; provides consultation services to those individuals and organizations who attempt to enter international business; and assists local governments in promoting local businesses and products made in the State of Connecticut to foreign markets and investors.
- *The Urban Management Institute* studies socio-economic issues in the region and recommends appropriate policy initiatives.
- *The Special Projects Unit* promotes activities especially targeted for small business people in the region through conferences, seminars and special events. Typical events include: "*The Entrepreneurship Conference*," "*The National Innovation Workshop*," "*Technology Transfer and Licensing*," "*The Banking Forum*," and Minority Workshops on "*How To Succeed In Small Business*."
- The *SCORE* (Service Corps of Retired Executives), Bridgeport Chapter, is housed in the Trefz Center on the University campus. SCORE offers opportunities to students for internships in business consultation.

Institute for the Study of Values and Ethics

Director: Anthony J. Guerra
Executive Director: Robert A. Schaff
Mandeville Hall
Tel: (203) 576-4384
Fax: (203) 576-4388

The Institute for Study of Values and Ethics conducts moral issue research with leading scholars. Under the banner "*For truth is our quest*", the Institute supports the global focus of the University of Bridgeport. Although many universities have similar institutes we do not find any with the same orientation.

Mission Statement

To promote rigorous investigation of questions of values and ethics the Institute—

- conducts critical analyses of values underlying social institutions and personal relationships.
- fosters intellectual inquiry on ethical issues by bringing renown-ed scholars to the University in forums of community benefit.
- develops programs for leaders in the greater Bridgeport area on social issues having moral significance.
- makes policy recommendations on issues with ethical or value consequences.

Activities

Each year since its 1993 founding the Institute has sponsored internationally known scholars for conferences, forums and seminars on a broad range of topics. Among the activities are:

Conferences

Conferences of 2-5 days duration allow in-depth exploration of a topic. Recent conferences include:

Is World Peace Possible? with Max S tackhouse, Princeton Theological Seminary; Justus van der Kroef, University of

Bridgeport Professor of Political Science; William Graham, Harvard Professor of the History of Religion, Richard Rubenstein, President Emeritus, University of Bridgeport.

Paradigm Shifts in the Health and Biological Sciences, with Ian Coulter, UCLA and RAND Corp.; and Richard Strohmman, UC-Berkeley, Chairman of Molecular & Cell Biology.

City Neighborhoods: Looking to the Future, with Robert L. Woodson, author of *The Triumphs of Joseph*, and Charles Stokes, President, Institute for the Study of American Cities.

Urban Focus, with L.F. Cavazos, former US Secretary of Education; E.A. Perez, Director of Neighborhood & Government Relations, Trinity College; and Maria Melendez, City of Bridgeport Assistant Superintendent of Schools.

Religious Traditions in Modern Society with Yvonne Haddad, U.Mass., Arthur Dyck, Harvard University; Wei-Ming Tu, Harvard; and Anthony J. Guerra, U. of Bridgeport.

Urban Educational Issues, with Edith McMullen, Yale University; Michael Fox, Office of Congressman C. Shays; and Richard Allen, T. Mathai Thomas, and Robert Schaff of the University of Bridgeport.

Do No Harm, focused on moral decision-making. Moderated by Stephen Post, Case Western University.

Issues in Values and Ethics, a conference on moral precepts in professional disciplines, with Christina Hoff Sommers, Clark University, Caroline Whitbeck, M.I.T., John Wilcox, Manhattan College, Steven Post, Case Western University, and Eric J. Cooper, Director, National Urban Alliance for Education.

Seminars

Visiting scholars have provided unique points of view on a wide range of subjects.

Hans-Martin Rumscheidt - **The Ethics of Dietrich Bonhoeffer**

Wesley Pruden, Editor in Chief of the *Washington Times* – **How the Media is Murdering Itself**

Claire Cassidy, Research Director, Acupuncture Institute – **Human Values in Alternative Medicine**

Elizabeth Maxwell, **The Treason of German Intellectual Leaders Under the Nazi Regime**

Klaus Rohmann, Katholische Fachhochschule Nordeutschland, and Waldemar Molinski, University of Wuppertal, **Germany after Unification**

John Kelsay, Florida State University – **Religion and Politics**

Dan Goleman – **Emotional Intelligence**

Sidney Callahan, Mercey College – **Moral Decision Making**

Kevin Ryan, Boston University – **Character Education: Latest Fad or Oldest Mission.**

Book Forums

The Institute sponsors annual reviews and debates of new literature on topics of interest.

Steering Committee

Activities of the Institute for Study of Values and Ethics are determined and controlled by a faculty steering committee. Current members are:

Timothy Eves (School of Arts and Sciences)
Anthony J. Guerra (School of Arts and Sciences)

Stephen Healey (International College)
Thomas Juliusburger (School of Arts and Sciences)

Stephen M. Perle (College of Chiropractic)
Donna Phillips (School of Education & Human Resources)

Tracy Rigia (School of Business)
Robert Schaff (School of Business)
T. Mathai Thomas (School of Education & Human Resources)

Pre-Professional Programs

The University of Bridgeport is committed to providing the appropriate education and guidance to those students for whom the baccalaureate degree is a steppingstone to the completion of a professional degree in the health sciences or law. To this end the University has established a Pre-Law and a Pre-Health advisory program.

Pre-Law Studies

Advisor: Hans van der Giessen
(203) 576-4398

Admission to law school is not accomplished by meeting a pre-determined set of requirements, other than a baccalaureate degree from an accredited institution. No particular major is favored or recommended, but the most commonly pursued undergraduate disciplines are in the liberal arts. The University of Bridgeport's Bachelor of Science in General Studies provides students with the opportunity to create a program, in consultation with their advisor, that may more precisely fit the needs of the pre-law student. Accredited schools of law do require, however, that applicants take the Law School Admission Test (LSAT) and virtually all require a personal essay. The percentile score achieved on the LSAT, the cumulative grade point average earned as an undergraduate, and the personal essay form the foundation of the admission decision process.

The University of Bridgeport has constituted a Pre-Law Faculty Advisory Council consisting of individuals with significant experience in the law or pre-law studies. Pre-Law students will be referred to an appropriate advisor who will counsel students in the area of course selection, LSAT preparation, law school selection, and the preparation of the law school application.

Pre-Health Professional Studies

Advisor to Pre-Health: Robert Singletary
Dana Hall, Room 210
(203) 576-4271

Advisor to Pre-Health for General Studies Majors: Edward Geist
Stratford Hall
(203) 576-4956

The major categories of Pre-Health Professional Studies are:

- Pre-Chiropractic
- Pre-Naturopathic
- Pre-Dental
- Pre-Veterinary
- Pre-Medical

Virtually all of the professional schools in these fields have the same minimum entrance requirements:

1. Completion of 90 credit hours of college work or completion of a bachelor's degree,
2. Completion of laboratory science courses in the following subjects:
Biology – 6 credit hours
General Chemistry – 6 credit hours
Organic Chemistry – 6 credit hours
General Physics – 6 credit hours
3. Completion of a liberal arts core that includes English composition, psychology, communications, humanities, social sciences, and the fine arts.

Depending on the health profession and school some variation in these requirements does occur.

The highest percentage of students admitted to health professional graduate schools major in biology with chemistry the second most common major. However, students majoring in any discipline, e.g. history, music, or psychology, are also viable candidates provided they satisfy the pre-requisites of the professional school to which they seek admission.

The University of Bridgeport's Biology Major offers a B.A. or B.S. degree that provides a rigorous scientific and technical program for the pre-health professional student. See the Biology major for additional details.

The University of Bridgeport's Bachelor of Science in General Studies (B.E.S.) degree program provides the student with the opportunity to create a program, in consultation with their advisor, that may fit the individual student's particular needs.

The University offers a pre-Chiropractic program in the Biology major and the General Studies major. These programs are offered with the cooperation of the University of Bridgeport College of Chiropractic. In both programs the student may elect a 90-Credit Basic Option, Combined Baccalaureate/Doctor of Chiropractic Option, or Complete Baccalaureate followed by Doctor of Chiropractic Option. See the description of the pre-chiropractic program elsewhere in the catalog.

A pre-Naturopathic program is also offered in cooperation with the University of Bridgeport's College of Naturopathic Medicine. In this program a student must complete the bachelor's degree before entering the College of Naturopathic Medicine. See the description of this program elsewhere in the catalog.

It should be noted that pre-health professional study in any of the above areas provides an excellent foundation for other careers in the health sciences, including osteopathy, podiatry, physical therapy, optometry, and pharmacy.

Pre-Professional Programs for Chiropractic

The University of Bridgeport offers two pre-professional programs for students preparing for Chiropractic College, the **Accelerated Sciences Program** for students who have already earned a baccalaureate degree and the **Pre-Chiropractic Program** for undergraduate students. These programs fulfill the prerequisites for all Chiropractic colleges in the United States and Canada, including the University of Bridgeport College of Chiropractic.

Accelerated Sciences Program

The Accelerated Sciences Program is for students who have already earned a baccalaureate degree but do not have the required sciences to enter the Doctor of Chiropractic degree program.

This program allows those with a baccalaureate degree to complete their prerequisite science courses on an accelerated basis as non-matriculated students. The course schedule is designed so that a student can complete the eight required science courses in two college terms or less. The following courses are offered to meet the science requirements listed below:

- Biology 113, 114
Anatomy & Physiology I, II
8 Semester Hours
- Chemistry 103, 104
General Chemistry I, II
8 Semester Hours
- Chemistry 205, 206
Organic Chemistry I, II
8 Semester Hours
- Physics 201, 202
General Physics I, II
8 Semester Hours

Anatomy & Physiology and General Chemistry are typically offered in the Spring and Summer terms. Organic Chemistry and General Physics are typically offered in the Summer and Fall terms.

For a class schedule contact the Division of Natural Sciences and Mathematics office at (203) 576-4271 or the College of Chiropractic admissions office at (203) 576-4348 or toll-free at (888) 822-4476.

Pre-Chiropractic Programs

Three undergraduate options of pre-chiropractic are offered in the Biology and General Studies majors: **90-Credit Basic Option, Combined Baccalaureate/Doctor of Chiropractic Option**, and **Complete Baccalaureate Followed by Doctor of Chiropractic Option**. In both majors the student earns a bachelor's degree which provides requirements for entrance into Chiropractic school.

The University of Bridgeport's Biology major offers both the B.S. and B.A. degrees. The major provides a rigorous scientific and technical program for the pre-Chiropractic student. The program is described in the section on Biology degrees.

The University of Bridgeport's Bachelor of Science in General Studies (B.E.S.) degree program provides the student with the opportunity to create a program in consultation with their advisor, that may fit the individual student's particular needs. This program is described elsewhere in the catalog under the General Studies major.

Both of these majors fulfill the University of Bridgeport's College of Chiropractic's minimum entrance requirements, which are:

1. Completion of 90 semester hours of undergraduate course work with a minimum grade point average of 2.50 on a 4.00 scale. In addition to this the cumulative grade point average must be competitive with other applicants vying for seats in the College of Chiropractic.
2. Completion of the following specific courses as part of their professional preparation:
 - Communication/Language Skills
6 semester hours
 - Psychology
3 semester hours
 - Social Science
3 semester hours
 - Humanities
3 semester hours

- Electives (Social Science/Humanities)
9 semester hours
- Biology
6 semester hours
- General Chemistry
6 semester hours
- Organic Chemistry
6 semester hours
- General Physics
6 semester hours

3. All biology, chemistry, and physics courses must:

- be suitable for students majoring in the sciences,
- consist of a first semester and second semester course in each subject
- be passed with a grade of "C" (2.00 on a 4.00 scale) or better with a cumulative science quality point ratio of 2.25 or better,
- have a related laboratory.

90-CREDIT BASIC OPTION

Students electing this option complete 90 credits of course work, which includes fulfilling the Chiropractic admission requirements listed above. The student applies to and, if accepted, pursues the D.C. degree in Chiropractic college, but does not earn a bachelor's degree.

COMBINED BACCALAUREATE / DOCTOR OF CHIROPRACTIC OPTION

The University of Bridgeport School of Arts and Sciences and College of Chiropractic offer a seven year coordinated program leading to a combined Baccalaureate and Doctor of Chiropractic degree. Students enrolled in this option complete three years (at least 90 credits) of undergraduate coursework, including all required core courses in the University of Bridgeport curriculum. Students who successfully complete their first three years at the University of Bridgeport, and who comply with the requirements for admission to the University of Bridgeport College of Chiropractic described above may

Pre-Professional Programs for Chiropractic

be granted admission into the College of Chiropractic.

Upon acceptance and entrance into the College of Chiropractic, the student may transfer up to 30 semester hours of basic science coursework in the College of Chiropractic to their undergraduate record to be applied towards completion of the B.E.S. degree or B.S. or B.A. degree in Biology. A student must have a 2.50 grade point average in the College of Chiropractic and earned a grade of "C" or better in any course to be transferred. Courses which may be transferred for undergraduate credit are:

	Semester Hours
AN 511 Histology	4
AN 512 Functional Anatomy & Biomechanics I: Spine	5
BC 511 Biochemistry, Metabolism & Nutrition	4
AN 513 General Anatomy I: Viscera	4.5
AN 514 Embryology I	1
PH 521 Physiology I	3
NS 521 Neuroscience I	3
AN 525 General Anatomy II: Head & Neck	4.5
AN 526 Functional Anatomy & Biomechanics II: Extremities	5
AN 527 Embryology II	1
NS 612 Neuroscience II	5
PH 612 Physiology II	5
MB 621 Microbiology	5

Upon satisfactory completion of all requirements for the baccalaureate degree, including the needed basic science Chiropractic courses, the School of Arts and Sciences will award the appropriate degree. Requirements for the B.A. or B.S. degree in Biology are listed under Biology. Requirements for the Bachelor of Science in General Studies degree are listed under General Studies.

The student must work closely with the undergraduate advisor to insure all required courses for the baccalaureate degree as well as prerequisites for Chiropractic College are fulfilled. This is especially important in earning the first 90 credits towards the degree before entering Chiropractic college.

To be accepted for the Doctor of Chiropractic degree program, the student must:

- maintain a minimum grade point average of 2.50 with a minimum grade of "C" in all undergraduate courses required by the University of Bridgeport College of Chiropractic;**
- schedule a meeting with the Director of Admissions of the University of Bridgeport College of Chiropractic immediately upon matriculation at the University of Bridgeport, indicating intent to continue into the Doctor of Chiropractic program upon completion of prerequisite undergraduate study. Pre-chiropractic advisement will be coordinated with the student's undergraduate advisor;
- submit an application for admission to the Director of Admissions of the University of Bridgeport College of Chiropractic prior to registering for the fifth semester of pre-chiropractic study at the University of Bridgeport;
- successfully complete a personal interview with members of the Admissions Committee of the University of Bridgeport College of Chiropractic during the final semester of pre-chiropractic study.

*** Students in this program who complete the requirements for admission into the College of Chiropractic with a grade point average of 3.00 or higher and a grade of "B" or better in each of the science prerequisites will be granted preferred status for admission into the University of Bridgeport College of Chiropractic for the entry date of their choice.*

COMPLETE BACCALAUREATE FOLLOWED BY DOCTOR OF CHIROPRACTIC OPTION

Under this option, the student completes the baccalaureate degree, making sure all entrance requirements for Chiropractic College are satisfied. The student then, if accepted, enters Chiropractic College.

Prospective students with questions about any of the above programs and options may contact:

Robert Singletary
Chair of Biology
 Dana Hall, Room 210
 (203) 576-4271

Edward Geist
Advisor to Pre-Chiropractic General Studies Major
 Stratford Hall
 (203) 576-4956

Pre-Professional Programs for Naturopathic Medicine

The University of Bridgeport offers two pre-professional programs for students preparing for Naturopathic College. These programs fulfill the prerequisites for all Naturopathic colleges in the United States and Canada, including the University of Bridgeport College of Naturopathic Medicine.

Accelerated Sciences Program

The Accelerated Sciences Program is for students who have already earned a baccalaureate degree but do not have the required sciences to enter the Doctor of Naturopathic Medicine degree program.

This program allows those with a baccalaureate degree to complete their prerequisite science courses on an accelerated basis as non-matriculated students. The course schedule is designed so that a student can complete the eight required science courses in two college terms or less. The following courses are offered to meet the science requirements listed below:

- Biology 113, 114
Anatomy & Physiology I, II
8 Semester Hours
- Chemistry 103, 104
General Chemistry I, II
8 Semester Hours
- Chemistry 205, 206
Organic Chemistry I, II
8 Semester Hours
- Physics 201, 202
General Physics I, II
8 Semester Hours

Anatomy & Physiology and General Chemistry are typically offered in the Spring and Summer terms. Organic Chemistry and General Physics are typically offered in the Summer and Fall terms.

For a class schedule contact the Division of Natural Sciences and Mathematics office at (203) 576-4271 or the College of Naturopathic Medicine admission office at (203) 576-4109.

Pre-Naturopathic Programs

Undergraduate options of pre-naturopathy are offered in the Biology and Bachelor of Science in General Studies majors. In both of these programs the student earns a bachelor's degree which provides requirements for entrance into the College of Naturopathic Medicine and additional skills that will assist the students in their studies once there.

The University of Bridgeport's Biology major offers both the B.S. and B.A. degrees. The major provides a rigorous scientific and technical program for the pre-naturopathic student. The program is described in the section on Biology degrees.

The University of Bridgeport's Bachelor of Science in General Studies degree program provides the student with the opportunity to create a program in consultation with their advisor, that may fit the individual student's particular needs.

Both of these majors fulfill the University of Bridgeport's College of Naturopathic Medicine's minimum entrance requirements which are:

1. Completion of a baccalaureate degree, taken in an accredited degree-granting institution, with a minimum quality point ratio of 2.50 on a 4.00 scale.
2. Completion of the following specific courses as part of their professional preparation:
 - Communication/Language Skills
6 semester hours
 - Psychology
3 semester hours
 - Social Science
3 semester hours
 - Humanities
3 semester hours
 - Electives (Social Science/Humanities)
9 semester hours
 - General Biology/Zoology/Anatomy & Physiology (with lab)
6 semester hours

- General Chemistry (with lab)
6 semester hours
 - Organic Chemistry (with lab)
6 semester hours
 - General Physics (with lab)
6 semester hours
3. All biology/zoology/anatomy & physiology, chemistry, and physics courses must:
- be suitable for students majoring in the sciences,
 - consist of a first semester and second semester course in each subject
 - be passed with a grade of "C" (2.00 on a 4.00 scale) or better with a cumulative quality point ratio of 2.50 or better,
 - have a related laboratory, and
 - have been taken within the past seven years.

Prospective students with questions about any of the above programs and options may contact:

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Chair of Biology
Dana Hall, Room 210
(203) 576-4271

Edward Geist
*Advisor to Pre-Chiropractic
General Studies Major*
Stratford Hall
(203) 576-4956

Miriam Madwed
Director of Admissions
College of Naturopathic Medicine
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