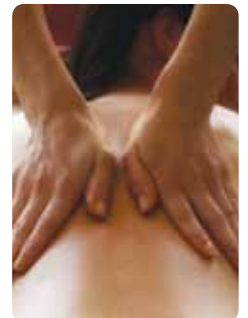


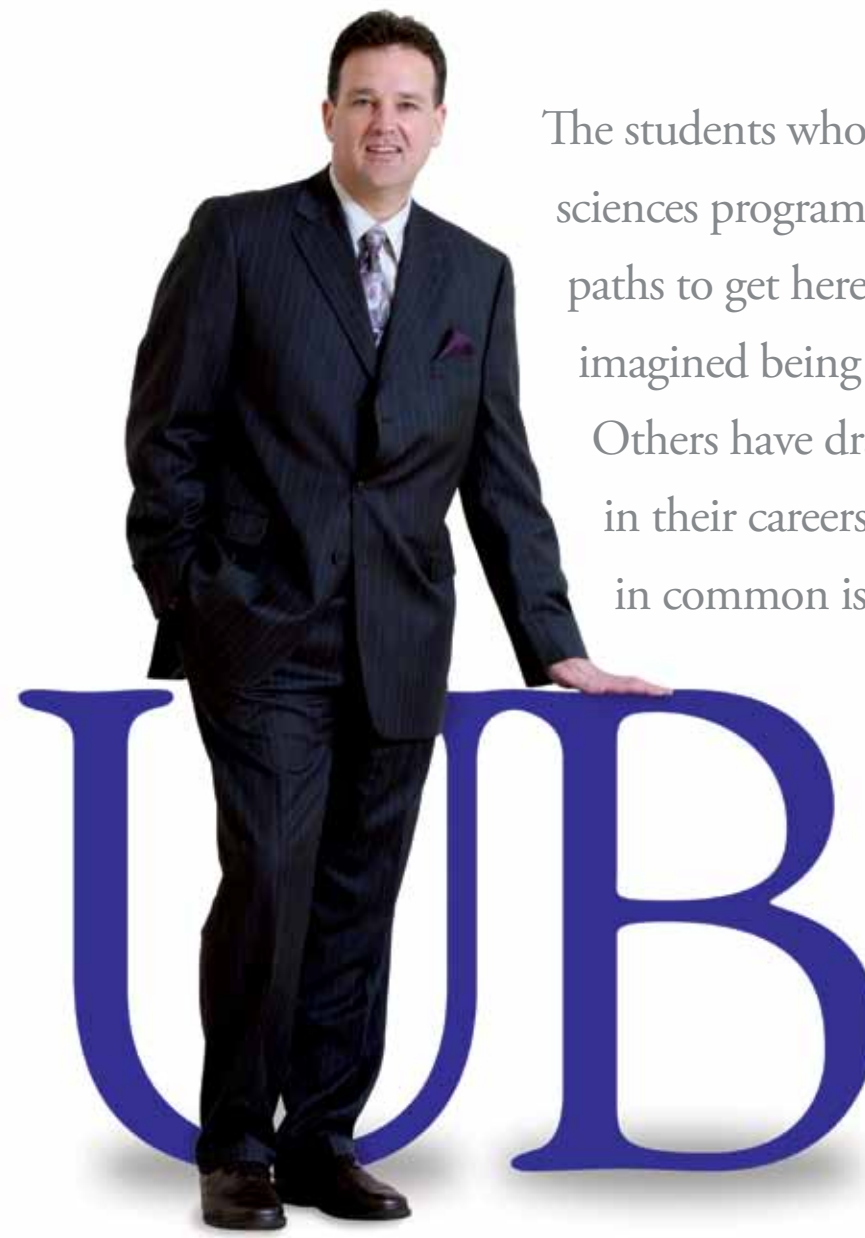


Division of Health Sciences Graduate Programs



**UNIVERSITY OF
BRIDGEPORT**

Opening doors. Building futures.



The students who attend our health sciences programs travel very different paths to get here. Some have always imagined being a health care professional. Others have dramatically changed course in their careers. But what they all have in common is a desire to be part of something bigger – and this is what UB offers in many different ways.

Dr. David M. Brady
*Vice Provost, Health Sciences Division
 Director, Human Nutrition Institute*

We are a university-based Center of Excellence for complementary and wellness-based disciplines. As part of a university system, we offer exceptional resources. Our location in Connecticut's largest city and our collaborative relationship with a number of award-winning hospitals provide a variety of additional clinical opportunities. Many of our students also take advantage of UB's dual degree offerings, enabling them to integrate their professional skills and offer their future patients a broader range of health care services.

UB's Health Sciences Center Teaching Clinics, located on campus, give our students the ability to study and work alongside health care specialists as part of a multidisciplinary team. This hands-on clinical experience gives our students the real-world preparation needed to become successful practitioners. Our distinguished faculty is renowned not only for teaching and research, but also for their accessibility and caring. UB has one of the most advanced digital library

systems in the country, plus an expanding network of smart classrooms and wireless facilities. A state-of-the-art anatomy lab is currently under construction. Despite all this, we never forget what is at the heart of a quality educational experience: a collegial atmosphere and small class size are both hallmarks of our institution.

The remainder of this brochure will give you a closer look at what makes UB a special place to prepare for a career in the health sciences. I think the more you learn about our program, the more you'll want to be a part of something bigger.

Sincerely,

Dr. David M. Brady
 Vice Provost, Health Sciences Division
 Director, Human Nutrition Institute

UBelong in a University Environment

The University of Bridgeport offers more than 125 majors, graduate and doctoral programs. In addition to our five Health Sciences schools, UB prepares students for careers in business, engineering, education, public service, and the liberal arts.

We have a highly diverse student body, with individuals from 80 countries who have chosen UB because of our reputation for academic excellence, leadership, and innovation.

UB was founded in 1927. Our 50-acre campus is situated on Long Island Sound, adjacent to a beautiful 300-acre park and an hour's drive from Manhattan. Area attractions include concerts and sporting events as well as museums, theaters, and other cultural and recreational offerings in Connecticut and New York City.

The University's Wheeler Recreation Center offers a 25-meter swimming pool and an adjacent steam room and sauna. The field house features tennis, basketball, volleyball, racquetball and handball courts, and a jogging track.

UB is in the midst of a wide range of infrastructure and facilities enhancements. This includes the upcoming restoration of the Arnold Bernhard Center into a leading visual and performing arts facility.

A vital part of our campus is the UB Health Sciences Center, which houses the clinics where our health sciences degree candidates work side-by-side with clinicians. The Center offers members of the community a centralized location for evaluation and treatment in four clinics (Dental Hygiene, Naturopathic Medicine, Chiropractic and Acupuncture).

Research Facilities

In addition to the recently completed state-of-the-art Library Learning Commons, UB's Magnus Wahlstrom Library has also transformed itself into one of the most advanced digital libraries in the United States, with more than 50,000 electronic books and 80,000 electronic journals. The library houses more than 220,000 books and 50,700 bound periodical volumes, and subscribes to approximately 440 continuations (book series). Residence halls are networked for individual computer hookups and library access.

Living and Housing

Health Sciences students may reside in University on-campus residence halls. Off-campus housing in the surrounding area also is available. For more information, please contact the Office of Residential Life at 203-576-4395.

Financial Aid

A variety of financial aid opportunities are available to students in the Health Sciences programs. Tuition payment plans and private alternative loans also are available. International students must demonstrate that they have sufficient funds to finance their studies in the U.S. by completing the financial aid statement for international students included in the International Application for Admissions. To discuss your financial options, please contact the Office of Financial Aid at 1-800-EXCELUB or finaid@bridgeport.edu. The office is open Monday through Friday from 8:30 am to 4:30 pm.



Opening doors. Building futures.



Promoting Wellness, Managing Illness



Promoting Wellness, Managing Illness

“When I was a young girl I wanted to become a lawyer. But after college, my passion for exercise and fitness took me down a different path. UB’s Nutrition Institute enabled me to work full-time while studying for my master’s degree. Today I’m part of an integrated health team at the Canyon Ranch Resort & Spa, providing nutrition counseling to help our guests improve quality of life and manage illness. Thanks to UB, I’m really making a difference in people’s lives.”

— Chrissy Wellington, M.S., C.N.S., L.D.N., C.P.T.
Nutrition Institute
 Class of 2004

Nutrition Institute
M.S. in Human Nutrition
OFFERED ON CAMPUS AND ONLINE
www.ubhealth.org/nutrition

Established in 1977, the Nutrition Institute offers a science-based program for newcomers to the field and health care professionals who wish to integrate clinical nutrition into their practice. The Institute’s mission is to provide a sound understanding of the principles of nutrition and its role in attaining a longer, healthier life. Through activities in education, research, and workshops, the program seeks to raise the awareness of the value of nutrition in promoting wellness and managing illness.

The Human Nutrition Program provides a biochemical and physiological study of nutrition and its role in health and disease. Students gain skill in counseling in alternative and complementary medicine using nutritional strategies. The program provides its graduates with a foundation for entering Ph.D. programs in nutrition.



Curriculum

The Master of Science curriculum focuses on the role of human nutrition as a preventative, adjunctive, and alternative strategy for intervention in the disease process. The curriculum provides a core of basic and advanced nutrition courses, basic and clinical biochemistry, nutrition education and counseling, evidence based practice, and issues in public health nutrition. Elective courses are also offered and a thesis or comprehensive exam is required to fulfill degree requirements.

The M.S. in Human Nutrition is offered in two formats: a campus-based and an online program. A minimum of 41 semester credit hours with a GPA of 3.0 or higher is required to fulfill the M.S. degree.

Accreditation and Training

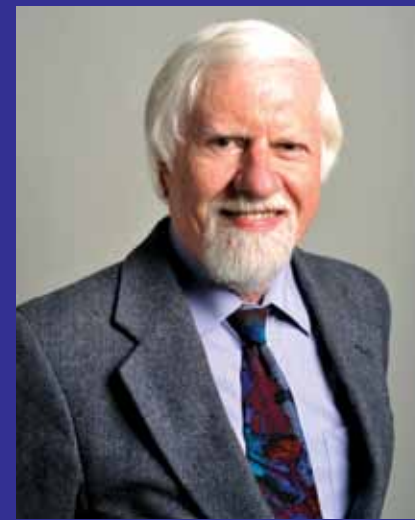
UB’s Human Nutrition Program is licensed and accredited by the Connecticut Board of Governors for Higher Education and the Commission on Institutions of Higher Education, New England Association of Schools and Colleges. Accreditation by the American Dietetic Association is not required, since the Master of Science program is not a dietetics training program. The program does not include the 900 hours of clinical training required for eligibility to take the registration examination for the Registered Dietician (R.D.) credential.

Where UBelong.

Faculty Profile

Dr. Barry S. Kendler is a Professor of Nutrition at the Nutrition Institute. He has taught at UB since 1992. Dr. Kendler teaches courses in Developmental Nutrition and Vitamins and Minerals and also serves as a thesis adviser. His research centers on conditionally essential nutrients, which he believes will be the main focus of nutritional therapeutics in the coming years.

Dr. Kendler was previously Professor of Biology at Manhattan College, where he taught courses in Nutrition and in Cardiovascular Biology for over three decades. A graduate of the City College of New York with a degree in Biology, he holds an M.S. in Zoology and a Ph.D. in Nutrition from Pennsylvania State University. He is a Fellow of the American College of Nutrition, a Certified Nutrition Specialist, and a New York State Certified Nutritionist. Dr. Kendler has given lectures to nutritional and medical audiences. His research has been published in numerous peer-reviewed biological and nutritional journals.



What Will UBecome?



Accelerated Entry into the Master's Degree Program

Basic Nutrition, Introduction to Bio-chemistry and Anatomy and Physiology may be completed at UB in only four months in a weekend on-campus program and through an online program. These courses are offered annually, in May and September. Students must complete each of these courses with a minimum grade of B.

Basic Nutrition Requirement

Degree candidates must complete the courses listed in the 41-credit curriculum with a minimum GPA of 3.0 (B average). On-campus students are required to complete an independent research project or literature-review-based thesis, while online students must complete an on-site comprehensive examination.



Admission Requirements

Students are accepted into the Nutrition Program from science and non-science backgrounds. Applicants should have a baccalaureate degree from a regionally accredited college or university, a 3.0 GPA on a 4.0 scale, and course work in anatomy and physiology, organic chemistry or introductory biochemistry, and basic nutrition. Undergraduate records and any graduate records, two letters of recommendation, and a personal statement are also used to evaluate applicants.

A TOEFL score of 550 is required of students whose native language is not English.

Accepted students are required to have completed course work in:

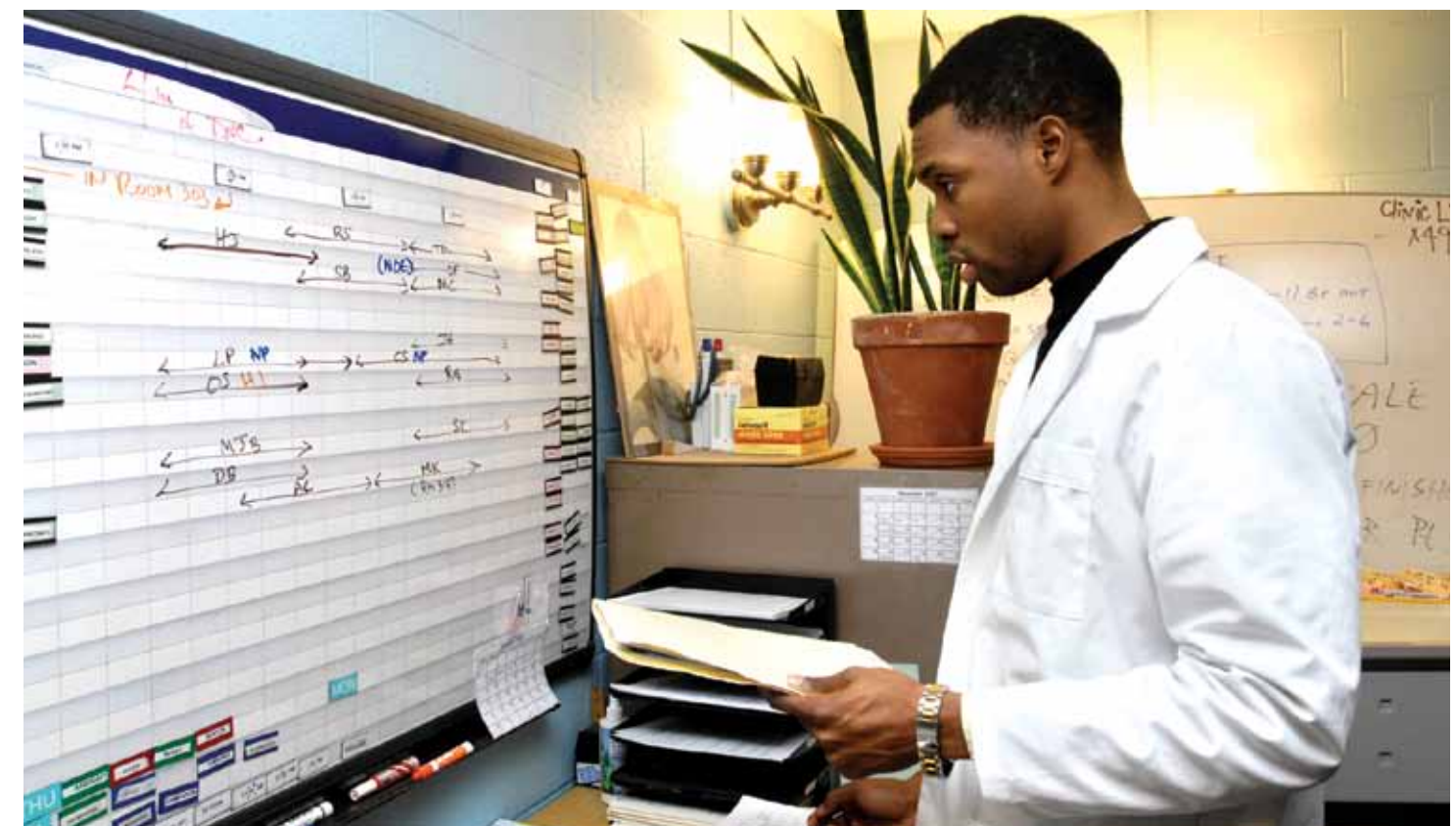
- Anatomy and Physiology – 6 credits
- Introductory Biochemistry – 4 credits
- Basic Nutrition – 2 credits

If an applicant has eight credits of organic chemistry with labs, the Introduction to Biochemistry requirement may be waived at the discretion of the Program Director. Students may be provisionally accepted into the program without the prerequisites, but must complete the necessary courses prior to beginning graduate coursework.

Transfer credit for core prerequisite courses that have been taken more than ten years ago will only be accepted at the discretion of the Program Director. The baccalaureate requirement may be waived for certain licensed health practitioners holding doctoral degrees from accredited professional programs.

Application Deadlines

- November 15 for January admission
- July 15 for September admission



Online Program Instructional Format

Courses are conducted entirely online and can be accessed at any time from anywhere. Courses are designed to be student-centered in terms of scheduling, duration, learning materials, assignments, and interaction between faculty and students and among students. Interaction with professors and other students is done through e-mail and an online discussion board.

Required Courses

Pathophysiologic Basis of Metabolic Diseases	4 credits
Biochemistry of Nutrition	4 credits
Vitamins and Minerals	3 credits
Clinical Biochemistry	3 credits

Assessment of Nutritional Status	3 credits
Developmental Nutrition	3 credits
Nutritional Therapeutics	4 credits
Evidence Based Nutrition	3 credits
Lifelong Healing with Food	4 credits
Functional Medicine	3 credits
Virtual Clinic	4 credits
Botanical Medicine	3 credits

Elective Courses (optional)

Nutrition and Cancer	3 credits
Nutrition and Exercise	3 credits
Nutrition and Autism	3 credits
Thesis Research in Nutrition	3 credits
Total Credits	41 credits

Where UBelong.



The Healing Power of Nature

"I graduated from Cornell University in Applied Economics and Business, but I've always been interested in medicine. While I was working as a business analyst in the food industry, I started researching alternative health care. I chose naturopathic medicine because it gets to the underlying cause of illness and draws on many different treatment options. UB's program gave me the opportunity to work with other health care specialists and to see an incredibly diverse patient mix in my clinical training. I couldn't have chosen a better place to prepare for a career in public health."

— Jacquell Patterson
College of Naturopathic Medicine
Class of 2008

Where UBelong.

Faculty Profile

Jody E. Noé, M.S., N.D., joined the College of Naturopathic Medicine in 2006 as a full time faculty member in both the academic and clinical settings. She studied botany and ethnobotany at the graduate level, with a focus on the ethnobotany of the Cherokee Indians. She currently practices in Rhode Island and has also practiced in Vermont and Washington. Dr. Noé is president emeritus of the Vermont Association of Naturopathic Physicians, and is a board member of the Rhode Island Association of Naturopathic Physicians. While serving as a senior staff physician at the Cancer Treatment Centers of America, she designed the first phase III clinical trial in a random comparison study with a natural substance vs. a prescriptive intervention in stomatitis.

Dr. Noé lectures nationally on herbal medicine and integrative naturopathic cancer treatment. She received the first UB seed grant for her research on the ethnobotanical use of Cherokee herbal medicines to treat cancer. Dr. Noé has written a textbook on the *Fundamentals of Naturopathic Oncology* (publication: Fall 2009). She holds a B.S. and M.S. from Old Dominion University and an N.D. from Bastyr University.



Opening doors. Building futures.

The Healing Power of Nature

College of Naturopathic Medicine Doctor of Naturopathic Medicine (N.D.)

www.ubhealth.org/naturopathic

Founded in 1997, the University of Bridgeport College of Naturopathic Medicine is the only naturopathic program of its kind on the East Coast. Naturopathic physicians follow a wide range of career paths, including both private and multi-disciplinary settings, research, publication, education, and the development of natural medicines. UB's clinical faculty has a range of expertise in naturopathic medicine, including oncology, pediatrics, OB/GYN, botanical medicine, physical medicine, mind-body counseling and homeopathy.

Students in UB's program complete their basic sciences training in the first two years and then begin clinical training under the supervision of naturopathic physicians in the Health Sciences Center. The clinic is a complete outpatient medical center serving a widely diverse patient population.

Facilities include treatment rooms, a hydrotherapy suite, on-site laboratory and a dispensary.

The College provides naturopathic health care at several off-campus teaching clinics. A select group of students is chosen each semester to participate in rotations at St. Vincent's Hospital in Bridgeport, where they are trained alongside conventional medical students. UB also partners with Griffin Hospital in Derby, Connecticut, to provide a unique residency program in Integrative Medicine, enabling medical and naturopathic doctors to collaborate in providing patient-centered holistic care.

Accreditation and Membership

The College is accredited by the Connecticut Department of Higher Education and the Council on Naturopathic Medical Education which is recognized by the U.S. Department of Education. The College is a member of the Association of Accredited Schools of Naturopathic Medicine, which promotes the collaboration of various naturopathic programs in the advancement of naturopathic medical education.



What Will UBecome?



Joint N.D./M.S. Acupuncture

Students who have completed the second semester of naturopathic medical studies in good academic standing and with no outstanding grades of D or F may be considered for admission to the Master's Program in Acupuncture with advanced standing. Generally, naturopathic students receive 47 credits from their course of studies and must complete another 67 credits through the Acupuncture Institute. Tuition is incurred from both the College of Naturopathic Medicine and the Acupuncture Institute. The joint program requires approximately one additional year of study.



with a cumulative GPA of 3.0 and with no outstanding grades of D or F may be considered for admission into the Master's Program in Human Nutrition with advanced standing. Students will enter the third semester of the Nutrition Program (additional tuition is required). The courses required for the M.S. in Nutrition can generally be completed within the four years of the Naturopathic program.

Joint N.D./M.S. Nutrition

Students who have completed the fifth semester of naturopathic medical studies in good academic standing,



Admission Requirements

All candidates for admission to the N.D. program must furnish proof of having earned a baccalaureate degree from an accredited, degree-granting institution. Applicants are expected to have a GPA of 3.0 or greater. This applies to both the overall coursework and the science-based prerequisites. Applicants with a GPA below 3.0 may be considered for admission on an individual basis with special attention given to recent performance in science-based prerequisite courses. A personal interview is required.



All candidates must have completed the following courses:

Course	Semester Hours
Communication/Language Skills	6
Psychology	3
Social Science	3
Humanities	3
Electives (Social Science/Humanities)	9
General Biology or Zoology or Anatomy and Physiology (with lab)	6
General Chemistry (with lab)	6
Organic Chemistry (with lab)	6
General Physics (with lab)	3

All science courses must be suitable for students majoring in sciences and must consist of a first and second semester, with a passing grade of C (2.0 on 4.0 scale) or better and have been taken within the past seven years.

In addition to these minimum entrance requirements, the College strongly recommends coursework in microbiology, biochemistry, botany, genetics, anatomy, physiology, statistics, developmental psychology, and medical terminology.

Where UBelong.



New England's Only Chiropractic College

"I used to be a detective in the San Diego Police Department. When I decided to change careers, I followed my longtime interest in health and fitness and decided to become a chiropractic physician. The common-sense approach and focus on treating patients as noninvasively as possible really appealed to me. I chose UB's program because it's one of the few chiropractic schools affiliated with a university. We're exposed to some of the leading researchers in the field. And we get the chance to work as part of a multi-disciplinary health care team. At 45, I'm thrilled to be starting a whole new chapter in my life."

— Ray Watson
College of Chiropractic
Class of 2010

Where UBelong.

Faculty Profile

Christopher Good is a Professor of Clinical Sciences in the College of Chiropractic. He studied biology at Ursinus College, near Philadelphia, then began chiropractic studies at Texas Chiropractic College. He earned the Doctor of Chiropractic degree, graduating summa cum laude in 1982 from Palmer College of Chiropractic. Good served in private practice in New Jersey before accepting a faculty appointment at the Anglo-European Chiropractic College. During this time, he earned a Master's in Education from the University of Southampton (England). He later moved to New York Chiropractic College, where he served as full professor. He joined the UB faculty in 2006. Good's research focuses on the teaching and learning application of chiropractic techniques of manipulation. He also has published in the areas of spinal biomechanics and treatment of degenerative conditions. Good's philosophy of teaching chiropractic focuses on the role of chiropractors as physical medicine doctors. Building on the neuro-muscular-spinal focus, says Good, chiropractors serve as resources for health, nutrition, and dietary wellness issues.



New England's Only Chiropractic College

College of Chiropractic Doctor of Chiropractic (D.C.)

www.ubhealth.org/chiropractic

Founded in 1990, UB's College of Chiropractic is the first university-based chiropractic program in North America. A Doctor of Chiropractic is a primary-care physician who gives particular attention to the relationship of structural and neurological aspects of the body. Chiropractic science concerns itself with the relationship between structure (primarily the spine), and function (primarily coordinated by the nervous system) of the human body.

The program offers an accredited, full-time, four-year course of study that includes a clinical internship leading to the Doctor of Chiropractic (D.C.) degree. UB is known for its top-notch faculty, quality research programs, laboratories, and small class sizes, creating a rich, personalized learning experience. Clinical rotations enable students to develop confidence and hone the skills needed for a successful practice. The College provides chiropractic care at several off-campus teaching clinics. A select group of students is chosen each semester to participate in rotations at

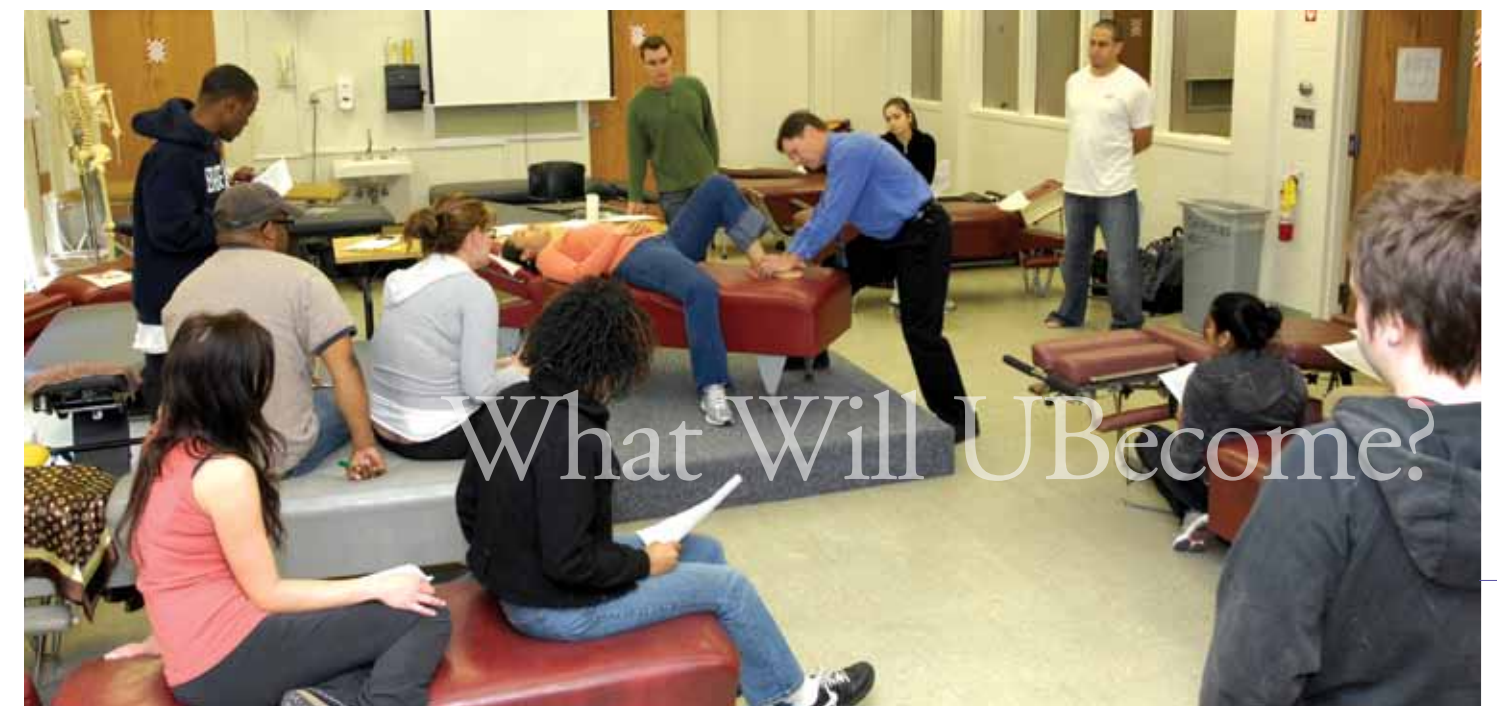
St. Vincent's Medical Center in Bridgeport, where they are trained alongside conventional medical students. Students are also able to participate on rotations at the Veterans Administration Medical Center in West Haven, Connecticut where they assist in treating veterans.

Members of our teaching staff are highly qualified in the basic and clinical sciences and in the philosophy and art of chiropractic. Furthermore, a student/faculty ratio of only eight to one allows the faculty to provide a stimulating, personalized academic program and inspires students to reach their full ability.

The College offers state-of-the-art facilities for the study of basic science subjects and chiropractic technique procedures. The anatomy, neuroanatomy, pathology, X-ray reading laboratories, radiology library and spacious clinics are all recently renovated. A new learning laboratory offers technologically advanced, computer-aided instruction in many areas, including anatomy and biomechanics, histology, physiology, and radiology.

Accreditation and Licensure

UB's Doctor of Chiropractic program is accredited by the Council on Chiropractic Education (CCE) and holds membership in the Association of Chiropractic Colleges.



What Will UBecome?



Graduates of UB's program are eligible for licensure in all 50 states, the District of Columbia, Puerto Rico, Canada and other countries according to local laws and regulations. Candidates should contact the National Board of Chiropractic Examiners or the Federation of Chiropractic Licensing Boards (FCLB) for licensure information in the state in which they wish to practice.



Curriculum

Chiropractic Program

The Doctor of Chiropractic degree is a four-year program that consists of eight semesters of full-time study for two semesters per year: mid-August through December and January through May. The program prepares candidates to become primary care providers for patients of all ages; assessment of the patient's general health status, complaints, and problems leading to a diagnosis; development of goal-oriented case management plans, coordination of care with other health care providers; and promotion of wellness by assessing health risk and providing information and lifestyle counseling.

UB's College of Chiropractic curriculum is divided into three phases:

Basic Sciences: Study of Anatomy, Physiology, Biochemistry, Microbiology, Public Health, and Pathology provide an understanding of both normal and abnormal structure and function, homeostatic mechanisms, and a foundation for study of the clinical sciences.

Clinical Sciences: Courses 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, including practical hands-on training.

Clinical Services: As interns at the College's Chiropractic Health Center, students will 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 and must have successfully completed all courses in semesters one to six in addition to the clinic services entrance examination. Toward the completion of the Clinical Services program, students must successfully complete the clinical competency examination as a prerequisite for graduation.



Admission Requirements

Candidates must furnish proof of completing a minimum of 90 semester hour credits applicable toward a baccalaureate degree at an institution or institutions accredited by a nationally recognized agency. A baccalaureate degree is not required, but highly recommended. The 90-hour minimum must include at least 30 hours of upper division credit. This must include a minimum of 48 semester hour credits as follows:

- English Composition and Communication – 6 semester hours
- Psychology – 3 semester hours
- Social Science/Humanities Electives – 15 semester hours
- Biological Sciences with labs – 6 semester hours
- Chemistry – 12 semester hours
- Physics and related studies – 6 semester hours

All matriculants must have earned a cumulative GPA of at least a 2.5 on a 4.0 scale for the required 90 semester hours. Science prerequisite courses must be suitable for students majoring in sciences. Prerequisite courses must be passed with a grade of at least a 2.0 on a 4.0 scale.

Students who hold a degree leading to licensure/registration in a health science discipline at the baccalaureate level or above with an earned cumulative grade point average of at least a 2.5 on a scale of 4.0, or who hold a baccalaureate degree from an institution accredited by a nationally recognized accrediting agency with an earned grade point average of at least a 3.25 on a scale of 4.0, may be admitted upon presenting evidence that their academic preparation substantially meets the requirements for admission.

Where UBelong.



Where East Meets West

“I was drawn to acupuncture because it gets to the root of patients’ problems, and it can be applied to many different ailments – from mild stress to severe physical pain. I enrolled in UB’s program mainly because it was close to home. But once I got here, I really appreciated what the Institute had to offer: a curriculum that combines solid scientific principles with clinical techniques, a faculty that is both knowledgeable and very accessible, and the opportunity to see a widely divergent group of patients.”

— Pat Ting
Acupuncture Institute
Class of 2009

Where UBelong.

Faculty Profile

Clinical Assistant Professor Alexander Kuzminov graduated from the University of New Hampshire in 1985 with a degree in Electrical Engineering. After working as an engineer for the military, he changed his career to Oriental Medicine. In 1998 he graduated Summa Cum Laude from Pacific College of Oriental Medicine with a Masters’ degree in Traditional Oriental Medicine. He is also certified by the National Certification Commission of Acupuncture and Oriental Medicine as a Diplomate in Oriental Medicine. Kuzminov started his private practice in New York in 1999 specializing in treating patients with MS, Parkinson’s disease and asthma. He also worked in a group practice with two medical doctors treating problems related to gastrointestinal problems (IBS, ulcerative colitis, colitis, and gastritis), Candida and yeast issues. For several years, Kuzminov supervised students as a clinical supervisor at Pacific Collage of Oriental Medicine. He joined UB in 2007 as a clinical assistant professor, teaching students how to diagnose patients by using methods of Chinese Medicine and treat patients using acupuncture and other modalities like cupping and gua sha. He is teaching Acupuncture Point Location, Chinese History and Philosophy, and Auricular and Scalp acupuncture classes.



Opening doors. Building futures.

Where East Meets West

Acupuncture Institute

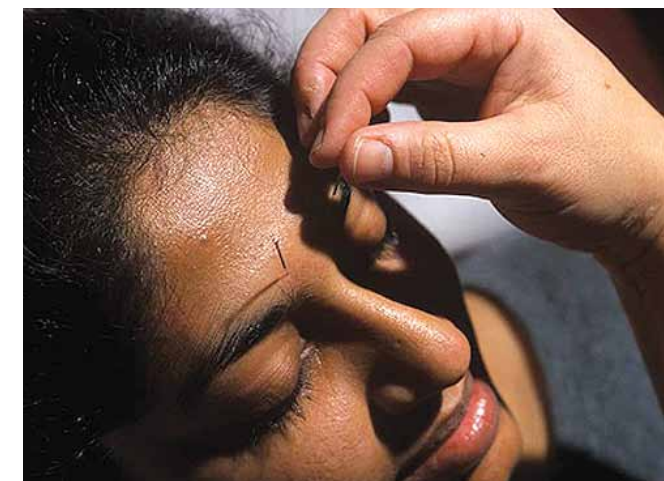
M.S. in Acupuncture

www.ubhealth.org/acupuncture

Acupuncture is one of the fastest-growing fields of alternative health care as the complementary benefits of Eastern and Western medical techniques gain increasing acceptance. UB’s program blends coursework in classical acupuncture and Eastern medical theory with Western biomedical sciences, and offers a rare opportunity to work as part of an integrated health care team. Full-time classes are limited to a maximum of 35 students.

Traditional Chinese Medicine (TCM) is one of the most respected healing professions around the globe. It serves a quarter of the world’s population and witnessed increasing public acceptance in the United States and Europe. Oriental medicine has gained this respect by being the most ancient written form of medical therapy known.

Traditional Chinese medicine, which encompasses acupuncture, herbal therapy, manual therapy, diet counseling, exercise, and breathing techniques, has been in use for thousands of years. At the core of the TCM



understanding of health is the concept that mind and human spirit are connected, and that restoring and maintaining balance are essential to well-being. Over the millennia, the Asian community has continuously refined this ancient healing art. During the last century, this refinement has included integration of Western medical sciences within the paradigm of traditional Asian medicine.

The Acupuncture Institute’s M.S. in Acupuncture degree program is designed to integrate the paradigm of Asian medicine, including the many forms of TCM differential diagnosis, problem solving, and treatment techniques, with a broad understanding of Western clinical medicine.



What Will U Become?



Most acupuncturists become independent practitioners, setting their own hours in their private clinics. With the start of the new century, the respect for acupuncture in the medical community has grown. Recently, integrative medicine, defined as a health care system that is multidisciplinary and enhances competence, mutual respect, and collaboration across all health care disciplines, has embraced acupuncture. Acupuncturists now practice in hospitals and multidisciplinary health care settings. Clinical trials have demonstrated that acupuncture is effective for many types of chronic pain and illnesses, both alone and in collaboration with other members of the health care community.

Accreditation

The Master of Science in Acupuncture program is accredited by the Accreditation Commission for Acupuncture and Oriental Medicine (ACAOM), the recognized accrediting agency in this field. The program also is accredited by the State of Connecticut Department of Higher Education. Graduates are eligible for licensure in the majority of the 42 states that grant independent licensure in Acupuncture if they meet all other state-specific licensure criteria.

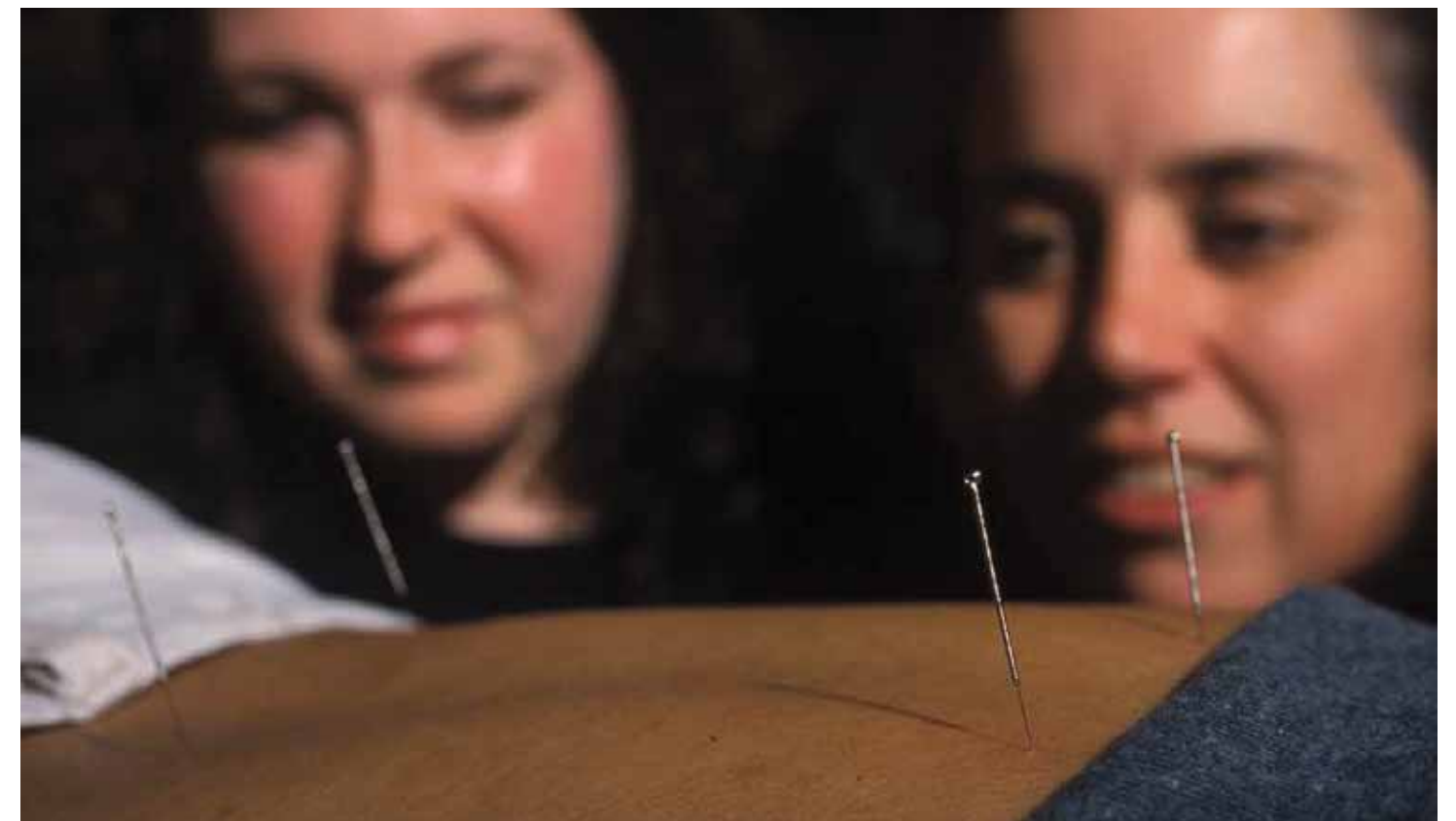
Curriculum

The Acupuncture curriculum consists of an intensive 36-month program of lecture and clinical courses that cover seven areas: Acupuncture Practice and Techniques; Oriental Theory, Diagnosis and Application; Western Biomedicine; Herbal Medicine Survey; Movement and Respiration Studies; Counseling, Communications, and Practice Management; and Clinical Services.

Students learn the fundamental energetic principles, physiologic concepts, theoretical foundations, and diagnostic and therapeutic procedures of Traditional Chinese Medicine (TCM). Treatment modalities include acupuncture, manual therapy (Tui Na), herbal medicine, diet counseling, nutrition, and exercise and breathing therapy (Tai Qi Juan and Qi Gong). The clinical sciences incorporate Western anatomy, physiology and pathology and Western diagnostic interpretation.

The first year focuses on the philosophical background and biomedical knowledge that serve as preparation for the clinical experience. The second year deepens the practitioner's knowledge of Eastern and Western diagnostic skills and therapeutic modalities. During the third year, the curriculum is centered on hands-on learning in the student clinic. UB Acupuncture students also experience hospital-based integrated care of patients at Sound Shore Medical Center in New Rochelle, New York and Harford Hospital in Hartford, Connecticut.

Opening doors. Building futures.



Admission Requirements

Admission to the Acupuncture program requires a baccalaureate degree or its equivalent (i.e., 120 completed semester credits). The following undergraduate courses must be included:

- English – 6 semester hours
- Psychology – 3 semester hours
- Social Science – 3 semester hours
- Biology – 6 semester hours
- Chemistry – 6 semester hours

Biology and Chemistry courses must include a laboratory, must be courses offered for Science majors and the applicant must have earned a grade of C or better. A minimum GPA of 2.5 is required in the science prerequisites. Classes begin in the fall semester, but advanced standing students may be admitted in the spring semester.



Where UBelong.



A State-of-the-Art Learning Environment

“After eight years in the business world, I realized I wanted a change. One day I spotted a newspaper ad for the Fones School of Dental Hygiene that really captured my interest. I enrolled in the Bachelor of Science program and graduated in 2004. Today I’m a dental hygienist in a public health facility, an adjunct professor, and a master’s degree candidate at the Fones School. UB is a special place with a dedicated faculty, whose love for their work is truly contagious. Being in this program is like being part of a family.”

— **Mary Ann Llinas**
B.S. Dental Hygiene
 Class of 2004

Where UBelong.

Faculty Profile

Wendy Garcia is an Assistant Professor and Coordinator of the Online Bachelor of Science Degree Completion program for the Fones School of Dental Hygiene. She earned her A.S. in Dental Hygiene from the Fones School, B.S. in Dental Hygiene from the University of New Haven, and her M.S. in Education from the College of Education and Human Resources at the University of Bridgeport. She is currently completing her third year of doctoral studies in the Educational Leadership program at UB.

She has been in private practice since 1975 and accepted a faculty appointment at the Fones School in 2002 teaching in Radiology Lab and Second Year Clinic. During her tenure she has served as a clinical instructor in First Year Clinic, Coordinator of Community Rotation and taught Oral Anatomy and Embryology, Pharmacology, Public Health, Local Anesthesia, Internship, and Contemporary Dental Hygiene Practice in the A.S. and B.S. programs, and Dental Hygiene Leadership and Evidenced-based Research in the M.S.D.H. program. Currently, she is serving as the principal investigator in collaborative research on Temporomandibular Joint Dysfunction with the College of Chiropractic. She is a past president of the Connecticut Dental Hygienists’ Association.



Opening doors. Building futures.

A State-of-the-Art Learning Environment

Fones School of Dental Hygiene
M.S. in Dental Hygiene
OFFERED ON CAMPUS AND ONLINE

www.ubhealth.org/dental

Founded in 1949, and accredited since 1953, the Fones School of Dental Hygiene was the first school of dental hygiene in the world. The school is named for Dr. Alfred Civilion Fones, a pioneer in the world dental hygiene movement.

The Master of Science Degree in Dental Hygiene (MSDH) at the University of Bridgeport - Fones School of Dental Hygiene is a strong, quality-based graduate program that prepares dental hygienists for leadership roles in education, administration, public health, and dental hygiene practice. The curriculum is offered to students as an online program or as a campus program. The MSDH is designed for students to gain theory and practical experience through an interdisciplinary approach with the University’s Schools of Education, Business, Naturopathic Medicine, and Nutrition.

Whether students attend full or part time, emphasis is placed on students gaining experience and confidence to assume positions designated for graduate degree employment. Faculty are carefully selected based on their expertise in each facet of the curriculum.

Fones faculty are affiliated with international, national, state, and local professional organizations. They are active in lecturing to dental hygienists and other health professionals at conferences and in continuing education courses. Faculty members participate in research, grant writing, and student organizations.

Accreditation and Licensure

Degree programs in the Fones School of Dental Hygiene are licensed and accredited by the State of Connecticut Department of Higher Education, the New England Association of Schools and Colleges, and the Commission on Dental Accreditation of the American Dental Association. The Commission is a specialized accrediting body recognized by the United States Department of Education and the Council on Post-Secondary Accreditation.



What Will U Become?



Curriculum

The curriculum consists of four distinct concentrations:

Dental Hygiene Education (online and on campus): This concentration provides a theoretical and practical approach to educational methodologies and their application to dental hygiene academia. Emphasis is on curricular assessment, development, implementation and evaluation. Students will gain experience and understand the role and responsibilities of faculty in didactic, clinical, and laboratory course development through the utilization of instructional technology and applicable learning domains.

Dental Hygiene Administration/Management (on campus only): This concentration is designed to prepare dental hygienists for administrative/management positions in a variety of settings pertinent to oral health delivery and education. Emphasis is placed on the successful application of administrative concepts in organizations responsible for program development, marketing, budgeting, managing personnel, problem solving, and enhancing change.

Dental Public Health (online and on campus): This concentration provides an in-depth focus on the overall health and oral health needs of diverse populations and ways to improve direct access of care. Emphasis is placed on the leadership roles of the dental hygienist responsible for administering and implementing dental public health programs. Students will gain experience and knowledge in program development, grant writing, research, and methodologies effective in improving oral health.

Dental Hygiene Practice (on campus only): This concentration expands upon the basic knowledge and skills practiced in the traditional dental hygiene process of care. The theories of evidence based learning and practical integration of age-old traditions of healing with clinical treatment are explored. Emphasis is placed on direct access of care in advanced dental hygiene practice consisting of scientific preventive therapies, diagnosis, nutrition, homeopathy, and botanical medicine.

Program Requirements

Each of the four concentrations of the program requires the completion of a Master's Thesis. Students can complete the program either part-time or full-time, completing 36 credits within one to two calendar years for a full-time matriculated student or up to five years as a part-time matriculated student.



Admission Requirements

To qualify for admission, the applicant must:

- Have graduated from an accredited dental hygiene program and hold a baccalaureate degree in dental hygiene or related field.
- Have an overall GPA of at least 3.0 on a 4 point scale in undergraduate education.
- Submit a statement of career goals.
- Send a photocopy of a license to provide evidence of current dental hygiene licensure in good standing.
- Submit two recommendation forms completed by an individual who has knowledge of the applicant's clinical ability as a dental hygienist (such as an employer, dental hygiene co-worker, or previous clinical supervisor) and an individual who has knowledge of the applicant's academic ability (such as a previous dental hygiene program director, faculty member or clinical supervisor).
- Submit an official transcript of all college work.

Where UBelong.

The Health Sciences Center

Teaching Clinics *A bridge from classroom to career*

The teaching clinics in UB's Health Sciences Center provide an unmatched opportunity to interact with a diverse group of patients and sharpen the skills needed for a successful practice. Clinical experiences augment the classroom learning and allow students to collaborate with current and future health care providers under the supervision of licensed professionals. Acupuncture, Chiropractic, and Naturopathic students will also benefit from the opportunity to provide patient-centered care in an environment that draws from a combination of conventional, alternative, and complementary therapies.



Fones School of Dental Hygiene Clinic

The Fones School of Dental Hygiene Clinic offers preventative care to area residents in its on-campus facility. Under the supervision of licensed dental hygienists and dentists a wide range of services is provided including oral examinations, preventative treatments, personalized home care instruction, blood pressure screenings, dental X-rays, teeth cleanings, sealants, fluoride treatments, whitening agents, and referrals.

Naturopathic Clinic

In the final two years of training as a Naturopathic student at UB, students will work side-by-side with a team of clinicians under the supervision of a licensed naturopathic physician to perform the history and physical exam, and to make recommendations based on patient needs. Students will participate in services that include natural care for acute and chronic conditions, adult and child wellness exams, standard and functional lab testing, and radiology (X-ray).

In addition to working at the on-campus Naturopathic Clinic, there are opportunities to participate in rotations at the Integrated Medicine Center at Griffin Hospital in Derby, Connecticut. This experience bridges the gap between conventional and alternative medicine. Students will be part of a five-person team, including MD's, a nurse practitioner, and two naturopathic physicians with expertise in a wide range of natural, complementary, and alternative therapies. Students also may participate in rotations at St. Vincent's Medical Center in Bridgeport, Connecticut, a 473-bed community teaching and referral hospital that provides a full range of inpatient and outpatient services.



Chiropractic Clinic

UB's Chiropractic teaching clinic offers modern chiropractic care to the surrounding community. Fourth-year chiropractic interns work under the supervision of a licensed chiropractic physician faculty member to offer state-of-the-art treatment for many neuromusculoskeletal conditions and injuries.

Additional clinical opportunities include the Veterans Administration Medical Center in West Haven, Connecticut, under the supervision of Dr. Anthony Lisi, Associate Professor of Clinical Services at UB and Chief of Chiropractic Care for the Connecticut Department of Veterans Affairs. As part of this program, students will participate in treating veterans with a variety of conditions.

At St. Vincent's Medical Center in Bridgeport, Connecticut, chiropractic interns from UB can join physicians, residents, and medical students on observation rotations and case presentations during daily grand rounds. Interns gain valuable experience in an acute-care environment that combines aspects of standard and alternative care.

Acupuncture Clinic

The Acupuncture Clinic at the University of Bridgeport allows its degree candidates to hone their skills in the diagnosis and treatment of a wide range of health conditions using a Traditional Chinese Medicine (TCM) approach. Under the supervision of a highly experienced licensed acupuncturist in UB's state-of-the-art clinical training facility, students will help provide professional and affordable treatment to patients from the local community.

Where UBelong.

Opening doors. Building futures.

University of Bridgeport Division of Health Sciences Joint Degree Programs

Joint ND/MS Acupuncture

Students who have completed the second semester of naturopathic medical studies in good academic standing and with no outstanding grades of D or F may be considered for recommendation by the Dean of the College of Naturopathic Medicine for entry into the Master's Program in Acupuncture with advanced standing. Generally naturopathic students receive 47 credits from their course of studies and must complete another 67 specifically in Acupuncture – additional cost and about one year extra is to be expected.

Joint DC/MS Acupuncture

Students who have completed the fifth semester of chiropractic studies in good academic standing will be recommended by the Dean of Chiropractic for entry in to the Master's program of Acupuncture with advanced standing.

Joint DC/MS Nutrition

The Program

The Joint program allows chiropractic students to pursue the M.S. in Human Nutrition while they are working on the D.C. degree.

Eligibility

Student must be in good academic standing and have a GPA of 3.0 or greater
Completion of chiropractic studies 5th semester

Entry Requirements

Completed Application (fee waived)
Entry Point: February and June (Second Semester of Nutrition Program)

Transfer Credits Awarded

Pathophysiologic Basis of Metabolic Diseases – 4 credits
Biochemistry of Nutrition – 4 credits
Vitamins and Minerals – 3 credits
Clinical Biochemistry – 3 credits
Evidence Based Nutrition – 3 credits
Note: Transfer credit requires a B or better in corresponding UBCC coursework

Total credits waived: 17

Courses Required

Lifelong Healing with Food – 4 credits
Functional Medicine and Nutrition – 3 credits
Virtual Clinic (online) – 4 credits
Assessments of Nutritional Status – 3 credits
Developmental Nutrition – 3 credits
Nutritional Therapeutics – 4 credits

Elective Requirement

One elective must be taken

Electives Available

Nutrition and Exercise – 3 credits
Botanical Medicine – 3 credits
Nutrition and Autism – 3 credits
Nutrition and Cancer – 3 credits
Research in Nutrition – 3 credits

Total credits required: 24

Joint ND/MS Nutrition

The Program

The Joint Program allows naturopathic medicine students to pursue the M.S. in Human Nutrition while they are working on the N.D. degree.

Eligibility

Student must be in good academic standing and have a GPA of 3.0 or greater
Completion of Naturopathic Medicine studies 5th semester

Entry Requirements

Completed Application (fee waived)
Entry Point: July and November (Third Semester of the Nutrition Program)

Transfer of Credit/Courses Waived

Pathophysiologic Basis of Metabolic Diseases – 4 credits
Biochemistry of Nutrition – 4 credits
Vitamins and Minerals – 3 credits
Clinical Biochemistry – 3 credits
Assessment of Nutrition – 3 credits
Evidence Based Nutrition – 3 credits
Lifelong Healing with Food – 4 credits
Virtual Clinic – 4 credits
Botanical Medicine – 3 credits
Note: Transfer credit requires a B or better in corresponding UBCNM coursework

Total credits waived: 31

Required Nutrition Credits

Developmental Nutrition – 3 credits
Nutritional Therapeutics – 4 credits
Functional Medicine Nutrition – 3 credits

Electives (Choose Two)

Research in Nutrition – 3 credits
Nutrition and Exercise – 3 credits
Nutrition and Autism – 3 credits
Nutrition and Cancer – 3 credits

Total credits required: 16

What Will U Become?

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