

ACADEMIC DEPARTMENTS

▪ ACCOUNTING AND FINANCE

Faculty

Chairperson: Professor Kathleen Sevigny
Graduate Program Coordinator: Professor Patricia Bancroft
Professors: Carleton Donchess, Shannon Donovan, Harold Silverman
Associate Professors: Mark Crowley
Assistant Professors: Boubker Drissi, Caitlin Golden, MaryBeth Tobin
Department Telephone Number: 508.531.1395
Location: Harrington Hall, Room 103
Website: www.bridgew.edu/af

Degree Programs

- BS in Accounting and Finance
Concentrations: Accounting, Finance
- Master of Science in Accountancy
- Master of Business Administration
Concentration: Accounting

Undergraduate Minors

- Accounting and Finance
- Actuarial Science*

* Interdisciplinary minor

Click on Academic Programs for program information and requirements.

Departmental Honors Program in Accounting and Finance

The Department of Accounting and Finance offers a departmental honors program in accounting and finance. This program provides an opportunity for well-qualified accounting and finance majors to conduct independent research and scholarly study in accounting and finance. Contact the Department of Accounting and Finance for further information concerning eligibility and application.

Internship in Accounting and Finance

Students interested in earning internship credit should contact the Department of Accounting and Finance.

Master of Science in Accountancy

The Department of Accounting and Finance offers the Master of Science in Accountancy (MSA) degree, which has been approved by the Massachusetts State Board of Accountancy as "Option-One" compliant for students wishing to sit for the CPA exam. The MSA program prepares individuals for management level careers in accounting. This highly focused program prepares graduates with technical accounting skills and managerial problem solving abilities. The MSA satisfies the Massachusetts 150-hour CPA exam education requirement.

The MSA is targeted at working professionals. The program is designed so that applicants who have earned undergraduate degrees in non-business disciplines may earn the MSA by completing a series of mandatory prerequisites covering topics in accounting, finance and business. In addition to imparting technical accounting skills, the MSA program also stresses ethics, writing across the curriculum and problem solving skills, reflecting the changing roles of accountants and CPAs within organizations. Rather than offering discrete courses in these areas, they are effectively integrated throughout the curriculum.

▪ ANTHROPOLOGY

Faculty

Chairperson: Professor Sandra Faiman-Silva
Professors: Diana Fox, Curtiss Hoffman
Associate Professors: Louise Badiane, Ellen Ingmanson
Department Telephone Number: 508.531.1799
Location: Burrill Office Complex
Website: www.bridgew.edu/anthro

Degree Programs

- BA in Anthropology
Concentrations: Cultural Anthropology, General Anthropology

- BS in Anthropology
Concentration: Public Archaeology

Undergraduate Minors

- Anthropology

Click on Academic Programs for program information and requirements.

The department provides a strong liberal arts curriculum aimed at developing well-rounded, informed citizens with strong critical thinking abilities, intensive cross-cultural insights, and global cultural knowledge. Department courses and programs also impart cross-cultural knowledge and skills to students, preparing them for a wide range of professions. The department encourages students to continue on to graduate study in anthropology or other fields.

All department faculty members engage in research and the department encourages student-faculty collaborative research. Students may also pursue study tours, honors projects and internships. The public archaeology and general anthropology concentration require that students participate in fieldwork or laboratory work, and the department offers a summer archaeological field school.

Bachelor of Arts/Bachelor of Science

Anthropology, the scientific study of humankind, allows students to build cross-cultural understandings through an intensive study of other cultures. Anthropology is traditionally divided into several subfields: cultural anthropology, archaeology, physical (or biological) anthropology, applied anthropology and linguistics. A major in anthropology provides students with an understanding of societies and cultures throughout the world. Students majoring in anthropology are prepared to understand and work with individuals from other cultural settings; in health care, social services and public welfare agencies; or as teachers, museum curators, environmentalists, or in private industry. Students may select a BA in cultural anthropology or general anthropology, or a BS in public archaeology. Students may also combine a major in anthropology with an education major.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in anthropology and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Honors Program

The honors program in anthropology provides highly motivated anthropology majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in anthropology. Contact the Department of Anthropology for further information concerning eligibility and application.

▪ ART

Faculty

Chairperson: Professor Rob Lorensen

Graduate Program Coordinator: Professor Dorothy Pulsifer

Professors: Collin Asmus, Mercedes Nunez, Beatrice St. Laurent

Associate Professors: Leigh Craven, Mary Dondero, Ivana George, John Hooker, Magaly Ponce, Robert Saunders III, Donald Tarallo

Assistant Professors: Sean McPherson, Jonathan Shirland

Department Telephone Number: 508.531.1359

Location: Art Building, Room 100

Website: www.bridgew.edu/art

Degree Programs

- BA in Art
Concentrations: Art Education, Art History, Crafts, Fine Arts, Graphic Design, New Media, Photography
- MAT - Creative Arts

Undergraduate Minors

- Art History
- Graphic Design
- Studio Art

Click on Academic Programs for program information and requirements.

Bachelor of Arts

- The Department of Art offers seven concentrations:
- Art Education
- Art History
- Crafts
- Fine Arts

- Graphic Design
- New Media
- Photography

The undergraduate program offers a broad-based training in the visual arts. In addition to course work, internships give firsthand experience in such areas as graphic design, museology, exhibition planning and community art programs. Students planning to pursue graduate study at some point in their careers should work closely with their advisers to select appropriate course work beyond the requirements of the major, thus earning themselves a competitive edge in the application process at the graduate level.

Students interested in teaching art must select a minor in secondary education. However, state-mandated requirements for teacher training are subject to change, so it is necessary to consult with Professor Dorothy Pulsifer regarding up-to-date requirements. Prospective teachers of art are encouraged to join the student chapter of the National Art Education Association.

Art majors not interested in an education minor are encouraged to select a minor complementing their interests within the major. Students who are not art majors, wishing to minor in art, art history or graphic design, will find a diversity of course offerings suitable to their interests and skills. To ensure an appropriate selection of art courses in the major or minor, it is important that each student work closely with his or her art adviser or the department chairperson in program selection.

A student majoring in art must achieve a grade of "C-" or better in all of the required courses within the art program, repeating courses if necessary to achieve the required grade.

Students should be aware that typically there are additional hours outside of class to complete course requirements and expenses for materials and tools in studio courses beyond the required fees. Field trips to museums, studios and commercial galleries in the region, in New York City and at other sites are regularly a part of many art history and studio art courses and include additional costs.

A gallery calendar of changing exhibitions is maintained throughout the academic year in the Wallace L. Anderson Gallery within the art building. One of these exhibitions is the student show, and art majors and minors are encouraged to set aside their best work to submit to this annual showing. In an adjacent gallery is a continuing exhibition of works from the permanent art collection. These gallery facilities offer a range of work that enhances classroom instruction. In addition, visiting artists and related art programs are made possible each year by a generous gift from the Class of 1936.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in art and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Honors Program

The honors program in art provides highly motivated art majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in art. Contact the Department of Art for further information concerning eligibility and application.

▪ AVIATION SCIENCE

Faculty

Chairperson: Associate Professor Michael Farley
Assistant Professors: Richard Abers, Veronica Coté, Michael Sloan
Department Telephone Number: 508.531.1779
Location: Harrington Hall, Room 111
Website: www.bridgew.edu/aviation

Degree Program

- BS in Aviation Science
 Concentrations: Aviation Management, Flight Training

Undergraduate Minor

- Aviation Science

Click on Academic Programs for program information and requirements.

Bachelor of Science in Aviation Science

The Department of Aviation Science offers a BS degree in aviation science with concentrations in flight training and aviation management. Graduates are prepared for entry into the aviation industry in productive, professional employment, or alternatively, for graduate study. Federal Aviation Administration Certification of Bridgewater State University, as a Federal Aviation Regulation (FAR) Part 141 ground school, allows students to complete all required ground school courses at the university as part of the aviation science curriculum. Bridgewater State University is also designated as an official testing center for all Federal Aviation Administration knowledge tests. The Bridgewater State University aviation science program incorporates single-engine and multi-engine flight simulator training into its flight training courses. For complete information on these programs, consult with the chairperson of the Department of Aviation Science.

Airport Management Concentration

This program is inactive.

Flight Training and Ground School

Students enrolled in the aviation science program must take all flight and flight-related courses through Bridgewater State University. Ground school courses are conducted by the university under Federal Aviation Regulation Part 141, as is the flight simulator training, which is required as a part of commercial and instrument flight training courses.

Physical Examinations

Students seeking admission to the flight training concentration must pass a Class II or better FAA physical examination; a Class III FAA physical is required for the aviation management concentration or any other program involving flight courses. A copy of the certification for the appropriate flight physical must be on file with the aviation coordinator BEFORE FLIGHT TRAINING BEGINS.

Academic Credit for Flight Training

The following procedures for granting academic credit for flight and flight-related ground school training for both incoming freshman students and transfer students are in accordance with pertinent university policies. These policies are designed to ensure academic quality and to maximize safety for the participants in the aviation science program. All students requesting academic credit from Bridgewater State University for flight and flight-related ground school training are subject to these provisions. Credit for all other course work will be considered as specified in the university catalog under the sections concerning Transfer Admission and Transfer of Credit After Admission.

Entering Freshmen and Transfer Students

Freshmen or transfer students entering Bridgewater State University may request up to eighteen credits for previous work in flight and flight-related ground school training under the following provisions:

- To obtain credit for flight training, the student must: a) provide valid documentation* of the flight training concerned; b) hold a current, appropriate flight physical certificate; and c) pass a flight proficiency test conducted by an aviation-science-approved flight instructor. (Additional flight training may be required if a student has difficulty passing the flight proficiency test.) All costs for the flight proficiency test (and any additional flight training) will be borne by the applicant.
- Credit for training in FAA-certified ground schools may be obtained by providing valid documentation* of the training concerned.

* Valid documentation includes pertinent log books and other certificates, licenses and verification of the training from the school(s) concerned. This verification must be in the form of a statement that identifies the school, describes the curriculum under which the training was taken and specifies the number of class hours involved. The statement must be signed by the chief flight instructor of the school. Up to full credit may be granted for courses from flight schools operating under Federal Aviation Regulation (FAR) Part 141 and up to half credit for training from schools operating under FAR Part 61.

Credit authorized by the above procedure for flight and flight-related ground school courses may be applied as follows:

Students entering the flight training concentration may apply up to 17 credits toward the academic major and students entering the aviation management concentration may apply up to 13 credits toward the academic major; any additional authorized flight training credit will be designated as free electives. *At least 50 percent of the credits in any major field (major department) must be earned at Bridgewater State University.*

Students entering the aviation science minor may apply nine credits toward the minor; any balance may be credited toward free electives. Authorized flight training credits specified above for the major, minor, and free electives may be applied toward the university graduation requirement of 120 credits (minimum).

All students entering the aviation science program must complete any required background security checks with the Transportation Security Administration and/or the Federal Aviation Administration.

Note: For additional detailed information on the aviation science program, call 508.531.1779 or write Chairperson, Department of Aviation Science, Bridgewater State University, Bridgewater, Massachusetts 02325.

Upon acceptance into the aviation science program, students must obtain a copy of the "Department of Aviation Science Policies and Procedures Manual," available on the University website at www.bridgew.edu/aviation/Aviation%20Forms%20link.cfm. All students **must** comply with the policies and procedures as set forth in said manual.

Honors Program

The honors program in aviation science provides highly motivated aviation science majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in aviation science. Contact the Department of Aviation Science for further information concerning eligibility and application.

▪ BIOLOGICAL SCIENCES

Faculty

Chairperson: Professor Michael Carson

Graduate Program Coordinator: Professor John Jahoda

Professors: Jeffery Bowen, Kevin Curry, Merideth Krevosky, Donald Padgett

Associate Professor: Christopher Bloch

Assistant Professors: Kenneth Adams, Heather Marella, Boriana Marintcheva, Jennifer Mendell, Jonathan Roling, Joseph Seggio

Department Telephone Number: 508.531.1358

Location: Science and Mathematics Center, Room 301

Website: www.bridgew.edu/biology

Degree Programs

- BS in Biology
Concentration: Secondary Education
- BA in Biology
- MAT - Biology

Undergraduate Minors

- Biology
- Biotechnology
- Environmental Biology

Click on Academic Programs for program information and requirements.

The mission of the biology program is to provide students with a broad background in the biological sciences allowing for flexibility in making career choices. The department offers an undergraduate program leading to the degree of Bachelor of Science or Bachelor of Arts and a graduate program leading to the degree of Master of Arts in Teaching. Students enrolled in the graduate program have the opportunity to develop their skills and knowledge in more specialized areas.

The overall goal of the program is to expose students to the scientific process and to promote a student's ability to think critically.

Ultimately, the aim is to transform the student into a more analytical thinker and to improve his/her confidence, both academically and professionally. The department feels that the best way to achieve these goals for our biology students is through participation in an undergraduate research experience.

The Department of Biological Sciences is located in the state-of-the-art Science and Mathematics Center. The department has 13 teaching laboratories, five prep laboratories, a biology museum-seminar room, and 8 faculty-student research laboratories that include tissue culture, small mammal, aquatic, and natural history facilities. The department also operates a research-level greenhouse adjacent to the Science and Mathematics Center. The laboratories are well equipped to help students apply the theoretical principles of their courses. Equipment includes light and fluorescent microscopes, a DNA sequencer, ultracentrifuge, microplate reader, real-time PCR, electrophoretic equipment and a flow cytometer amongst other equipment. In addition, there is close cooperation between the biology and chemistry departments that allows for access to other equipment such as electrochemical equipment, a nuclear magnetic resonance spectrometer, an atomic absorption spectrometer, several infrared (IR) spectrometers, a gas chromatograph, a gas chromatograph/mass spectrometer and a high pressure liquid chromatograph.

The location of the campus is a major advantage for conducting fieldwork and ecological studies. Within an hour's drive of the campus are such diverse habitats as bays, salt marshes, sandy beaches, rocky shores, estuaries, bogs, freshwater ponds, streams and rivers (clean and polluted), white cedar swamps, marshes, pine groves and hemlock groves.

The department is involved in the coordination of the Watershed Access Laboratory and the BSU City Lab within the Center for the Advancement of Science Exploration (CASE). These laboratories are designed for outreach use in teacher professional development in environmental education and biotechnology and for interdisciplinary studies by faculty and students.

Each student majoring in biology will be assigned a departmental academic adviser from among the faculty of the department, and should consult with the adviser in regard to both the BS versus BA decision, and selection of courses. It is also important to frequently meet with the adviser to verify progress toward completion of graduation requirements and meeting departmental standards.

Bachelor of Science in Biology (BS)

The department offers a BS degree program designed to prepare the student for employment as a biologist in a laboratory or field setting or for advanced training at a graduate or professional institution. The BS requirements can be tailored to the student's individual interests. This program encourages students to select their coursework to develop a background of skills to complement their interest and open future opportunities for internships, graduate study and careers. Course work in such fields as histology, virology, embryology, molecular biology and neurobiology prepares students for health-related or biotechnology pursuits such as laboratory or clinical work or graduate study and health-professional schools. Course work in such fields as wetlands ecology, evolution, biometry, stream ecology and marine mammal biology would prepare students for graduate study or careers in ecology and other environmental-related pursuits.

The BS degree is an excellent preparation for students seeking advanced graduate education in the health professions: medical doctor, dental medicine, veterinarian, etc. The department participates in the university's Health Profession Advising Program which assists students in selecting appropriate coursework, preparing the MCAT and other qualifying exams and in submitting applications.

All BS students are required to take a core of courses consisting of BIOL 121 - General Biology I, BIOL 122 - General Biology II, BIOL 200 - Cell Biology, BIOL 225 - General Ecology and BIOL 321 - Genetics. In consultation with their departmental adviser, each student selects six additional courses: one to fulfill each of the three Distributions (Cell & Molecular Biology, Physiology and Organismal Biology) with the

remaining three courses being electives. At least one Experiential and one Writing-Designated in the Major in the area of the student's interest are required for graduation.

The Secondary Education Concentration is a more focused option as a high school/middle school teacher preparation program. It is designed to provide the breadth of knowledge required for earning Massachusetts teacher licensure and helping middle and high school pupils meet Massachusetts educational standards.

Bachelor of Arts (BA)

The BA degree is designed for the biology major who wishes to use biological knowledge in pursuit of a career outside of biology. Examples of such careers are teaching elementary education, science writing, scientific illustration, technical sales or publishing. By carefully selecting biology courses and adding particular courses in chemistry, physics and mathematics beyond the BA requirements, a BA degree holder may qualify for many of the career opportunities listed under the BS.

Double Major with Elementary Education and Early Childhood Education or Special Education

Students may choose a double major in biology and elementary and early childhood education or special education. Appropriate advising materials are available in the Department of Biological Sciences and Department of the Elementary and Early Childhood Education.

Honors Program

The honors program in biology provides an opportunity for highly qualified biology majors to study biology and to conduct independent research in biology for honors credit. Interested students should contact the Department of Biological Sciences by their sophomore year for further information concerning eligibility and application.

Undergraduate Research

The Department of Biological Sciences provides the opportunity for students to participate in a true research experience, which is increasingly an advantageous component of undergraduate training.

Each semester, BIOL 396 - Research Problems in Biology and BIOL 497 - Undergraduate Biological Research are offered by faculty members who direct and supervise either individuals or a small team of undergraduates in a research project. Students are intimately involved with experimental design as well as data collection, analysis and interpretation. The course culminates with a student presentation of the semester's work in a departmental seminar. These courses are often followed by a presentation at a professional scientific meeting. Research topics vary from semester to semester as different faculty members direct the research course; equally valuable training and experience in scientific methodology is obtained with all topics. The Department of Biological Sciences highly recommends this experience which adds a profitable dimension that is not provided by ordinary course work.

Biology Internship

Biology students interested in developing a field or laboratory experience through BIOL 498 - Internship in Biology must meet the following criteria to be considered:

- Prior completion of at least 54 credits and at least two semesters of biology at Bridgewater State University
- Minimum 2.5 cumulative GPA overall, and 2.7 GPA in biology
- Prior agreement of a faculty member to act as faculty supervisor and oversee the specific internship
- Submission of a completed internship application form to the department chairperson by the middle of the semester preceding the internship

The Department of Biological Sciences has offered internships in two modes:

Individualized Internships

These internships have been arranged on an individual basis involving the student, the department faculty supervisor and the external supervisor at the internship site. Organizations that have been involved in these internships include Bridgewater Square Chiropractic, Roger Williams Zoo, Franklin Park Zoo, Capron Park Zoo, New England Aquarium, National Maine Fisheries Service at Woods Hole, International Wildlife Coalition, and New England Coastal Wildlife Alliance.

Formalized Group Internships

These internships have involved up to twelve students and have been presented as collaboration between BSU and external organizations, including The Web for Life, The International Wildlife Coalition, and the Plymouth Marine Mammal Research Center. Formal meetings, seminars, and external speakers have been presented to the participants who have also engaged in a program for guided field research.

Requirements and Assessments

Students are required to find a faculty supervisor who will agree to supervise the internship. The department encourages the student to connect with a faculty supervisor whose area of expertise is most appropriate to the proposed internship.

Interns are generally expected to keep a reflective journal, a scientific journal, write a final paper based on the internship experience, and share their experience with the department in a public forum.

Master of Arts in Teaching General Science:

This program is inactive.

■ CHEMICAL SCIENCES

Faculty

Chairperson: Professor Cielito King

Professor: Edward Brush

Associate Professors: Steven Haefner, Stephen Waratuke

Assistant Professors: Samer Lone, Chifuru Noda, Emily Garcia Segal

Department Telephone Number: 508.531.1233

Location: Science and Mathematics Center, Room 401

Website: www.bridgew.edu/chem

Degree Programs

- BA in Chemistry
- BS in Chemistry
- Concentrations: Biochemistry, Environmental Chemistry, Professional Chemistry
- MAT – Physical Science

Undergraduate Minors

- Biochemistry
- Chemistry

Click on Academic Programs for program information and requirements.

The Department of Chemical Sciences offers programs leading to the degrees of Bachelor of Arts or Bachelor of Science in Chemistry. These programs are designed to provide the skills and knowledge necessary to prepare students for successful careers in the chemical, pharmaceutical or biotech industries, for chemical research, teaching and environmental science or for further study in graduate degree programs and professional schools.

The department is housed in the Science and Mathematics Center and maintains a suite of modern scientific instrumentation that is used for both teaching and research purposes. This includes a high resolution nuclear magnetic resonance (NMR) spectrometer, a flame/furnace atomic absorption spectrometer (FLAAS/GFAAS), two Fourier transform infrared (FTIR) spectrometers, two gas chromatographs (GC-MS and GC/FID-ECD), a high performance liquid chromatograph (HPLC), several ultraviolet-visible spectrophotometers (UV/Vis), a luminescence spectrometer, and a molecular imager.

Students, staff and faculty maintain an atmosphere of informal interaction, both inside and outside the classroom and laboratory. Many students participate in Biochemistry Club activities, which include seminars by area scientists, visits to academic and industrial laboratories and special social events. Students are encouraged to participate in research and together with faculty often attend American Chemical Society (ACS) and other professional meetings throughout the country to present their research results.

Bachelor of Arts/Bachelor of Science

The chemistry major, with a concentration in biochemistry, environmental chemistry or professional chemistry, leads to the BS degree. These programs are designed for students who plan a career as a professional chemist or biochemist either immediately after graduation or after graduate work in a chemically related discipline. Satisfactory performance (a 3.0 average or better) in any of these programs gives students the preparation required to obtain an assistantship or fellowship in graduate school. The Bachelor of Science in Chemistry programs are certified by the American Chemical Society.

The chemistry major (without a concentration) leads to the Bachelor of Arts degree. This program is most appropriate for students with a double major in another discipline. The BA is not recommended as a "stand alone" major or for students pursuing a professional career in chemistry. The BA program is not certified by the American Chemical Society. A minimum number of chemistry courses are required so that a program of other courses suited to the individual's interests may be developed in consultation with the student's adviser.

The department also participates in preprofessional advising for students interested in pharmacy, medicine and dentistry. Additional information can be found in the Interdisciplinary and Preprofessional Programs section of this catalog.

Students interested in any of the programs offered by the department should enroll in CHEM 141 - Chemical Principles I and calculus (MATH 161/161E - Single Variable Calculus I or MATH 141 - Elements of Calculus I) in the fall semester of their first year. Additionally, students interested in biochemistry should also enroll in (BIOL 121 - General Biology I). In the spring semester of their first year, students will normally take CHEM 100 - Computers in Chemistry in addition to continuing with CHEM 142 - Chemical Principles II and the second semester of calculus. Students need not decide among the various programs within the department until the spring of their second year. Because of the sequential nature of many courses required in our programs, we urge new students to consult with a chemistry faculty member in addition to the regular freshman advisers during the first year registration process.

BS in Chemistry/Geology

This program is inactive.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in chemistry and elementary education, early childhood education or special education for licensure purposes. Please contact the Department of Chemical Sciences and the appropriate education department for further information.

Minor in Secondary Education (High School, Middle School or PreK-12 Specialist)

Students may major in chemistry and minor in secondary (high school, grades 8-12; middle school, grades 5-8; or PreK-12 specialist) education. Successful completion of these programs will lead to Massachusetts Initial Teacher Licensure. Please refer to the "Department of Secondary Education and Professional Programs" for specific teacher licensure and program requirements.

Honors Program

The honors program in chemistry provides highly motivated chemistry majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in chemistry. Contact the Department of Chemical Sciences for further information concerning eligibility and application.

Master of Arts in Teaching

Chemistry

This program is inactive.

General Science

This program is inactive.

Physical Science

The Master of Arts in Teaching degree in physical science was developed for high school and middle school subject area teachers who have an initial license in chemistry, earth sciences or physics and are seeking a professional license in the Commonwealth of Massachusetts. This MAT program is designed to meet the "appropriate master's degree" requirement, which is part of the criteria for professional stage licensure, as set forth in the most recent MA DESE licensure regulations.

Students should consult the "Graduate Academic Policies" section of the catalog for information regarding graduate program policies and procedures.

For current information concerning program requirements, consult the "Physics" section of this catalog.

■ COMMUNICATION STUDIES

Faculty

Chairperson and Graduate Program Coordinator: Professor Arthur Lizie

Professors: Jabbar Al-Obaidi, Joel Litvin, Nancy Street

Associate Professors: Jason Edwards, Bjorn Ingvoldstad, Susan Miskelly, Nancy Owens

Assistant Professors: Jessica Birthisel, Maria Hegbloom, Melanie McNaughton, Thomasena Shaw, Yongjun Shin

Department Telephone Number: 508.531.1348

Location: Maxwell Library, Room 215

Website: www.bridgew.edu/comm

Degree Program

- BA in Communication Studies
Concentrations: Communication and Culture; Film, Video and Media Studies; Strategic Communication

Undergraduate Minors

- Communication Studies
- Film Studies*
- Public Relations*

* Interdisciplinary minor

Click on Academic Programs for program information and requirements.

The Department of Communication Studies is committed to providing excellent undergraduate programs for students at Bridgewater State University. The department offers a Bachelor of Arts (BA) in Communication Studies. It provides students with a broadly based liberal arts grounding in history, structure, process, culture, social application and functions of human communication, and with the competencies required for effective communication in the 21st century. It also supports an integrated model of learning, relaxing the rigid boundaries between academic requirements, professional training and the liberal arts.

In addition, the Department of Communication Studies endeavors to:

- foster the student's ability to integrate critical, theoretical and ethical perspectives in the field of communication and apply them to their professional, personal and civic lives.
- train students in analytical and critical thought, in oral exposition and argument in the literature of communication and in the research that supports it.
- provide through theoretical perspectives and practical experience, rich opportunities and preparation for careers in communication and media, for work in other fields for which communication is pivotal for success and for advanced study in communication.

Bachelor of Arts

The Department of Communication Studies strives to educate the residents of the region in the matter and practices of the field of communication and media with the following concentrations:

- Communication and Culture
- Film, Video, and Media Studies
- Strategic Communication

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major, one in communication studies and another in elementary education, early childhood education or special education for licensure purposes.

Honors Program

The honors program in Communication Studies provides highly motivated communication studies majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in communication studies. Contact the Honors Program Director, Jason Edwards at jason.edwards@bridgew.edu for further information concerning eligibility and application.

Master of Arts in Teaching Speech Communication and Theater

This program is inactive.

▪ **COMPUTER SCIENCE**

Faculty

Chairperson: Associate Professor John Santore

Graduate Program Coordinator: Professor Glenn Pavlicek

Professor: Torben Lorenzen

Associate Professors: Lee Mondshein, Abdul Sattar

Assistant Professors: Seikyung Jung, Chadi Kari

Department Telephone Number: 508.531.1313

Location: Science and Mathematics Center, Room 331

Website: www.bridgew.edu/cs

Degree Programs

- BS in Computer Science
- MS in Computer Science

Undergraduate Minor

- Computer Science

Click on Academic Programs for program information and requirements.

Bachelor of Science in Computer Science

This program provides a broad background in computer science and will serve as preparation for employment in computer applications or for graduate studies in the field.

Bachelor of Arts in Computer Science

This program is inactive.

Honors Program

The honors program in computer science provides highly motivated computer science majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in computer science. Contact the Department of Computer Science for further information concerning eligibility and application.

▪ **COUNSELOR EDUCATION**

Faculty

Chairperson and Graduate Program Coordinator: Associate Professor Michael Kocet

Graduate Program Directors: Associate Professor Theresa Coogan (School Counseling); Assistant Professor Melissa Freeburg (Mental Health); Associate Professor Michael Kocet (Student Affairs)

Professors: Victoria Bacon, Louise Graham, Maxine Rawlins

Associate Professor: Christy Lyons Graham

Department Telephone Number: 508.531.2836
Location: Kelly Gymnasium, Room 104
Website: www.bridgew.edu/counselingprograms

Degree Programs

- MEd in Counseling
Concentrations: Mental Health Counseling, Mental Health Counseling–Dual License, School Counseling (PreK-8, 5-12), Student Affairs Counseling

Certificate of Advanced Graduate Study Programs (CAGS)

- Mental Health Counseling

Postmaster's Licensure Program

- School Counseling (PreK-8, 5-12)

Click on Academic Programs for program information and requirements.

Mission Statement

The Bridgewater State University graduate Department of Counselor Education prepares professional counselors to provide counseling, consultation and preventive services to individuals, families, groups and communities in mental health, student affairs and PreK-12 educational settings. The faculty embrace a professional identity as counselors and facilitate the development of this professional identity in students by stressing wellness, lifespan development, professional ethics, multicultural competencies and prevention. The counseling faculty are diverse with regard to background, experience and counseling orientation, and prepare counselors to help clients effectively respond to developmental, educational, career, mental health and other lifespan challenges. As professional counselors, students in the Department of Counselor Education are educated to think critically, communicate effectively and responsibly utilize innovative strategies to enhance the practice of counseling in the 21st century. The faculty facilitate the ability of students to translate theoretical and philosophical principles into practical application to promote wellness throughout the lifespan. Students graduate prepared to pursue licensure in their respective area of counseling.

Counseling Program Options

Master of Education in Counseling Program Options

- Mental Health Counseling - 60 credits
- Mental Health Counseling: Dual License - 66 credits
- School Counseling - 51 credits
- Student Affairs Counseling - 39 credits

Certificate of Advanced Graduate Study in Counseling Program Options

Certificate of Advanced Graduate Study in Mental Health Counseling - 30 credits (minimum)

Postmaster's Licensure in Counseling Program Options

School Counseling (PreK-8, 5-12) - 45 credits

General Admission Criteria for the Counselor Education Programs

The counselor education faculty seek to admit students who will become highly effective professional counselors. As such, the faculty look at each student's application as a whole and do not exclude students based on any one criterion. Students must submit a complete application by **Oct. 1** for spring semester admission and **Feb. 1** for summer/fall semester admission. In addition to the admission standards set by the university, there are general admission criteria for counseling that are based on state and national standards outlined below.

Specific program admission requirements are identified under individual program options on the following pages.

- Each applicant is reviewed by counselor education faculty who serve on the Counseling Programs Committee.
- Each applicant must demonstrate success in forming effective interpersonal relationships in individual and small group contexts.
- Each applicant must demonstrate aptitude for graduate-level study.
- Each applicant must provide career goals and objectives and their relevance to their chosen program.
- Each applicant must demonstrate openness to self-examination and personal and professional self-development.

Degree-seeking students who desire to change programs must file a formal petition with the Counseling Programs Committee and meet all admission requirements of the desired program. A student whose petition is approved must adhere to the specific program requirements in place at the time of approval.

The counselor education faculty actively seek to recruit applicants with diverse backgrounds.

Counseling Program Planning

All accepted students must complete an on-line orientation for new students and meet with their faculty adviser upon acceptance.

Prospective candidates who have not been formally accepted into the program are urged to confine their selection of courses to the three core courses (CNMH 528, or CNSA 528, or CNSC 528; and CNGC 529 and CNGC 500).

The Department of Counselor Education takes very seriously its responsibility and commitment to train professional and ethical counselors and to "protect the public good." Faculty are committed to supporting student success, and providing remedial interventions, when needed. However, the department also recognizes that there will be a small number of students for whom it becomes clear that transitioning out of the program is necessary. The department has written a Learning Contract that reflects ACA ethical standards, university guidelines,

department expectations and requirements, as well as the procedures that will be followed in response to academic, personal and /or professional student-related concerns that may arise. During the new student orientation experience, the department's Learning Contract will be reviewed and discussed with all students; students will sign and receive a hard copy of the contract. Students must sign and receive a copy of the Learning Contract to continue to take courses as degree-seeking students. The contract will also be posted on each of the department's program-specific Blackboard virtual sites. A signed copy will be put in each student's file at the College of Graduate Studies.

Grade Requirement

Please see Graduate Academic Policies in the BSU catalog and the College of Graduate Studies Handbook (www.bridgew.edu/Handbook/GradSchool.cfmFieldwork).

Fieldwork Experiences

Field experiences (e.g., practicum or internship) are required of all matriculated students. Depending on the counseling program, students complete between 300 and 1000 hours of supervised fieldwork experience. Each student, in conjunction with an academic adviser, selects an appropriate site and is supervised by an on-site professional while meeting with a Bridgewater State University faculty member for a fieldwork seminar. Most important, students must submit a fieldwork application to the fieldwork director to participate in any fieldwork experience. Fieldwork applications must be completed by the first Monday in **April** for the summer semester, by the first Monday in **June** for the fall semester, and by the first Monday in **November** for the spring semester.

Culminating Experience

As part of the graduation requirement in the department, students are expected to complete a culminating experience which is overseen by members of the Department of Counselor Education faculty. The culminating experience focuses on students' ability to integrate counseling and development theory into direct practice. Through the culminating experience, students will demonstrate the counseling competencies that align with current CACREP standards (Council for the Accreditation of Counseling and Related Educational Programs), as well as standards that align within respective programs of study. Students will have the choice of a master's thesis; CNGC 502 - Research; taking the CPCE Exam (Counselor Preparation Comprehensive Examination); creating a capstone portfolio, CNGC 585 - Capstone in Counseling -- Portfolio; or a project paper, CNGC 586 - Capstone in Counseling -- Project Paper. Students completing a master's thesis must follow the guidelines established by the College of Graduate Studies. Students who are considering pursuing future doctoral studies are especially encouraged to select the master's thesis option.

CAGS in Mental Health students have the option of submitting a passing score on the LMHC (Licensed Mental Health Counselor) exam in lieu of the above mentioned culminating experiences.

▪ **CRIMINAL JUSTICE**

Faculty

Chairperson: Associate Professor Richard Wright

Graduate Program Coordinator: Assistant Professor Jennifer Hartsfield

Professor: Carolyn Petrosino

Associate Professors: Kyung-shick Choi, Jo-Ann Della-Giustina, Aviva Twersky Glasner, Mitchell Librett

Assistant Professors: Robert Grantham, Khadija Monk, Mia Ortiz, Wendy Wright

Department Telephone Number: 508 .531.2107

Location: Maxwell Library, Room 311

Website: www.bridgew.edu/criminaljustice

Degree Programs

- BS in Criminal Justice
Concentration: Victimology
- MS in Criminal Justice
Concentrations: Administration of Justice, Crime and Corrections

Undergraduate Minor

- Criminal Justice

Click on Academic Programs for program information and requirements.

The Department of Criminal Justice offers a major program in criminal justice and a minor in criminal justice.

The department provides a rigorous discipline-specific curriculum aimed at developing well-rounded graduates with strong critical thinking abilities. Department programs also impart skills to students, preparing them for a wide range of career options in the field of criminal justice or closely related fields. Career options include positions in the criminal justice system, education, research, private treatment agencies and various state and federal justice agencies. The department encourages students to continue on to graduate study.

Many department faculty members engage in research and the department encourages student-faculty collaborative research. Students may also carry out internships.

Honors Program

The honors program in criminal justice provides highly motivated criminal justice majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree. Contact the Department of Criminal Justice for further information concerning eligibility and application.

Overseas-Study Opportunities

The Department of Criminal Justice urges its majors and minors to study abroad, both via Bridgewater State University sponsored study tours and as exchange students at universities. The Office of Study Abroad can assist students. Any student contemplating study abroad should consult the department with all pertinent documentation. Final acceptance of credit will be determined upon receipt of official transcripts and supporting material and, in some cases, may not be equivalent to the credits earned in a regular semester or year at Bridgewater State University.

Master of Science - Early Acceptance Program

Bridgewater State University offers students enrolled in the BS in Criminal Justice program the opportunity for early acceptance into the MS program.

Admission Requirements to the Criminal Justice Master's of Science Program via Early Acceptance

A criminal justice major may apply to the MS program while enrolled in the senior year of their BS program. Although students may be accepted into the graduate program at this point, they will be classified as undergraduate students until all requirements of the Bachelor's degree have been fulfilled and the BS degree has been awarded. Under the early acceptance program, students will be admitted and classified as graduate students in the semester immediately following conferral of the Bachelor's degree. Students accepted under the early acceptance program must begin taking graduate courses the semester after receipt of their Bachelor's degree.

The Department of Criminal Justice waives the GRE requirement and application fee for the Masters Degree Early Acceptance applicants. The following are required to be accepted into the program:

- 1.) Students must have achieved an overall Bridgewater State University earned GPA of 3.0 at the time their application is accepted.
- 2.) Three appropriate letters of recommendation, two of which must come from full-time BSU criminal justice faculty.

This program is Quinn Bill-approved.

Master of Science in Criminal Justice

The Master of Science in Criminal Justice provides students with the knowledge and skills necessary to succeed in a variety of professional positions in criminal justice or in closely related fields and prepares students for doctoral programs as well. Students in the program will acquire detailed knowledge of the seven broad areas of criminal justice, learn about the role of information technology in the criminal justice system, become familiar with major data sources and learn to carry out research and data analysis in criminal justice. Students will also develop skills in critical thinking and in oral and written communications. In addition to providing a solid foundation in contemporary criminal justice, the program emphasizes diversity in criminal justice issues. Students may choose from two concentrations. The concentration in administration of justice is offered in cooperation with the Master of Public Administration program. Students may also concentrate in crime and corrections.

▪ **ECONOMICS**

Faculty

Chairperson: Associate Professor Daniel Lomba

Professor: Margaret Brooks

Associate Professor: Michael Jones

Assistant Professor: Quoc Tran

Department Telephone Number: 508.531.1716

Location: Hunt Hall, Room 113

Website: www.bridgew.edu/economics

Degree Program

- BS in Economics

Undergraduate Minor

- Economics

Click on Academic Programs for program information and requirements.

The Department of Economics offers a Bachelor of Science (B.S.) in Economics and a Minor in Economics.

The major in economics is a comprehensive program which enables students to become familiar with many aspects of the economy and provides them with training in economic analysis and problem-solving techniques. A strong background in economic theory will prepare students for entry into fields such as banking, finance, business, politics and real estate.

The minor in economics offers a basic program which enables students to become familiar with some aspects of the economy and provides them with training in economic analysis and problem-solving techniques.

What is economics?

Economics is the study of the behavior of individuals, firms and the economy as a whole.

Centers associated with Economics Department:

Center for Economic Education

Canadian Studies Program

Project for Economic Data and Research (PEDR)

What can I do with an economics major?

Private sector opportunities include banking, finance, insurance and consulting.

Public sector opportunities include any number of government agencies, such as the IRS or the Federal Reserve.

Other opportunities include graduate studies in economics (M.A., Ph.D.), law school and business school.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in economics and elementary education, early childhood education or special education for licensure purposes. Please contact the Department of Economics and the appropriate education department for further information. The Center for Economic Education, located within the Department of Economics, provides resources and support for preservice teachers.

■ ELEMENTARY AND EARLY CHILDHOOD EDUCATION

Faculty

Chairperson: Professor John Marvelle

Graduate Program Coordinators:

Professor Elaine Bukowiecki (Reading)

Professor Steven Greenberg (Elementary and Early Childhood Education)

Professors: Gregory Nelson, Mary Shorey, Gerald Thornell, Nancy Witherell

Associate Professors: Patricia Emmons, Robert Sylvester

Assistant Professors: Susan Eliason, Nicole Glen, Jennifer Manak

Department Telephone Number: 508.531.1243

Location: Hart Hall, Room 122

Website: www.bridgew.edu/elemed

Degree Programs

- BSE in Elementary Education
- BSE in Early Childhood Education
Concentration: Early Education and Care (PreK-K) (Non-Public School Licensure)
- BSE in Elementary Education/MEd Special Education (Teacher of Students with Moderate Disabilities PreK-8) Dual Licensure
- MEd in Elementary Education (Initial Licensure)
- MEd in Elementary Education (Professional Licensure)
- MEd in Elementary Education (Non-Licensure)
- MEd in Early Childhood Education (Professional Licensure)
- MEd in Early Childhood Education (Non-Licensure)
- MEd in Reading

Certificate of Advanced Graduate Study Program (CAGS)

- Reading

Postbaccalaureate Licensure Programs

- Early Childhood Teacher of Students With or Without Disabilities (PreK-2) (Initial Licensure)
- Elementary Education (Initial Licensure)

Click on Academic Programs for program information and requirements.

The Department of Elementary and Early Childhood Education offers several programs designed to meet the needs of graduate students: postbaccalaureate programs and master's degrees that allow students to apply for initial licensure in elementary education (1-6) or early childhood education (PreK-2); and master's degree programs that allow students to apply for professional licensure. The department also offers a Master of Education degree in reading for educators seeking an additional license as a teacher specialist (all levels) of reading. In addition, a CAGS in reading is available.

Honors Program

The honors program in elementary education provides highly motivated elementary education majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in elementary education. Contact the Department of Elementary and Early Childhood Education for further information concerning eligibility and application.

Master of Education in Early Childhood Education (Initial Licensure)

This program is inactive.

■ ENGLISH

Faculty

Chairperson: Associate Professor Benjamin Carson

Graduate Program Coordinator: Associate Professor Gregory Chaplin

Professors: Evelyn Pezzulich, Jadwiga Smith, Julia Stakhnevich, William Smith

Associate Professors: Joyce Rain Anderson, Matthew Bell, Ann Brunjes, James Crowley, Kimberly Davis, Anne Doyle, Kathryn Evans, John Kucich, Michael McClintock, John Sexton, Kathleen Vejvoda

Assistant Professors: Stuart Allen, Alba Aragon, Heidi Bean, Allyson Salinger Ferrante, Kevin Kalish, Lisa Litterio, Bruce Machart, John Mulrooney, Ellen Scheible, Lee Torda, Elizabeth Veisz

Department Telephone Number: 508.531.1258

Location: Tillinghast Hall, Room 340

Website: www.bridgew.edu/english

Degree Programs

- BA in English
Concentrations: English Education (High School, Middle School), Writing and Writing Studies
- MA in English
- MAT in English
- MAT in English, Creative Writing Concentration (This program is currently inactive.)

Undergraduate Minor

- English

Click on Academic Programs for program information and requirements.

Bachelor of Arts

The program of study for English majors aims to enhance their appreciation and knowledge of literature and the writing process. Through exposure to significant literary works and to the tools for understanding and analyzing what they read and write, students will develop an understanding of the history and background of English-language literatures, including texts in translation central to the discipline. Course work in the major includes offerings in culturally diverse English-language literatures with a foundation in British and American traditions, embracing the writing process and critical analysis. This background prepares English majors to enter diverse careers or to pursue graduate study. Bridgewater State University English majors have achieved success in a wide variety of occupations including teaching, banking, law, medicine, publishing, government service, public relations, technical writing, creative writing, advertising and business administration.

Within the English major, students may also pursue a writing and writing studies concentration or combine their program with licensure in elementary, middle school or secondary education.

The department offers an honors program for students who wish to pursue independent study culminating in a thesis.

The department participates in interdisciplinary minors such as American Studies, Canadian Studies, Women's Studies and U.S. Ethnic Studies.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in English and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Honors Program

The honors program in English provides highly motivated English majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in English. Contact the Department of English for further information concerning eligibility and application.

■ FOREIGN LANGUAGES

Faculty

Chairperson: Professor Fernanda Ferreira

Professors: Duilio Ayalamacedo, Leora Lev

Associate Professors: Atandra Mukhopadhyay, Minae Savas

Assistant Professors: Alba Aragon, Ryan Labrozzi

Department Telephone Number: 508.531.1279

Location: Tillinghast Hall, Room 340

Website: www.bridgew.edu/foreignlanguage

Degree Program

- BA in Spanish
Concentration: Secondary Education

Undergraduate Minors

- Portuguese
- Spanish

Click on Academic Programs for program information and requirements.

Bachelor of Arts

The Department of Foreign Languages offers students an opportunity to gain practical working knowledge of one or more of 11 foreign languages. Students may choose any of these 11 languages offered by the department unless otherwise advised by the requirements of their academic major. Students who are continuing the study of foreign languages at Bridgewater State University should do so at the earliest opportunity.

The department offers an undergraduate major in Spanish, a major in Spanish with a Secondary Education Concentration and a minor in Spanish, as well as a minor in Portuguese.

For all prerequisites, equivalent course credit or preparation will be considered.

The Department of Foreign Languages participates in the multidisciplinary minor in Canadian Studies, the Latin American and Caribbean Studies minor, the Women's and Gender Studies minor and the Asian Studies minor. Click on Academic Programs for program information and requirements.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in Spanish and elementary education, early childhood education or special education for licensure purposes. Advising on appropriate course sequences is available.

Minor in Secondary Education

Students may minor in secondary education (grades 5-12). Successful completion of this minor and the Spanish major, Secondary Education Concentration will lead to Massachusetts Initial Teacher Licensure-Spanish. Please refer to "Secondary Education and Professional Programs" for specific teacher licensure and program requirements.

Foreign Language Courses

Students who would like to continue the study of foreign languages at Bridgewater State University should do so at the earliest opportunity. Foreign language courses count for the Global Culture and Humanities requirements of the core curriculum.

With the exception of advanced placement, foreign language courses, and foreign language College-Level Examination Program (CLEP) exams, credit may not be granted to students exempt from one to two semesters because of study of three or more secondary levels of the same foreign language or because of placement score.

Foreign Language Placement Policy

- If you have studied a language for two years or less in high school, you may register for the 101 level of that language.
- If you have studied a language for three years or more in high school, you must register for the 102 level of that language.
- If it has been more than five years since you last studied a language in high school, you may register for the 101 level of that language.
- If you are a native or a heritage speaker of a language, you must register for the 102 level of that language.
- If you are a transfer student from another college or university and
 - you took a foreign language at your previous institution, your transfer credits will be assessed upon admission to Bridgewater State University.
 - you did not take a foreign language at your previous institution, follow the same guidelines as previously stated in the language policy.
- Faculty teaching 101 and 102 levels of languages will determine during the first week of class if the student is taking the appropriate level of language. If the student is not, s/he will be placed in a more appropriate course.

Additional questions about language placement should be directed to the Chairperson of the Department of Foreign Languages, Tillinghast Hall, Room 332, 508.531.2298.

Honors Program

The honors program in Spanish provides highly motivated Spanish majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in Spanish. Contact the Department of Foreign Languages for further information concerning eligibility and application.

Overseas-study Opportunities

The Department of Foreign Languages urges its majors and minors to study abroad and can offer information on available study plans. The Office of Study Abroad and the Office of Student Affairs can assist students. Any student contemplating study abroad should consult the department with all pertinent documentation. Final acceptance of credit will be determined upon receipt of official transcripts and supporting material and, in some cases, may not be equivalent to the credits earned in a regular semester or year at Bridgewater State University.

Master of Arts in Teaching

This program is inactive.

■ GEOGRAPHY

Faculty

Chairperson: Professor Madhusudana Rao

Graduate Program Coordinator: Professor Jeffrey Williams

Professors: Robert Amey, Sandra Clark, Vernon Domingo, James Hayes-Bohanan, Robert Hellström

Associate Professor: Darcy Boellstorff

Department Telephone Number: 508.531.1390

Location: Science and Mathematics Center, Room 201

Website: www.bridgew.edu/geography

Degree Programs

- BA in Geography
- BS in Geography

Undergraduate Minor

- Geography

Click on Academic Programs for program information and requirements.

The Department of Geography offers two undergraduate degrees in geography, a BA (focused on students who typically double major in education) and a BS, geared toward students who are looking to enter professional careers and/or graduate school. Majors in geography can concentrate their course work under the broad categories of physical geography (water resources, weather and climate, meteorology, hydrology, geomorphology, soils), human geography (regional studies – Canada, South Asia, Southeast Asia, Europe, Latin America, the Middle East, Africa – urban geography and planning, economic geography, political geography), or link human and physical classes in environmental studies (mixing physical and human geography classes with environmental regulation and policy, environmental justice, environmental geography).

The department is also active in the African Studies; Asian Studies; Canadian Studies; Civic Education and Community Leadership; Latin American and Caribbean Studies; Middle East Studies; Urban Affairs; and Women's and Gender Studies minors. For those not majoring in geography, the department offers a minor in geography. Graduate-level course work for teachers working toward a Master of Education is offered by the department.

The Department of Geography works actively with state and regional agencies on socioeconomic and environmental problems. Past faculty research projects include coastal storm impacts, regional economic developments, transportation planning, the impact of PCBs in New Bedford Harbor, the search for water supplies for the next century and horticultural planning in the developing world.

The department has been involved in assisting local organizations through faculty research and student internships. Examples of such involvement are with local banks, planning agencies, retailers, Boston's "Big Dig," the Massachusetts Bay Transit Authority (MBTA), the Massachusetts Forest Fire Bureau, the Natural Resources Trust of Bridgewater, the Ocean Spray Cranberry Cooperative and international organizations.

Additionally, the department has been active in research for the U.S. Department of Transportation (on a national study of bus systems), the Massachusetts Department of Education (on statewide curriculum reform), watershed studies in cooperation with Department of Biological Sciences faculty at the Raytheon Watershed Access Laboratory, local facilities siting for the Old Colony YMCA, the Plymouth-Carver Aquifer region's water conservation study, the role of information technology and green energy initiatives in developing countries, the Natural Resources Conservation Service National Cooperative Soil Survey, climate change in the Southeastern Massachusetts region, and educational initiatives in Cape Verde. The department has offered a series of "the geography of coffee" courses, seminars and study tours that include in-depth work in the growing and marketing of coffee and looks at fair trade and social justice issues. The department is also a key member of a four-school consortium (Bridgewater State University, Central Connecticut State University, the State University of Santa Caterina, and the Federal University of Porto Alegre) working on comparative urban studies in the U.S. and Brazil. This program includes an ongoing student exchange program that brings students from Brazil to the U.S., and sends BSU students to Brazilian universities in alternate semesters.

The geography faculty maintains the Southeastern Massachusetts Global Education Center's Resource Center, a major source of teacher education assistance in Southeastern Massachusetts and beyond, and a significant player in leading efforts to bring geography back into the primary and secondary school curricula. The Global Education Center is also taking geography to the schools through its EarthView educational outreach program. EarthView is a 20-foot inflatable globe that is used to expand geographic knowledge "from the inside" at schools throughout the region for budding geographers – both students and teachers.

The department maintains two advanced geanalysis labs, a large PC-based Geographic Information Systems (GIS) lab with a variety of up-to-date software applications for land use analysis, study of remote sensing data and analysis of digital imagery, and a smaller GIS lab for specialized projects. Other equipment includes a large format scanner and plotter, GPS surveying equipment, a portable visible-near

infrared spectroradiometer and groundwater sampling equipment. These enable the department to encourage undergraduate students to be engaged in research opportunities and become well versed in the field's technology.

The Department of Geography maintains a state-of-the-art automatic weather station for the university. Graphical and tabulated raw data from the weather tower, available at www.bridgew.edu/weather/, have been available to the public since 2001 and are updated hourly. Weather data are used in meteorology and climatology courses. In 2010, four additional WiFi weather stations distributed throughout the campus were installed for microclimate studies with real-time access to weather observations through the Internet. In 2011, a research-grade automatic weather station will be installed on the roof of the building to support advanced meteorological research and class projects.

The multidisciplinary wind tunnel lab supplements course work and research in the Departments of Physics, Aviation and Geography at BSU. Collaborations include studies of turbulence and calibration of anemometers in geography and wind turbine and airplane designs in physics and aviation. LabView software controls the wind tunnel and provides real-time data analysis through a computerized interface. Students regularly help maintain and run tests in the wind tunnel. An upgrade to the wind tunnel in 2011 will allow for a greater variety of seasonal experiments in low, medium and high speed test sections, including evapotranspiration during the summer and icing during the winter.

Geography faculty at Bridgewater State University employ sophisticated computer facilities for classroom instruction, including demonstrating and displaying Web-based and self-authored material and models. In a growing number of courses, students may submit assignments online, and in some courses, a majority of class time is spent in "virtual classrooms." To learn more, visit the department website at www.bridgew.edu/depts/geography.

The department boasts an active Geography Enthusiasts Organization (GEO) that sponsors area field trips, invites geography alumni to talk about life after school, and helps prepare student participants for the Geography Bowl held at the annual regional New England-Saint Lawrence Valley Geographical Society meeting. Students may also qualify for Gamma Theta Upsilon, the international geography honor society. The department also sponsors an annual field trip, HUMPHY, typically a long weekend in the fall, to explore the human and physical environments in the region.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in geography and elementary education, early childhood education or special education for licensure purposes. Please contact the Department of Geography and the appropriate education department for further information.

Honors Program

The honors program in geography provides highly motivated geography majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in geography. Contact the Department of Geography for further information concerning eligibility and application.

Master of Arts in Teaching Earth Sciences

This program is inactive.

Master of Arts in Teaching General Science

This program is inactive.

For current information concerning program requirements, consult the "Physics" section of this catalog.

■ GEOLOGICAL SCIENCES

Faculty

Chairperson: Professor Michael Krol

Professors: Robert Cicerone, Richard Enright, Peter Saccocia

Assistant Professor: Stephen Kaczmarek

Department Telephone Number: 508.531.1390

Location: Science and Mathematics Center, Room 132

Website: www.bridgew.edu/GeologicalSciences

Degree Programs

- BA in Earth Sciences
- BS in Earth Sciences
Concentrations: Environmental Geosciences, Geology
- MAT - Physical Sciences

Undergraduate Minors

- Earth Sciences
- Geophysics

Click on Academic Programs for program information and requirements.

The Department of Geological Sciences offers several undergraduate programs in the earth and environmental sciences. Majors in the BS earth sciences program may elect a concentration in environmental geosciences or geology. The BA or BS earth science programs may also be taken as a double major with education.

The geological sciences faculty have a wide range of expertise within the geosciences and are actively engaged in research. The department includes faculty with extensive background and experience in the realm of fieldwork, laboratory investigations, and theoretical work, including computer modeling. This diversity supports a modern curriculum and provides numerous opportunities for students to extend their education beyond the confines of the traditional classroom.

Departmental faculty collaborate with scientists from other academic institutions to increase the number and variety of research opportunities for students. One member of the faculty is a guest investigator at the Woods Hole Oceanographic Institution. This appointment generates research opportunities for students in marine geochemistry, geology, oceanography, and includes sea-going expeditions. Another faculty member collaborates with the Earth Resources Laboratory in the Department of Earth, Atmospheric and Planetary Sciences at the Massachusetts Institute of Technology. The latter collaboration creates student research opportunities in geophysics, which includes projects focused on earthquake generation. The research program of a third faculty member enables additional undergraduate research opportunities in the fields of petrology, geochemistry, geochronology and tectonics with a focus on the geology of both the central and northern Appalachian and Rocky Mountains. The department also supports research within the realm of sedimentology and paleontology. This includes course-based research projects involving both field investigations and laboratory analysis of sediment transport and deposition, particularly within the coastal environment.

The department has a long history of active engagement within the cutting-edge field of remote sensing and supports these activities with both traditional courses and numerous applied research opportunities. In this regard, the department has been selected as the only one in the state college system in Massachusetts to participate in the National Aeronautics and Space Administration (NASA) sponsored Joint Venture (JOVE) program. This distinction led to collaborations with the Jet Propulsion Laboratory on remote sensing projects in Mexico, Alabama and Southeastern Massachusetts and the Goddard Space Flight Center on bolide impacts. Similar research projects, performed by both faculty and undergraduate students, are ongoing today.

The department is committed to providing undergraduate students the opportunity to perform research with a faculty mentor. Each year, geological sciences students are involved in research and present their work at professional conferences organized by both regional and national geologic organizations. These opportunities help to propel our students into rewarding careers and excellent graduate programs.

Modern equipment supports the department's curriculum, including laboratory courses and undergraduate research projects. This equipment includes: 1) an X-ray Diffractometer, 2) thin sectioning equipment; 3) petrographic polarizing and stereoscopic microscopes; 4) research grade Olympus polarizing microscopes complete with digital cameras and image analysis software; 5) a proton precession magnetometer; 6) a refraction seismometer; 7) an AS-1 earthquake seismometer; 8) a Frantz Isodynamic Separator; 9) a 14-foot coastal research vessel; 10) a portable gamma-ray spectrometer; 11) a portable visible-near infrared spectroradiometer 12) a Sunsparc 20 UNIX work station; 13) a SunBlade 150 UNIX workstation; 14) GPS surveying equipment; 15) groundwater and stream water sampling/monitoring equipment; 16) electromagnetic induction profiler; 17) X-ray Fluorescence Spectrometer (XRF); and 18) gas chromatograph.

Finally, our close relations with the Department of Chemical Sciences have facilitated access to more specialized instrumentation used to investigate geochemical problems. This includes atomic absorption spectrometer, an ultraviolet-visible spectrophotometer and a gas chromatograph/mass spectrometer.

In addition to course-related laboratory spaces, the department has several specialized laboratories to support research activities. These include a well-equipped remote sensing laboratory, x-ray and geochemistry laboratory, a mineral separation laboratory, petrographic laboratories, and extensive facilities for the preparation of rock samples for numerous analyses.

Geology faculty are using Bridgewater State University's sophisticated computer facilities for classroom instruction, including demonstrating and displaying Web-based and self-authored material and models. In a growing number of courses, students may submit assignments online, and in some courses, a majority of class time is spent in "virtual classrooms." To learn more, visit the department website at <http://www.bridgew.edu/GeologicalSciences/>.

The department boasts an active student-led Geology Society that sponsors local (Harvard Museum of Natural History), regional (New Hampshire's White Mountains), national (Hawaii), and international (Canada, Iceland, Mexico) field trips. The Society also organizes the department speaker series. Students may also qualify for Sigma Gamma Epsilon, the national earth science honor society.

Earth Sciences Major

The major in earth sciences is a solid, broad-based program that provides the student with an understanding and appreciation of the physical aspects of the earth and earth processes. Career opportunities for graduates exist in federal, state and local government service, industry and environmental studies both with regulatory agencies and consulting firms. Teaching in the elementary, middle and secondary schools is another option. Many of our earth science majors have been awarded full scholarships or assistantships at leading graduate schools. In addition, the faculty have an extensive program of undergraduate research, and many students have presented the results of their undergraduate research at various professional national meetings. The majority of this research has been funded through ATP or department grants, and students are encouraged to contact the faculty if interested. Internships are also available for those students desiring to prepare themselves for employment upon graduation. Interested students are encouraged to contact the earth science/geology faculty – Drs. Cicerone, Enright, Kaczmarek, Krol and Saccocia – for more information about earth science/geology programs.

The most comprehensive of all of the earth science programs within the commonwealth, this concentration provides students with an understanding of the physical and chemical aspects of the earth and its internal as well as surface processes. Career opportunities for graduates exist in federal, state and local government service, industry and environmental studies both with regulatory agencies and consulting firms. With the selection of appropriate electives, students will be prepared for government service, for environmental work related to the detection and monitoring of pollutants as well as for remediation of affected areas, and for careers in such fields as environmental geology, mining or petroleum geology and hydrology. This concentration gives students a solid background in geology and the cognate sciences required to successfully pursue graduate work at leading universities.

Chemistry-Geology Major – Bachelor of Science

This program is inactive.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in geological sciences and elementary education, early childhood education or special education for licensure purposes. Please contact the Department of Geological Sciences and the appropriate education department for further information.

Geophysics Minor

A new geophysics minor has been approved for the 2013-2014 academic year.

Minor in Secondary Education (High School, Middle School or PreK-12 Specialist)

Students may minor in secondary (high school, grades 8-12; middle school, grades 5-8; or PreK-12 specialist) education. Successful completion of this minor will lead to Massachusetts Initial Teacher Licensure. Please refer to the "Department of Secondary Education and Professional Programs" for specific teacher licensure and program requirements.

Honors Program

The honors program in geological sciences provides highly motivated geology majors with opportunities to enhance their academic program through scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in geological science.

Contact the Department of Geological Sciences for further information.

Master of Arts in Teaching Earth Sciences

This program is inactive.

General Science

This program is inactive.

Physical Science

The Master of Arts in Teaching degree in physical science was developed for high school and middle school subject area teachers who have an initial license in chemistry, earth sciences or physics and are seeking a professional license in the Commonwealth of Massachusetts. This MAT program is designed to meet the "appropriate master's degree" requirement, which is part of the criteria for professional stage licensure, as set forth in the most recent MA DESE licensure regulations.

Students should consult the "Graduate Academic Policies" section of the catalog for information regarding graduate program policies and procedures.

For current information concerning program requirements, consult the "Physics" section of this catalog.

▪ History

Faculty

Chairperson: Professor Keith Lewinstein

Graduate Program Coordinator: Professor Michael Ierardi

Professors: Leonid Heretz, Andrew Holman, Margaret Lowe, Jean Stonehouse, Wing-kai To

Associate Professors: Joshua Greenberg, Erin O'Connor, Sarah Wiggins

Assistant Professors: Thomas Nester, Brian Payne, Paul Rubinson, Ethan Sanders, Jeffrey Webb

Department Telephone Number: 508.531.1388

Location: Tillinghast Hall, Room 233

Website: www.bridgew.edu/history

Degree Programs

- BA in History
Concentration: Military History
- MAT - History

Undergraduate Minors

- History

- Public History
(This program is inactive.)

Click on Academic Programs for program information and requirements.

Bachelor of Arts

The department offers students a solid, liberal arts major as preparation for professional careers, for graduate study in other fields (law and librarianship, for example) and for careers as museum professionals and public historians. It prepares students to teach history at the middle and high school level, and it provides a relevant and valuable liberal arts major to students preparing for careers in elementary, early childhood and special education. It also contributes to the core curriculum program by offering history courses to all students.

The Department of History recommends that its majors select a minor or interdisciplinary program that will complement the major program. History majors electing secondary education are strongly urged to take elective courses in geography, political science, economics and the behavioral sciences in order to meet present employment expectations.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in history and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested sequences are available.

Minor in Secondary Education (High School, Middle School, PreK-12 Specialist)

Students may minor in secondary (either high school, grades 8-12; or middle school, grades 5-8) education. Successful completion of either of these programs will lead to Massachusetts Initial Teacher Licensure. Please refer to "Secondary Education and Professional Programs" and "History, BA" for specific teacher licensure and program requirements.

Honors Program

The honors program in history provides highly motivated history majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in history. Contact the Department of History for further information concerning eligibility and application.

INTERDISCIPLINARY AND PREPROFESSIONAL PROGRAMS

Degree Program

- *Chemistry/Geology, BS

Undergraduate Minors

- Actuarial Science Minor
- African Studies Minor
- American Studies Minor
- Asian Studies Minor
- Canadian Studies Minor
- Civic Education and Community Leadership Minor
- Classical Studies Minor
- Dance Minor
- Film Studies Minor
- GLBT Studies Minor
- Health Resources Management Minor
- Latin American and Caribbean Studies Minor
- Middle East Studies Minor
- *Public History Minor
- Public Relations Minor
- Russian and East European Studies Minor
- U.S. Ethnic Studies Minor
- Urban Affairs Minor
- Women's and Gender Studies Minor

Graduate Certificate Program

Women's and Gender Studies Graduate Certificate

*These programs are inactive.

See the Academic Programs section of this catalog for program information and requirements.

Premedical, Predental, Preveterinary and Other Medically Oriented Professions

The Department of Biological Sciences can advise any university student interested in most of the medically oriented professions including medical, dental, veterinary, physical therapy, osteopathic, chiropractic, podiatry and physician's assistant programs. Pertinent information and guidance as to recommended courses for each area, professional schools' requirements, how to apply and how to prepare for the MCAT, DAT, VCAT and GRE, where applicable, is available at <http://maxguides.bridgew.edu/healthcareers>.

Prelaw

Advising for students considering entering law school after graduation is provided by Bridgewater State University. Law schools are generally seeking students with strong academic liberal arts backgrounds who have demonstrated a high degree of competence in their ability to write with clarity, reason logically and analyze complex ideas. While law students come from a variety of majors, it is useful to have a balanced curriculum with some preparation in history, English, government and philosophy. Students interested in a legal career should consult with Dr. Mark Kemper of the Department of Political Science or Dr. Aeon Skoble of the Department of Philosophy.

■ MANAGEMENT

Faculty

Chairperson: Associate Professor Peter Sietins

Graduate Program Coordinator: Professor Marian Extejt

Professors: Jon Bryan, Martin Grossman

Associate Professor: Stanley Ross

Assistant Professors: Christian Delaunay, Kelley Donalds, Kathleen Ferris-Costa, Jakari Griffith, Todd Harris, Deborah Litvin, Xiangrong Liu, Chien Wen Yu

Department Telephone Number: 508.531.1374

Location: Harrington Hall, Room 110

Website: www.bridgew.edu/management

Degree Programs

- BS in Management
Concentrations: General Management, Global Management, Information Systems Management, Marketing, Operations Management
- Master of Business Administration

Undergraduate Minor

- Management

Click on "Academic Programs" for program information and program requirements.

Bachelor of Science in Management

The management concentrations educate students for successful careers in business and management. The program provides general education, other liberal arts courses and specific management education for students with career interests in general business, marketing, global management, information systems, human resources and operations management.

With a curriculum embedded in a strong liberal arts framework, students learn how business decisions relate to society – culturally, economically, ethically and socially – while developing the skills and knowledge that will enable them to assume management responsibilities.

Students who enroll in the management program can gain experience through internships and courses that provide practical, on-the-job professional opportunities. These valuable learning experiences, coupled with the university's development as a regional resource for business and industry, offer students significant contact with business and management leaders.

Management majors have the flexibility to choose from among several concentrations. However, regardless of concentration, all management majors must take the management core courses.

Energy and Environmental Resources Management Concentration

This program is inactive.

Transportation Concentration

This program is inactive.

Honors Program

The Department of Management offers a departmental honors program in management. This program provides an opportunity for well-qualified management majors to conduct independent research and scholarly study in management. Contact the Department of Management for further information concerning eligibility and application.

Master of Business Administration

Bridgewater State University's MBA program is designed for professionals seeking to develop the advanced management and leadership skills to succeed in today's rapidly changing global environment. Our modern curriculum emphasizes business-specific knowledge including strategic thinking, decision making, written and oral communication and ethics.

▪ MATHEMATICS

Faculty

Chairperson: Associate Professor Rebecca Metcalf

Graduate Program Coordinator: Professor Uma Shama

Professors: Hang-Ling Chang, Mahmoud El-Hashash, Paul Fairbanks, Walter Gleason, Ward Heilman, I. Philip Scalisi

Associate Professors: Heidi Burgiel, Laura Gross

Assistant Professors: Jacqueline Anderson, Annela Kelly, Shannon Lockard, Vignon Oussa, Kevin Rion, Polina Sabinin, Matthew Salomone, Irina Seceleanu

Department Telephone Number: 508.531.1342

Location: Science and Mathematics Center, Room 431

Website: www.bridgew.edu/Math

Degree Programs

- BS in Mathematics
- MAT - Mathematics

Undergraduate Minors

- Actuarial Science*
- Mathematics

* Interdisciplinary Minor

Click on Academic Programs for program information and requirements.

Bachelor of Science in Mathematics

Since mathematics is both a cultural and a technical field of study, the curriculum is planned with the following objective:

- to introduce students to mathematics as an important area of human thought;
- to prepare students for careers in industry;
- to give preparation to students for graduate study in mathematics and related fields;
- to prepare students planning to teach mathematics at the secondary level;
- to serve the needs of students in fields which rely on mathematics, e.g., experimental sciences, social sciences and education.

Bachelor of Arts in Mathematics

This program is inactive.

Double Major with Elementary Education or Early Childhood Education

Students may choose a double major in mathematics and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Minor in Secondary Education (High School, Middle School, or PreK-12 Specialist)

Students may minor in secondary (high school, grades 8-12; middle school, grades 5-8; or PreK-12 specialist) education. Successful completion of this minor will lead to Massachusetts Initial Teacher Licensure. Please refer to the "Department of Secondary Education and Professional Programs" for specific teacher licensure and program requirements.

Honors Program

The honors program in mathematics provides highly motivated mathematics majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in mathematics. Contact the Department of Mathematics for further information concerning eligibility and application.

▪ MOVEMENT ARTS, HEALTH PROMOTION AND LEISURE STUDIES

Faculty

Chairperson: Associate Professor Deborah Sheehy

Graduate Program Coordinators:

Associate Professor Suanne Maurer-Starks (Athletic Training)

Associate Professor Karen Richardson (Health Promotion/Physical Education)

Professors: Edward Braun, Lydia Burak, Robert Haslam, Joseph Huber, Kathleen Laquale, Amos Nwosu, Ellyn Robinson, Pamela Russell

Associate Professors: James Leone, Maura Rosenthal

Assistant Professors: Daniel Chase, Robert Colandro, Mark Mattesi, Misti Neutzling, Kimberly Wise, Tong-Ching Wu

Department Telephone Number: 508.531.1215

Location: Tinsley Center, Room 232A

Website: www.bridgew.edu/mahpls

Degree Programs

- BA in Physical Education (awarded for completion of major core without a concentration)
- BS in Physical Education (awarded for completion of major core and selected concentration)
Concentrations: Coaching, Exercise Science/Health Fitness, Motor Development Therapy/Adapted Physical Education, Recreation, Recreation and Fitness Club Administration, Teacher Licensure in Physical Education PreK-8 and 5-12
- BS in Athletic Training
- BS in Health Studies
Concentrations: Community Health, School Health
- MEd in Health Promotion
- MS in Athletic Training
- MS in Physical Education
Concentrations: Adapted Physical Education and Sport, Applied Kinesiology, Human Performance and Health Fitness, Strength and Conditioning, Individualized Program

Postbaccalaureate Teacher Licensure Programs

- Physical Education
- Health (Health, Family and Consumer Sciences)

Undergraduate Minors

- Coaching
- Dance*
- Exercise Physiology
- Health Promotion
- Health Resources Management*
- Nutrition
- Recreation

*Interdisciplinary Minor

Click on Academic Programs for program information and requirements.

The Department of Movement Arts, Health Promotion, and Leisure Studies offers both undergraduate and graduate programs in the areas of athletic training, health studies and physical education. At the undergraduate level the department offers a major in physical education, which leads to a Bachelor of Science or Bachelor of Arts degree; a major in athletic training, which leads to a Bachelor of Science degree; and a major in health studies, with concentrations in community health and school health, which leads to a Bachelor of Science degree. In addition, minors in coaching, exercise physiology, health studies, health resources management, nutrition and recreation are also offered. A minor in dance is offered jointly by the Department of Movement Arts, Health Promotion and Leisure Studies and the Department of Theater and Dance, and a minor in health resources management is offered jointly by the Department of Movement Arts, Health Promotion and Leisure Studies and the Department of Management.

Graduate study offered by the department includes a program in the area of health promotion, which leads to a Master of Education in Health Promotion; a program in the area of athletic training, which leads to a Master of Science in Athletic Training; and a program in the area of physical education, which leads to a Master of Science degree in physical education. Postbaccalaureate programs for initial teacher licensure in physical education and health education are available and are described under the department's graduate programs.

Departmental Mission

The department promotes the acquisition of and application of knowledge for diverse populations in human movement (sport, fitness/exercise, dance), teaching physical education, health studies, recreation, coaching and athletic training. The department prepares athletic trainers; educators in health, physical education and adapted physical education; coaches; and fitness and recreation leaders who can provide qualified leadership in their respective fields and enhance quality of life by encouraging commitment to healthy lifestyle choices.

Departmental Objectives

- Provide a quality physical education program, supported by a foundation in the liberal arts, with seven concentrations providing advanced professional preparation.
- Provide quality physical education activity courses to assist students in developing lifetime activity patterns and to assist in professional preparation.
- Provide a quality health studies major program, including two concentrations, with courses that will prepare students to promote, maintain and improve individual and community health.

- Provide a quality athletic training major with courses that will prepare students to make successful contributions to the athletic training profession.
- Support an atmosphere of health and well being for all students.

Career Opportunities

Many career opportunities exist in the areas of Movement Arts, Health Promotion and Leisure Studies. These opportunities are tied to the majors-athletic training, health studies and physical education – and the concentrations within those majors where students are provided with the specific information and skills needed to apply knowledge in professional capacities.

Career opportunities for MAHPLS graduates abound in athletic settings, schools and hospitals, nonprofit organizations, and public or private community agencies and organizations.

The athletic training major is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The teacher preparation programs in health and physical education are accredited by the National Council for the Accreditation of Teacher Education (NCATE).

Bachelor of Arts/Bachelor of Science

The Department of Movement Arts, Health Promotion and Leisure Studies offers the physical education major an opportunity to seek a Bachelor of Arts or Bachelor of Science degree. In addition, a comprehensive health education major, leading toward a Bachelor of Science, may be selected. A Bachelor of Science in Athletic Training is also available.

Bachelor of Science — Physical Education

All students majoring in physical education and seeking a Bachelor of Science degree must complete a minimum of 120 credits required for graduation and must complete a designated area of study identified as a concentration. The department offers seven concentrations. Two of the concentrations lead to initial teacher licensure in physical education, one at the PreK-8 level and one at the 5-12 level. The other concentrations have been developed to prepare graduates to pursue career opportunities in community-based organizations such as business, industry, agencies and hospitals. These programs, which include field experiences in various settings in the community, have expanded the role of the professional in the fields of physical education and health promotion beyond the teaching environment in schools, thus preparing the graduate for new career opportunities.

Honors Program

The honors program in movement arts, health promotion and leisure studies provides highly motivated Movement Arts, Health Promotion and Leisure Studies majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in movement arts, health promotion or leisure studies. Contact the Department of Movement Arts, Health Promotion and Leisure Studies for further information concerning eligibility and application.

Postbaccalaureate Programs

The Department of Movement Arts, Health Promotion and Leisure Studies offers several programs designed to meet the needs of graduate students including: postbaccalaureate programs that allow students to apply for initial licensure as a Teacher of Physical Education (PreK-8 or 5-12) or Teacher of Health Education (PreK-12) and programs leading to the degrees of Master of Education in Health Promotion and Master of Science in Physical Education.

▪ MUSIC

Faculty

Chairperson: Professor Salil Sachdev

Graduate Program Coordinator: Assistant Professor Sarah McQuarrie-Sherwin

Professors: Jean Kreiling, Carol Nicholeris, Steven Young

Associate Professor: Deborah Nemko

Assistant Professor: Donald Running

Department Telephone Number: 508.531.1377

Location: Maxwell Library, Room 313A

Website: www.bridgew.edu/music

Degree Programs

- BA in Music
Concentration: Music Education
- MAT – Music

Undergraduate Minor

- Music

Click on Academic Programs for program information and requirements.

Bachelor of Arts

The Department of Music offers a major within the framework of a Bachelor of Arts degree. The overarching goal of the program is to provide a solid foundation in music history, theory and performance within a liberal arts context, and by so doing prepares students who wish to pursue a variety of interests, including further study in music and Massachusetts Teacher Licensure.

In addition, the Department of Music offers a minor for those students pursuing a BA or BS degree, as well as courses that satisfy the university-wide core curriculum requirements. Private instruction is given in piano, guitar, voice and orchestral and band instruments. A performance study fee is charged for these lessons. Performing organizations are also available for both singers and instrumentalists. A student wishing to major or minor in music should consult with the department chairperson as early as possible. Certain courses may be waived pending consultation with the Department of Music chairperson and/or completion of proficiency tests.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in music and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Minor in Education (All Levels)

Students minoring in education must refer to the "Department of Secondary Education and Professional Programs" for specific requirements, and consult with the Department of Music for additional information.

Honors Program

The honors program in music provides highly motivated music majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in music. Contact the Department of Music for further information concerning eligibility and application.

Postbaccalaureate Program: Initial Licensure - Teacher of Music

In conjunction with the College of Education and Allied Studies and the College of Graduate Studies, the Department of Music offers a postbaccalaureate program that qualifies a music graduate to obtain Massachusetts initial licensure as a teacher of music at the PreK-12 grade level (vocal, instrumental, general).

For additional current information concerning this program, contact the Department of Music.

■ PHILOSOPHY

Faculty

Chairperson: Professor Aeon Skoble

Professor: Catherine Womack

Associate Professors: William Devlin, Laura McAlinden

Assistant Professors: Matthew Dasti, Gal Kober, James Pearson

Department Telephone Number: 508.531.1379

Location: Tillinghast Hall, Room 340

Website: www.bridgew.edu/philosophy

Degree Program

- BA in Philosophy
Concentration: Applied Ethics

Undergraduate Minor

- Philosophy

Click on Academic Programs for program information and requirements.

The Department of Philosophy offers a major leading to the Bachelor of Arts degree. A minor in philosophy is also available. The program in philosophy provides a solid foundation for entry into careers such as law, journalism, college teaching, management, and medical ethics, as well as preparation for graduate work in philosophy and related disciplines.

The study of philosophy involves the development of a broad range of analytical, interpretive, evaluative and critical abilities as they are applied to a variety of theoretical and practical human concerns. Courses in the problems, history and methods of philosophy as a mode of critical thinking deal with questions about the priority of values; the status of knowledge, truth and consciousness; the nature of art, religion, science and politics.

The department offers numerous opportunities for students to excel, provides models of intellectual excellence, and fosters an atmosphere of mutual respect and open-mindedness. Faculty advisers work closely with students who wish to plan a course of study within the philosophy program. Academically talented students should contact the department chairperson for details about its honors program. Extracurricular activities include the Philosophy Club, which gives students from all majors a chance to discuss philosophical topics in an open and constructive manner. The club also sponsors the *Bridgewater Journal of Philosophy*, which publishes student research and essays.

Double Majors

Philosophy is an excellent double major in that it enriches the questions and theoretical orientation of any other discipline. Interested students, particularly those majoring in education, should contact the chairperson in order to discuss an individual program.

Philosophy Departmental Honors Program

The Philosophy Departmental Honors Program encourages students to excel in philosophy, to provide models and guidance for pursuing excellence, and to honor those students who demonstrate excellence. To be accepted into the departmental honors program, a student must be a philosophy major and fulfill the following criteria at the time of application to the philosophy honors program¹.

- A 3.3 GPA for all philosophy courses to be used toward a Bridgewater State University degree with a minimum of three philosophy courses completed²
- A 3.3 GPA for all completed course work to be used for a Bridgewater State University degree
- At least 60 credits completed toward an undergraduate degree

For additional information concerning the departmental honors program in philosophy, please contact the department chairperson.

The Department of Philosophy has a chapter of Phi Sigma Tau, the international honors society for philosophy. Membership is open, regardless of major, to sophomores and higher with a 3.0 average in two or more philosophy classes and a 3.2 cumulative GPA. Members receive a certificate and are eligible to wear a sash indicating membership as part of their graduation regalia.

¹Upon admission to the departmental honors program, a student's philosophy major adviser will assume responsibility for advising the student in respect to the honors program.

²Students entering the Honors Program at or near the minimum GPA for admission should be aware that achieving higher grades in future philosophy courses will be necessary in order to eventually reach the 3.5 GPA in philosophy required for completing the Honors Program.

Graduate Programs

The department does not currently offer a graduate program. However, philosophy courses at the 400 level, with the exception of PHIL 405, PHIL 450, PHIL 485 and PHIL 499, may be taken for graduate credit with the consent of the Department of Philosophy.

▪ PHYSICS

Faculty

Chairperson: Professor Thomas Kling

Graduate Program Coordinator: Professor Edward Deveney

Professors: Martina Arndt, Jeffrey Williams

Department Telephone Number: 508.531.1386

Location: Science and Mathematics Center, Room 201

Website: www.bridgew.edu/physics

Degree Programs

- BA in Physics
Concentration: General Physics
- BS in Physics
Concentration: Professional Physics
- MAT - Physical Science
- MAT - Physics

Undergraduate Minors

- Physics

Click on Academic Programs for program information and requirements.

The Department of Physics strives to provide students with the necessary skills and knowledge to pursue successful careers in research, teaching or further study in graduate programs. Programs in physics culminating in the degrees of Bachelor of Arts, Bachelor of Science and Master of Arts in Teaching are offered.

Bachelor of Arts/Bachelor of Science

The Department of Physics offers programs leading to the bachelor's degree in physics. A major in physics provides students with the necessary skills and knowledge to pursue successful careers in research, teaching, graduate and professional programs, industry, engineering and many other fields. Each student can plan a physics program with the help of a faculty adviser to meet specific future needs. The department also offers students opportunities in on-campus research and internships.

Students who are contemplating majoring in this department should be aware of the sequential nature of the course offerings. It is of prime importance that students consult with the chairperson of the department as soon as possible so that they can complete degree requirements in four years.

Physics Major

The Department of Physics offers two physics concentrations: a **professional physics concentration** and a **general physics concentration**. Both concentrations have a core set of eight physics courses along with cognate courses in mathematics and chemistry.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in physics and elementary education, early childhood education or special education for licensure purposes. Please contact the Department of Physics and the appropriate education department for further information.

Minor in Secondary Education (High School, Middle School or PreK-12 Specialist)

Students may minor in secondary (high school, grades 8-12; middle school, grades 5-8; or PreK-12 specialist) education. Successful completion of this minor, the program requirements of either a BA or BS in physics and PHYS 107 - Exploring the Universe will lead to Massachusetts Initial Teacher Licensure. Please refer to the "Department of Secondary Education and Professional Programs" for specific teacher licensure requirements.

Honors Program

The honors program in physics provides highly motivated physics majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in physics. Contact the Department of Physics for further information concerning eligibility and application.

Master of Arts in Teaching General Science

This program is inactive.

Master of Arts in Teaching Physical Science

The Master of Arts in Teaching degree in physics was developed for high school and middle school subject area teachers who have an initial license in and are seeking a professional license in the Commonwealth of Massachusetts. This MAT program is defined to meet the "appropriate master's degree" requirement, which is part of the criteria for professional stage licensure, as set forth in the most recent Massachusetts Department of Elementary and Secondary Education licensure regulations.

Students should consult the Graduate Academic Policies section of the catalog for information regarding graduate program policies and procedures.

▪ **POLITICAL SCIENCE**

Faculty

Chairperson: Professor George Serra

Graduate Program Coordinator: Associate Professor Deniz Leuenberger

Professors: Wendy Haynes, Shaheen Mozaffar

Associate Professors: Brian Frederick, Mark Kemper

Assistant Professors: Jordon Barkalow, Kevin Donnelly, Erica Frantz, Sandra Geissler Popiden

Department Telephone Number: 508.531.1387

Location: Summer Street House, Room 100

Website: www.bridgew.edu/polisci

Degree Programs

- BA in Political Science
Concentrations: American Politics, International Affairs, Legal Studies, Public Administration
- Master of Public Administration (MPA)
Concentrations: Civic and Nonprofit Leadership and Administration, Sustainable Community Development

Undergraduate Minors

- Civic Education and Community Leadership*
- Political Science

* Interdisciplinary minor

Click on Academic Programs for program information and requirements.

Bachelor of Arts

The department offers a Bachelor of Arts in Political Science including five programs of study in political science: a political science major (no concentration), a political science major (American politics concentration), a political science major (international affairs concentration), a political science major (legal studies concentration) and a political science major (public administration concentration).

The political science major (no concentration) offers students an understanding of governmental structures and political processes in their own country and in other parts of the world. This program provides a foundation for graduate work in political science, public administration and international affairs, for the study of law, and for professional careers in teaching and in the public and private sectors.

The political science major (international affairs concentration) offers students an understanding of the structures and processes that govern political and economic relations among global actors. This program provides a foundation for graduate work in international politics, international business and economics, international law and organization, and for a professional career in these fields.

The political science major (legal studies concentration) offers students a background for professional careers in the field of law. This program provides a foundation for law school and for paralegal studies.

The political science major (American politics concentration) offers students a broad understanding of American politics. The concentration is designed to provide strong undergraduate scientific education in preparation for entry into advanced degree programs and professional careers in public service, private institutions and political organizations in the United States.

The political science major (public administration concentration) prepares students for a career focus in the public and nonprofit sectors at the federal, state, and local levels. The concentration is designed for those students who wish to pursue a Master of Public Administration degree and/or a career in this field.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in political science and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Internship Program

An internship program in political science is available to all students, majors and nonmajors, who meet the program criteria. A wide range of assignments are available with federal, state and local governments and nonprofit organizations. Assignment to the internship program is based on application to and subsequent selection by the internship supervisor. Application procedures follow university policy (see section on "Internships" in the "Undergraduate Academic Experience" section of this catalog). To be eligible for an internship, a political science major or minor must have completed POLI 172 - Introduction to American Government and a 300-level political science course and must receive the consent of the internship supervisor. Non-political science majors and minors must have the approval of their major adviser and the political science internship supervisor and must have taken one political science course. Interns must have achieved at least a junior standing. Credits shall be limited to three unless more are approved by the Department of Political Science. However, only three credits may apply to the major or minor. It is recommended that those students with an interest in the program confer with the internship supervisor as soon as possible in the semester before their proposed internship.

Honors Program

The honors program in political science provides highly motivated political science majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in political science. Contact the Department of Political Science for further information concerning eligibility and application.

Pi Sigma Alpha

The Department of Political Science has a chapter (the Pi Upsilon Chapter) of Pi Sigma Alpha, the national political science honor society. Each year, the political science faculty selects and invites political science majors who are juniors and seniors and who have demonstrated outstanding academic accomplishments to join. Each initiate receives an inscribed certificate of membership.

Master of Public Administration

The Department of Political Science offers the Master of Public Administration (MPA) degree. The MPA program provides professional education to prepare persons for leadership roles in public administration and public affairs at the federal, state and local levels with flexible career opportunities in both the public and nonprofit sectors.

The MPA is accredited by the National Association of Schools of Public Affairs and Administration.

Concentrations

There are two areas in which MPA candidates may concentrate: elective courses are available in each of the areas. As an alternative to earning a degree within a concentration area, students may pursue a generalist MPA track. For students seeking to earn a degree in a concentration, a minimum of two elective courses must be taken in the substantive area. Each concentration also carries two additional required courses. The substantive concentration areas are as follows:

- Civic and Nonprofit Leadership and Administration
- Sustainable Community Development

An additional three hours must be taken in three one-credit professional development modules.

Distinctive Features of the Program

- Professional Development Modules

The program requires that students register for a minimum of three one-credit modules, offered each semester on topics of special relevance to public service. Normally these modules are taught on Saturdays during the semester.

- Internships

A six-credit internship experience (depending upon professional experience) at the local, state or federal level is required for all preprofessional students and will be available as an elective for those professionals who wish to enhance their background.

■ PSYCHOLOGY

Faculty

Chairperson: Professor Sandra Neargarder

Graduate Program Coordinator: Professor John Calicchia

Professors: Elizabeth Englander, Margaret Johnson, Orlando Olivares, Susan Todd

Associate Professors: Jonathan Holmes, Jeffrey Nicholas, Elizabeth Spievak

Assistant Professors: Janessa Carvalho, Tina Jameson, Michelle Mamberg, Brendan Morse, Laura Ramsey, Amanda Shyne, Melissa Singer, Caroline Stanley

Department Telephone Number: 508.531.1385

Location: Hart Hall, Room 315

Website: www.bridgew.edu/psychology

Degree Programs

- BS in Psychology
- MA - Psychology

Undergraduate Minor

- Psychology

Click on Academic Programs for program information and requirements.

Bachelor of Science

The objectives of the Department of Psychology are to 1) provide all students with an understanding of psychology and what psychologists do; 2) give students (where applicable) a background in psychology that will help them do their jobs better; 3) give our terminal majors sufficient training to enhance their opportunities for vocational placement in psychology-related occupations; 4) give our majors who intend to become professional psychologists sufficient preparation to permit them to be competitive in achieving admission to and success in graduate school.

Note: The Bachelor of Arts in Psychology is inactive.

Double Major with Elementary Education, Early Childhood Education and Special Education

Students may choose a double major in psychology and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Honors Program

The honors program in psychology provides highly motivated psychology majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in psychology. Contact the Department of Psychology for further information concerning eligibility and application.

▪ SCHOOL OF SOCIAL WORK

Faculty

Chairperson: Associate Professor Arnaa Alcon

Graduate Program Coordinator: Professor Mark Brenner

Professors: Beverly Lovett, Anna Martin-Jerald

Associate Professors: Reshawna Chapple, Emily Douglas, Karen Fein, David O'Malley

Assistant Professors: Kathleen Bailey, Barbara Bond, Laura Boutwell, Jonghyun Lee, Hadidja Nyiransekuye, Jing Tan, Judith Willison

Department Telephone Number: 508.531.2773

Location: Burrill Office Complex

Website: www.bridgew.edu/socialwork

Degree Programs

- BS in Social Work
- MSW Social Work

Undergraduate Minor

- Social Welfare

Click on Academic Programs for program information and requirements.

Bachelor of Science

The School of Social Work offers an undergraduate program leading to the Bachelor of Science degree. A minor in social welfare is also available. The curriculum is designed to prepare students for beginning generalist professional practice in social work and other human service fields. Students learn social work methods, theories, values and ethics for practice with various populations and, especially, with the region's diverse and vulnerable populations. The program builds on a liberal arts perspective, providing students with a foundation for critical thinking, effective communication and ethical behavior that will be of daily importance to them in professional practice.

Career opportunities are vast and varied and include positions in child protective services, juvenile justice and mental health; domestic abuse, family court and probation; residential settings in chronic care and elder services. Social work majors also complete the program well prepared for graduate study and may be eligible for consideration for advanced standing at some graduate schools of social work. The university's programs within the School of Social Work, both the BS and MSW degrees, are accredited by the Council on Social Work Education, allowing graduates to apply for social work licensure in Massachusetts at the licensed social worker (LSW) level after completing their bachelor's degree and at the LCSW level after completing their MSW degree.

The program integrates theory with field experience through three required courses held in conjunction with a variety of community social service agencies. SCWK 250 - Introduction to Social Welfare acquaints students with the field as they participate in 30 hours of community service in a social service agency. In SCWK 338 - Introduction to Social Work Practice, students spend a minimum of 90 hours during one semester at an agency learning how it functions and about the professional roles of social workers. This course lays the foundation for the senior year field experience course (SCWK 498). The field experience meets from September through May and entails a minimum of 410 hours under the supervision of a professional social worker at the Master of Social Work level. Each of these courses is described in detail in the "Course Descriptions" section of this catalog.

Bachelor of Arts in Social Work

This program is inactive.

Honors Program

The honors program in social work provides highly motivated social work majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in social work. Contact the School of Social Work for further information concerning eligibility and application.

Master in Social Work

Mission

The mission of the MSW program at Bridgewater State University is to prepare advanced practitioners who will enhance the lives of individuals, families and communities of southeastern Massachusetts, address regional needs, and promote social justice. The program prepares culturally sensitive advanced professionals who are grounded in strengths-based, biopsychosocial practice models. Emphasis is placed upon systems across multiple levels in order to identify what can be done to affect change and strengthen relationships among individuals, families and communities to promote optimal functioning. The program educates professionals who, knowledgeable in social work's history, purposes and philosophy, integrate the values of the profession into an ethical approach to all professional activities at an advanced level of knowledge and skill.

▪ **SECONDARY EDUCATION AND PROFESSIONAL PROGRAMS**

Faculty

Chairperson: Associate Professor Theodore Mattocks

Graduate Program Coordinators:

Professor John-Michael Bodi (Master's Core Courses)

Associate Professor Thomas Brady (Accelerated Postbaccalaureate and Postbaccalaureate Programs)

Professor Anne Hird (Instructional Technology)

Associate Professor Theodore Mattocks (Educational Leadership)

Professor: Thanh Nguyen

Associate Professors: Bennie Agbarha, Phyllis Gimbel, Stephen Nelson, Lynne Yeaman

Assistant Professor: Sarah Thomas

Department Telephone Number: 508.531.1320

Location: Tinsley Center, Room 214

Website: www.bridgew.edu/seconded

Degree Programs

- MAT - (High School/Middle School) (Professional Licensure)
Areas: biology, creative arts, English, history, mathematics, music, physical science, physics
- MEd in Educational Leadership (Principal/Assistant Principal, School Business Administrator, Supervisor/Director) (Initial Licensure)
- MEd in Educational Leadership (Non-licensure)
- MEd in Instructional Technology (Non-licensure)

Postbaccalaureate Licensure Programs

- Secondary Education (High School/Middle School, PreK-12 Specialist)
Areas: biology, chemistry, dance, earth sciences, English, history, mathematics, music, physics, Spanish, theater, visual art
- Educational Leadership (Principal/Assistant Principal, School Business Administrator, Supervisor/Director) (Initial Licensure)

- Instructional Technology (All Levels)

Postmaster's Licensure Program

- Educational Leadership (Principal/Assistant Principal, School Business Administrator, Special Education Administrator, Superintendent/Assistant Superintendent, Supervisor/Director) (Initial Licensure)

Certificate of Advanced Graduate Study Programs (CAGS)

- Educational Leadership (Principal/Assistant Principal, School Business Administrator, Special Education Administrator, Superintendent/Assistant Superintendent, Supervisor/Director) (Initial Licensure)
- Educational Leadership (Non-licensure)

Undergraduate Minors

- Secondary Education – High School (Areas: biology, chemistry, earth sciences, English, history, mathematics, physics)
- Secondary Education – Middle School (Areas: biology, chemistry, earth sciences, English, history, mathematics, physics)
- Secondary Education – Middle-High School (Areas: Spanish, visual art)
- Secondary Education – PreK-Middle School (Area: visual art)
- Secondary Education – PreK-High School (Areas: dance, health/family and consumer science, music, theater)

Click on Academic Programs for program information and requirements.

All courses are structured to address the transition toward the contemporary concerns of human development, diversity, equity and ethics. The learner is regarded as one who has an active role in constructing his/her knowledge base, values and attitudes. The varied cultural backgrounds of students and teachers are seen as a positive context in which one can listen, consider and learn. The department sees its role as interactive with other education departments and with the university's colleges addressing joint missions and fostering the development of curriculum, methodologies and perspectives that enhance the individual and society.

All students who intend to become licensed educators must apply for admission and be accepted into professional education through the College of Education and Allied Studies. All students seeking licensure must consult the section of this catalog entitled "College of Education and Allied Studies" for information pertaining to the state regulations for the licensure of educational personnel and important institutional deadlines.

Students in any program offered in the Department of Secondary Education and Professional Programs who have identified needs in written or spoken use of the English language will be referred to the BSU Writing Studio for assistance. Such referrals to the Writing Studio may be repeated until student proficiency in the use of the English language is at a level deemed acceptable for students in SEPP programs.

Students are advised to check the secondary education and preprofessional programs website periodically at www.bridgew.edu/seconded/.

Instructional Media Minor

This program is inactive.

Graduate Programs

The Department of Secondary Education and Professional Programs offers several programs designed to meet the needs of graduate students.

An Accelerated Postbaccalaureate licensure program (APB) leading to initial licensure in designated high school (8-12), middle school (5-8), and PreK-12 special subject areas is offered.

A Master of Arts in Teaching (MAT) degree program, in conjunction with several of the arts and sciences departments of the college, designed for secondary school teachers who have an initial license and are seeking a professional license is offered.

In addition, the department offers the degree of Master of Education (MEd) in educational leadership and instructional technology.

A Certificate of Advanced Graduate Study (CAGS) in education with a focus on educational leadership is offered.

Master of Arts in Teaching (Professional Licensure)

The Master of Arts in Teaching degree was developed for high school and middle school subject area teachers who have an initial license and are seeking a professional license in the Commonwealth of Massachusetts. The MAT program is designed to meet the "appropriate master's degree" requirement, which is part of the criteria for professional stage licensure, as set forth in the most recent MA DESE licensure regulations. This degree program will also appeal to secondary school teachers who already hold a standard level or professional license and want to acquire additional knowledge and a master's degree in the discipline.

Applicants not holding a bachelor's degree in the content area being pursued for the MAT are subject to a transcript review to determine whether additional content course work will be required as program prerequisites.

MATs are available in the following areas:

Biology
Creative Arts
English
History
Mathematics
Music

Physical Science

Physics

Students should consult the "Graduate Academic Policies" and the "Academic Programs" section of this catalog for information regarding graduate program procedures and program requirements.

Educational Leadership Graduate Program

LEAD: Leading Educators through Administrative Development

The LEAD program is an accelerated initial licensure program designed to accommodate people of varied backgrounds, prior experience and abilities who are interested in becoming school administrators. The program incorporates a team approach to prior learning assessment and administration preparation, a flexible continuum of learning experiences and an induction and mentoring program to support and retain administrators.

Library Media Graduate Program

This program is inactive.

Postmaster's Licensure in Instructional Technology

This program is inactive.

▪ **SOCIOLOGY**

Faculty

Chairperson: Professor Patricia Fanning

Professors: Walter Carroll, Fang Deng, Kim Mac Innis

Associate Professor: Jodi Cohen

Assistant Professors: Norma Anderson, Kimberly Fox, Colby King, Eduardo Perez

Department Telephone Number: 508.531.1355

Location: Hart Hall 215

Website: www.bridgew.edu/sociology

Degree Program

- BA in Sociology
Concentrations: City, Community and Region; Education; Global Studies and Social Justice

Undergraduate Minor

- Sociology

Click on Academic Programs for program information and requirements.

The Department of Sociology offers a major program in sociology and a minor in sociology. Sociology majors may concentrate in City, Community and Region; Education; or Global Studies and Social Justice. Students may also combine a major in sociology with an education major.

The department provides a strong liberal arts curriculum aimed at developing well-rounded, informed citizens with strong critical thinking abilities. Department programs also impart skills to students, preparing them for a wide range of professions. Career options include positions in the criminal justice system, education, research, industry, state and federal agencies, and non-profit organizations. The department encourages students to continue on to graduate study.

Many department faculty members engage in research and the department encourages student-faculty collaborative research. Students may also carry out internships.

Sociology

The Bachelor of Arts degree in sociology is the scientific study of human social relationships. It allows individuals to understand the connections between their own experiences and the society in which they live. In carrying on social life, human beings interact with each other and construct patterns of relationships, groups, classes, institutions and societies. Individuals shape those patterns and those patterns, in turn, shape individuals and their lives. In fact, the central insight of sociology is that social relationships and social interactions shape human behavior, attitudes and resources.

Sociology courses provide students with an understanding of how these social relationships arise, why they persist, what effects they have, and how they maintain social order or contribute to social change. Students learn the theories and research methods used in sociology. Students have opportunities to engage in collaborative research with faculty members or to participate in internships. These opportunities enable students to deepen and apply what they have learned in classes and enhances their opportunities in the labor market or in graduate school.

Bachelor of Science in Sociology

This program is inactive.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in sociology and elementary education, early childhood education or special education for licensure purposes. Appropriate advising materials with suggested course sequences are available.

Honors Program

The honors program in sociology provides highly motivated sociology majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree. Contact the Department of Sociology for further information concerning eligibility and application.

Overseas Study Opportunities

The Department of Sociology urges its majors and minors to study abroad, both via Bridgewater State University sponsored study tours and as exchange students at universities. The Office of Study Abroad can assist students. Any student contemplating study abroad should consult the department with all pertinent documentation. Final acceptance of credit will be determined upon receipt of official transcripts and supporting material and, in some cases, may not be equivalent to the credits earned in a regular semester or year at Bridgewater State University.

▪ **SPECIAL EDUCATION AND COMMUNICATION DISORDERS**

Faculty

Chairperson: Professor David Almeida

Communication Disorders Program Coordinator: Professor Sandra Ciocci

Graduate Program Coordinator: Assistant Professor J. Edward Carter

Professors: Jeri Katz, Robert MacMillan

Associate Professors: Delayne Connor, Mary Connor, Kenneth Dobush

Assistant Professors: Ahmed Abdelal, Suzanne Miller

Department Telephone Number: 508.531.1226

Location: Hart Hall, Room 218

Website: www.bridgew.edu/speced

Degree Programs

- BSE in Special Education
Concentration: Communication Disorders
- BSE in Special Education
Concentration: Teacher of Students with Moderate Disabilities PreK-8 or 5-12
- BSE in Special Education
Concentration: Teacher of Students with Severe Disabilities - All Levels
- BSE in Elementary Education/MEd in Special Education (Teacher of Students with Moderate Disabilities PreK-8) Dual License program
- MEd in Special Education (Initial Licensure, Teacher of Students with Moderate Disabilities PreK-8 or 5-12)
- MEd in Special Education (Initial Licensure, Teacher of Students with Moderate Disabilities, PreK-8) for Elementary and Early Childhood Teachers
- MEd in Special Education (Initial Licensure, Teacher of Students with Severe Disabilities - All Levels)
- MEd in Special Education (Non-Licensure)
- MEd in Special Education (Partial Fulfillment of Professional Licensure, Teacher of Students with Moderate Disabilities PreK-8 or 5-12)
- MEd in Special Education (Partial Fulfillment of Professional Licensure, Teacher of Students with Severe Disabilities - All Levels)

Postbaccalaureate Licensure Programs

- Special Education (Initial Licensure, Teacher of Students with Moderate Disabilities PreK-8 or 5-12)
This program is inactive.
- Special Education (Initial Licensure, Teacher of Students with Severe Disabilities - All Levels)
This program is inactive.

Undergraduate Minors

- Communication Disorders
- Inclusive Practices in Special Education and Communication Disorders
- Professional Practices in Special Education and Communication Disorders

Click on Academic Programs for program information and requirements.

Bachelor of Science in Education

Special Education

The Department of Special Education and Communication Disorders offers undergraduate programs designed for students interested in obtaining Massachusetts initial licensure as a Teacher of Students with Disabilities and a program in preprofessional studies in communication disorders.

Majors in Special Education

The programs have been designed in accordance with Massachusetts Department of Elementary and Secondary Education standards and include license reciprocity with signatory states under the Interstate Certification Compact. Programs meet standards of the Council for Exceptional Children (CEC). The College of Education and Allied Studies is accredited by the National Council for the Accreditation of Teacher Education (NCATE).

Departmental Honors Program in Special Education

The Department of Special Education and Communication Disorders offers a departmental honors program in special education. This program provides an opportunity for well-qualified special education majors to conduct independent research and scholarly study in special education. Contact the Department of Special Education and Communication Disorders for further information concerning eligibility and application.

Communication Disorders

The department offers a preprofessional program in communication disorders for students interested in preparation for graduate study in speech-language pathology and/or audiology.

Specific information is available from the Department of Special Education and Communication Disorders. Contact Dr. Sandra Ciocci at 508.531.2628 or sciocci@bridgew.edu.

Graduate Programs

Special Education

At the graduate level the Department of Special Education and Communication Disorders offers several programs designed to meet the needs of graduate students. Contact Dr. Edward Carter at 508. 531.2507 or edward.carter@bridgew.edu for specific information. An additional resource is located on Moodle at www.bridgew.edu. Username and password: special programs.

For information regarding graduate program application procedures and admission standards, students should consult the "Graduate Academic Policies" section of this catalog.

Students seeking initial licensure should consult the section of this catalog entitled "College of Education and Allied Studies" for professional education admission and retention information and important institutional deadlines.

Candidates who have enrolled in appropriate course work prior to admission are limited in the number of credits (six) that can be applied to their degree. Therefore, candidates are urged to complete the application for graduate admission as soon as possible. For details regarding transfer credit consult the "Admission-Graduate" section of this catalog.

Communication Disorders Concentration

The graduate-level concentration in communication disorders is presently inactive. For further information, contact the communication disorders program coordinator.

Concentration in Bilingual Special Education

The concentration in bilingual special education is presently inactive. For further information, contact the special education program coordinator.

■ THEATER AND DANCE

Faculty

Chairperson: Professor Nancy Moses

Professors: Arthur Dirks, James Quinn, Suzanne Ramczyk

Associate Professor: Jody Weber

Assistant Professors: Colleen Rua, Jennifer Sarver

Department Telephone Number: 508.531.2193

Location: Rondileau Campus Center, Room 018

Website: www.bridgew.edu/theaterdance

Degree Program

- BA in Communication Studies
Concentrations: Dance Education, Theater Arts, Theater Education

Undergraduate Minors

- Dance*
- Theater Arts

*Interdisciplinary minor

Click on Academic Programs for program information and requirements.

The Department of Theater and Dance is committed to educating students in two significant art forms. Upon completing a program in theater or dance, students are prepared to engage in theater and dance throughout their lives, to pursue advanced study in the art forms or to begin a career in theater or dance.

The theater program emphasizes a comprehensive theater program within the liberal arts context. Students pursue a systematic course of study in performance, production, management, history, literature and criticism, which are enhanced by opportunities to participate in either performance or production in the department's theater season.

The theater education program combines the content of the theater program with additional learning to support Standard I requirements for licensure to teach theater in public schools in Massachusetts.

The dance program offers a wide variety of dance technique training and a solid theoretical foundation for performance and choreography. In addition, the program offers an emphasis on dance pedagogy in either the private or public sector. The program fulfills Standard I requirements for licensure for dance in the public schools in Massachusetts.

Bachelor of Arts

Students majoring in this department may choose one of three concentrations: dance education, theater arts or theater education. Also see the catalog section "Interdisciplinary and Preprofessional Programs" and consult the department for information on the interdisciplinary dance minor.

Dance Education and Theater Education Concentrations

These concentrations are liberal arts programs within the major of communication arts and sciences dealing with the subject areas of dance and theater arts. They are designed to meet the subject matter knowledge requirements for Massachusetts licensure in the fields of dance and theater.

Those students in the program who choose to seek initial Massachusetts licensure at either the undergraduate or postbaccalaureate levels must also complete an additional 24 credits in education and gain admittance to the professional education program. Upon successful completion, the student will be licensed to teach theater or dance in Massachusetts public schools grades PreK-12.

Double Major with Elementary Education, Early Childhood Education or Special Education

Students may choose a double major in communication studies with a concentration in theater arts, dance or theater education and another in elementary education, early childhood education or special education. Please contact the Department of Theater and Dance and the appropriate education department for further information.

Honors Program

The honors program in theater arts provides highly motivated communication studies and theater arts majors with opportunities to enhance their academic program through intensive scholarly study and research designed to be of assistance in postgraduate employment or in the pursuit of an advanced degree in theater and dance. Interested students should contact the Department of Theater and Dance for further information concerning eligibility and application.

Activities and Productions

The program of theater and dance presents six mainstage productions annually in the 1400-seat Rondileau Campus Center auditorium. The productions usually include two plays, a musical, an experimental work, and two dance concerts. Any interested student is invited to audition for productions.

Several student clubs are actively engaged in cocurricular activities supportive of the academic programs in the department.

The Ensemble Theater sponsors and produces student-directed studio productions, workshops, and social and educational activities. It is open to all students interested in theater.

The BSU Dance Company is open to all and produces a student concert every year called Dance Pops. It also sponsors master classes and social and educational activities dealing with dance.

The Student Chapter of the National Dance Education Organization at BSU introduces dance students to a professional organization that supports dance education in all its forms.

Students may also receive academic credit in the department for active participation in dance or theater – see course descriptions for more information on the following courses:

DANC 140 - Dance Technical Practicum

DANC 155 - Dance Practicum

DANC 359 - Dance Ensemble Practicum

THEA 140 - Theater Performance Practicum

THEA 170 - Technical Theater Practicum

THEA 172 - Theater Costume Practicum

THEA 185 - Theater Management Practicum

Note: A maximum of six credits in the above courses may be applied toward graduation.

Master of Arts in Teaching Speech Communication and Theater

This program is inactive.