

HEALTH SCIENCES ACADEMY



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Preparing
the Skilled,
Compassionate
Health Care
Professionals of
Tomorrow

Academies

At MassBay, we have more than 70 degree and certificate programs, which is a lot to choose from. To make your choice easier, we have grouped all of our programs into seven “Academies,” each of which represents a broad area of study. When you choose a program, you also will be a member of an Academy. Think of your Academy as a community of professors and students who share your interests and goals, and who will support you in your academic journey at MassBay.



The Academy Advantages

- Membership in a community of learners where students and faculty support one another.
- The opportunity to explore many certificate or degree programs of interest to you to create your best future.
- A dedicated advisor who will help you develop a plan to achieve your goals and guide you along the way.
- A focus for your time and efforts.

MassBay Quick Facts:

- MassBay enrolls more than 4,500 full and part-time students each year.
- More than 70 associate and certificate programs offered through seven Academies.
- Small class sizes, averaging 17 students per class.
- Half of MassBay students receive financial aid and/or scholarship funds, and all are offered 1:1 financial aid guidance and counseling.
- 25% of MassBay students transfer to four-year universities to continue their education.
- Twenty-two student clubs, 12 men and women varsity athletics teams and intramural sports, and countless opportunities for leadership.



EXPLORE HEALTH SCIENCES

Is the Health Sciences Academy a good choice for you? Consider these questions:

- Are you curious about how the human body works?
- Would you like to learn how high fidelity and digital equipment is used to determine the source of health problems?
- Are you emotionally strong, capable of empathy for others while controlling your own feelings?
- Are you detail-oriented, diligent, and willing to work non-traditional hours as part of a team?
- Do you have excellent communication skills?

If you answered **YES** to all of these questions, **read on to learn more** about our popular program options!



Healthcare professionals are in demand! More than half of the 20 fastest-growing occupations over the next decade are healthcare-related.

Based on projections for 2020-2030 from the U.S. Bureau of Labor Statistics, **healthcare support occupations is the fastest growing occupational group in America!** The need for many healthcare professionals, including nursing assistants, home health and personal aides, and other healthcare support workers is expected to grow by 23.1%. MassBay's Health Sciences Academy provides a convenient and affordable first step towards a career that is both emotionally and financially rewarding.

Our Health Sciences Academy programs will fast-track your success! In addition to offering associate degrees in Nursing, Surgical Technology and Radiologic Technology, the Health Sciences Academy offers nine certificate programs that provide you with the skills and credentials you need for good jobs in the emerging health care field - some of which can be completed in one year or less.

Many students in the MassBay Health Sciences Academy receive job offers before they complete their program!

Health Sciences Academy Associate Degree Options

Nursing

Nurses play a crucial role in the health care system by providing and coordinating patient care, administering patients' medicines and treatments, setting up care plans, consulting and collaborating with doctors and other healthcare professionals, educating patients and their families about how to manage illnesses or injuries, and by providing advice and emotional support to patients and their families.

MassBay Associate Degree in Nursing students receive classroom instruction, hone their skills and techniques in state-of-the-art laboratories, and get real work experience in area hospitals and health care facilities with hands-on clinical practicums. This is a full-time, daytime, two-year program with clinicals beginning in the 2nd semester. Licensed Practical Nurses (LPNs) and Paramedics may qualify to enroll as Advanced Placement students in the second semester.

Upon completion, students are prepared to take the NCLEX - National Council Licensure Examination.

Radiologic Technology

Help identify health issues by providing diagnostic imaging services to patients in hospitals, clinics, private imaging centers, and medical offices. Instruction for this program includes classroom, laboratory, and hands-on experience working in clinical settings. Upon completion, graduates are able to seek Massachusetts State Licensing and take the American Registry of Radiologic Technologists Examination. Flexible scheduling includes a full-time day option or two years of evening classes prior to clinical placements in the third year.



Surgical Technology

MassBay's Associate Degree in Surgical Technology program prepares students to function as a key member of a surgical team, assisting surgeons, anesthesiologists, and attending nurses. This program includes instruction in the classroom, laboratory, and clinical practicum settings (typically endoscopic or obstetric). The study of operating room technology is planned sequentially, allowing students to synthesize all previous instruction for successful operating room practice. Graduates are prepared to take the National Board of Surgical Technology and Surgical Assisting Association (NBSTSA) Certifying Examination.



Health Sciences Academy

Certificate Program Options

Most certificate programs focus on building specific skills without requiring the general academic coursework required for an associate degree. **Certificates take less than two years to complete and may take as little as one semester.**

Computed Tomography

This advanced certificate prepares those already working as licensed technologists (diagnostic x-ray, nuclear medicine, radiation therapy) take for the national Computer Tomography (CT) Registry Exam. This flexible program is offered with hybrid instruction (remote and online) and can be completed in just two semesters. Students can opt for a hands-on clinical experience as well.

Medical Assistant

This program prepares students for a sustainable and rewarding career in healthcare, as an integral part of a dynamic, patient-centered team. A 26-credit, two-semester hybrid program, lecture classes are online, lab and clinical are face-to-face. The program offers training in blood drawing (phlebotomy) EKGs, injections, vital signs and blood pressures, and pharmacology. Training in clinical, laboratory, and administrative skills prepares students for entry level employment in a hospital, doctor's office, rehabilitative center, or any medical specialty facility.

Medical Coding

Do you have great attention to detail and want to help other people? The Medical Coding program is a fully online, two-semester, 27-credit program. Students are trained in medical terminology, medical office administrative practices (in-patient and out-patient), medical coding, regulatory and ethical issues, records management, and insurance and billing practices. Graduates of the MassBay Medical Coding program are eligible for certification credentials from multiple organizations, and employers offer the option of working from home.

Medical Office Administrative Assistant

This two-semester program provides hands-on training in the administrative procedures and computer usage necessary to support a variety of healthcare settings (medical clinics, physician practices, hospital-based practices, and health-related businesses). MassBay's Medical Office Administrative Program Assistant includes a clinical observation component in a physician's office or healthcare facility. Demand for medical office assistants is expected to increase by almost 30% by 2026.

Paramedicine

Day and evening options available

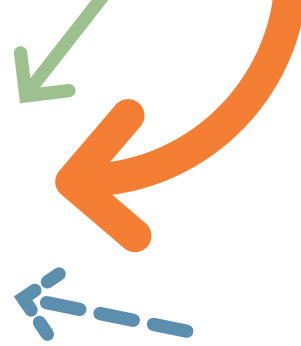
Paramedics provide the most advanced level of pre-hospital emergency care for critically ill or injured patients. Instruction for this program - three semesters for the day option and four semesters for the evening option - includes a mix of classroom, hands-on laboratory, simulation in our high fidelity accredited simulation center, hospital, and field (ambulance) experiences. This program will provide you with the knowledge and skills to lead first responder teams and to safely and efficiently transfer patients to emergency room personnel at medical facilities.

Practical Nursing

This program prepares students to become Licensed Practical Nurses (LPN). LPNs are trained to work in a variety of healthcare settings, including hospitals, clinics, home health and community health centers, and long-term care facilities. MassBay's 10-month Practical Nursing program begins each fall, goes through winter intersession and spring semester, and ends mid-summer. It is an hours-based program accredited by ACEN and approved by the Massachusetts Board of Registration in Nursing.



**The following
programs can be
completed in one
semester!**



Central Processing Technology

Central Services Technicians ensure healthcare services are provided efficiently and safely. They are responsible for making sure equipment and supplies are sterile, correctly packed, and delivered to the operating room on time. Instruction includes classroom and lab work, with clinical experiences in the field starting in week three. This evening program prepares students to work in hospitals, physician/dentist offices, biotech, veterinary hospitals, and surgical centers.

Emergency Medical Technician (EMT)

EMTs are first responders, performing patient interventions with the medical equipment typically found on an ambulance. Instruction in this program is a blend of classroom, skills and simulation labs with an introductory clinical/field experience. Day and evening programs are available. Graduates are eligible to take the National Registry of EMTs (NREMT) certification exams, and to seek certification in Massachusetts (and most other states).

Phlebotomy

Blood is the body's most important life source. Phlebotomists draw blood samples and prepare them for laboratory testing, playing a critical role in determining patient health and wellness. This one-semester evening program includes a clinical practicum and prepares students for work in hospitals, physician offices, surgical and urgent care centers, and independent laboratories.



***"I am so glad I chose
MassBay. The guidance,
instruction, and
assistance I have received
has been awesome,
as were the hands-on
experiences I had working
at MetroWest Medical
Center and Brigham &
Women's in Boston."***

**- Emily Heno, A.S.,
Radiologic Technology, 2019**

Introducing the brand new MassBay Center for Health Sciences, Early Childhood, and Human Services

490 Franklin Street, Framingham

- Spring 2024 opening
- 68,500 square feet; \$58 million
- Contains the only accredited Simulation Center in MetroWest
- The new MetroWest hub for technology-enabled health care training



Important MassBay Resources

Academic Achievement Center (AAC)

aac@massbay.edu
Wellesley Hills: 781-239-2620
Framingham: 508-270-4213

Academic & Transfer Advising Center

advisingcenter@massbay.edu
Wellesley Hills & Framingham: 781-239-2775

Admissions Office

admissions@massbay.edu
Wellesley Hills: 781-239-2500
Framingham: 508-270-4059

Accessibility Resources

aac@massbay.edu
Wellesley Hills: 781-239-2234
Framingham: 508-270-4267

Financial Aid Office

finaid@massbay.edu
Wellesley Hills: 781-239-2600
Framingham: 508-270-4010

Office of the Registrar

registrar@massbay.edu
Wellesley Hills: 781-239-2550
Framingham: 508-270-4050

Placement Testing

aac@massbay.edu
Wellesley Hills & Framingham: 781-239-2620

Student Accounts Office

studentaccounts@massbay.edu
Wellesley Hills & Framingham: 781-239-2540

Student Development

studentdevelopment@massbay.edu
Wellesley Hills: 781-239-3142
Framingham: 508-270-4014

Student Orientation and Registration (SOAR)

soar@massbay.edu
Wellesley Hills & Framingham: 781-239-2721

Veterans and Military Services

All campuses: 781-239-3142
www.massbay.edu/veterans

Wellesley Hills Campus Bookstore

Wellesley Hills: 781-239-2650
www.massbayshop.com

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for thousands of students each year!*

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