

Paramedicine–Day Option Certificate

DIVISION OF HEALTH SCIENCES

FALL SEMESTER START

The Paramedicine program prepares students to become members of the health care team and function as paramedics in a variety of different settings. The philosophy and structure of this program are parallel to those of the National EMS Education Standards and the National Scope of Practice Model for the Paramedic. This program provides students with a working knowledge of the concepts and skills requisite to caring for patients with acute and critical illness with the respect to all body systems. Students will learn how to recognize signs and symptoms that pertain to the infant, child, adolescent, adult, and geriatric age groups. Students practice current techniques to care for all patients with acute medical problems as well as trauma situations. The curriculum combines didactic, laboratory, and clinical experience as well as a field internship to provide students with the skills required to prepare for certification and practice.

Graduates are eligible to take the National Registry of EMT Paramedics Certification Examination.

MassBay's Paramedicine Program is accredited by the Massachusetts Department of Public Health: Office of Emergency Medical Services.

ADMISSION REQUIREMENTS

Applicants seeking admission to health profession programs will be evaluated on an individual basis. Students seeking admission to the Paramedicine program will be evaluated by GPA and total number of college-level credits completed at MassBay. Priority for admission is given to current MassBay students. Applicants must also meet all other required course prerequisites for the program. Minimum eligibility for admissions to this program includes:

- High school diploma or equivalent, or Associate Degree or higher
- 18 years of age at time of the National Registry of EMTs Paramedic certification examination.
- Current Massachusetts EMT or NREMT certification.
- Current CPR certification (AHA BLS or ARC Professional Rescuer).
- MassBay Placement into College Writing (EN 100) or completion of Intro to Language (EN 090).
- MassBay Placement into Introductory Algebra (MA 095) or completion of Basic Math Studies (MA 090) with a grade of C or higher.
- Successful completion of Reading Assessment test with a score of 72 or higher.

Upon acceptance into the Paramedicine program, students are expected to attend a program-specific orientation. Students in the program are required to obtain certain immunization and health records and submit documentation thereof by published deadlines which are program-specific and determined by clinical rotation start dates. A complete list of the required immunizations can be found on Division of Health Sciences' web pages of the MassBay website by clicking the link, "[Health and Background Check Requirements.](#)" Immunization requirements are in accordance with clinical site requirements and Massachusetts state law. If the student does not meet the initial published deadline, s/he will not attend the clinical rotation.

The student must complete the CORI (Criminal Offender Record Information) form to authorize a search of conviction and pending criminal case information under Standard Required Level I by the DCJIS (Department of Criminal Justice Information Services). The student must also complete the SORI (Sex Offender Registry Information) form. The CORI and SORI completion process will occur prior to the beginning of clinical/ practicum experiences. If a CORI and/ or SORI Report is returned with a finding(s), it may or may not prohibit progression in a Health Sciences Program. A National County Criminal Background check will be conducted as a part of the student's completion of the clinical requirements.

More information is available on the [Division of Health Sciences pages](#) on the MassBay website.

COURSE	COURSE TITLE	CREDITS
<i>First Year</i>	<i>Fall</i>	
BI 113*	Essentials of Anatomy and Physiology w/ Lab	3
PM 101	Foundations of Paramedicine	4
PM 102	Prehospital Pharmacology	2
PM 103	Trends for the Paramedic	1
PM 104	Cardiology	5
PM 105	Medical Emergencies	3
	credits:	18
<i>First Year</i>	<i>Spring I (8 week 1st Session)</i>	
PM 110	Special Care Aspects Paramedic	4
PM 111	Advanced Medical Life Support	1
PM 112	Pediatric Advanced Life Support Provider	1
PM 113	Neonatal Advanced Life Support Provider	1
		7
<i>First Year</i>	<i>Spring II (8 week 2nd Session)</i>	
PM 210	Clinical I	3
		3
<i>First Year</i>	<i>Summer I (6 week 1st session)</i>	
PM 211	Clinical II	4
	credits:	4
<i>First Year</i>	<i>Summer II (6 week 2nd session)</i>	
PM 212	Field Internship	5
	credits:	5
	Total Credits:	37

PROGRAM FOOTNOTES

A grade of C+ (77%) or higher is required in all Paramedicine (PM) courses. A grade of C is required in all sciences courses.

* A combination of Anatomy and Physiology I (BI 115) and Anatomy and Physiology II (BI 116) fulfills this requirement.