

HEALTH SCIENCES

Associate of Science Degree

Program Description

The Associate of Science Health Sciences degree utilizes an interdisciplinary approach in the study of health sciences. It provides students with a strong general education foundation in both biological sciences and liberal arts, and offers elective studies of community and public health, sociology or ethics that will be applicable to a wide range of careers in health, human services, or public health. It prepares students to complete further health science related programs of study, transfer to a four-year program of study or enter the work force in an entry level position in related health sciences.

Program Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate a foundation of knowledge in the biological sciences based on theory and laboratory skills.
- Demonstrate the ability to think critically and to be able to solve problems by collecting, analyzing, and interpreting data.
- Identify health problems, associated challenges, and potential opportunities.
- Explain the role of policy in health services delivery.
- Demonstrate effective oral and written communication skills.

NOTE: Students interested in the Nursing (ASN) or the Certificate in Practical Nursing are advised to review the program pages in this Catalog for prerequisites.

Additional Information

1. Indicates course requires the completion of a prerequisite.
2. Program Electives must require at least one of the following: BIO 106, BIO 112, or BIO 204

Note: All classes are offered in the fall and the spring unless otherwise designated:

F=Class is only offered in the Fall
S=Class is only offered in the Spring

General Education Requirements – see p. 98	Credits
25 credits total	
ENG 101 English Composition I	3 credits
ENG 102 English Composition II ¹	3 credits
History/Government	3 credits
IDS 167 First Year Seminar	3 credits
MAT 103 College Algebra	3 credits
BIO 111 General Biology I	4 credits
CSI 101 Introduction to Computers	3 credits
PSY 101 General Psychology	3 credits

Program Requirements – 35-37 credits total	Credits
BIO 131 Anatomy and Physiology I ¹ <u>OR</u> HSC 149 Applied A & P for Healthcare Professionals	4 credits
BIO 132 Anatomy and Physiology II ¹	4 credits
BIO 251 Microbiology ¹	4 credits
HPS 102 Community and Public Health (S)	3 credits
MAT 107 Statistics ¹	3 credits
HSC 107 Orientation to Healthcare	1 credit
CHE 121 OR PHY 111 General Chemistry I ¹ <u>OR</u> General Physics ¹	4 credits
Open Elective	3 credits
Program Electives (see below) ²	9-11 credits

Total credits required for graduation **60-62 credits**

Program Electives	Credits
HIS 220 American Health Care History (S)	3 credits
HSC 140 Medical Terminology	3 credits
HPS 103 Key issues in Health Promotion and Wellness (F)	3 credits
HSV 240 Social Policy (S)	3 credits
MUS 110 Music Across Cultures (F)	3 credits
PHL 101 Intro to Philosophy	3 credits
PHL 102 Topics in 20 th Century Philosophy (F)	3 credits
PHL 113 Death and Dying ¹	3 credits
PSY 216 Growth and Development	3 credits
BIO 106 Nutrition	4 credits
BIO 112 General Biology II ¹	4 credits
BIO 204 Genetics ¹	4 credits

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Semester 1	Credits	Pre-Requisites
IDS 167 First Year Seminar	3 credits	
ENG 101 English Comp I	3 credits	Placement or satisfactory completion of ENG 090
BIO 111 General Biology I	4 credits	
MAT 103 College Algebra	3 credits	Placement or satisfactory completion of MAT 097
CSI 101 Introduction to Computers	3 credits	
Total Credits	16 credits	

Semester 2	Credits	Pre-Requisites
ENG 102 English Comp II	3 credits	ENG 101
HSC 107 Orientation to Healthcare	1 credit	
BIO 131 Anatomy and Physiology I	4 credits	BIO 111 with grade of 'C' or higher
PSY 101 General Psychology	3 credits	
Open Elective	3 credits	
Total Credits	14 credits	

Semester 3	Credits	Pre-Requisites
History/Government	3 credits	
BIO 132 Anatomy and Physiology II	4 credits	BIO 131 with grade of 'C' or higher
CHE 121 General Chemistry I OR PHY 111 General Physics I	4 credits	MAT 103 with grade of 'C' or higher
Program Elective	3 or 4 credits	
Total	14-15 credits	

Semester 4	Credits	Pre-Requisites
BIO 251 Microbiology	4 credits	BIO 111 with grade of 'C' or higher
MAT 107 Statistics	3 credits	Placement or satisfactory completion of MAT 097
HPS 102 Community and Public Health	3 credits	
Program Elective	3 or 4 credits	
Program Elective	3 or 4 credits	
Total	16-18 credits	

Semester Path:

Recommended course of study for a full-time student. It is recommended that students speak to an Academic Advisor before registering for courses each semester.

Student Resources:

Academic Advising

617-984-1720

Dean's Office of Arts & Sciences & Professional Programs

617-405-5920

Dean's Office of Allied Health

617-405-5960

Dean's Office of Nursing

617-405-5990

Financial Aid Office

617-984-1620

Registrar's Office

617-984-1650

Student Accessibility and Academic Support Services

617-405-5915