

Public Health

Associate in Science Degree

Program **PUBLIC.HEALTH.AS**
CIP 512201



Public health is the practice of maintaining a healthy population through education, research, public policy, regulation of health systems and working health professionals. Public health professionals protect the health of the community, promote healthy lifestyles, and prevent disease and injury through research and education. Public health has been a national objective for more than three decades with focuses on increased public awareness, health equity, healthful behaviors across all life stages, and interaction of national, state, and local stakeholders to strengthen policies and improve practices (e.g., Healthy People 2020).

The A.S. degree in Public Health exposes students to the various contributors to public health – including the natural sciences, mathematics, ethics, and social sciences – to form a foundation of public health education. Students are afforded a strong background in science and math along with the general education requirements appropriate for continued Public Health study at a four-year institution.

Successful graduates of this program will be able to transfer to Mercer's articulation affiliates (Rutgers: Edward J. Bloustein School of Planning and Public Policy or William Paterson University) to pursue a bachelor's degree in their chosen area of specialization. Elsewhere in the state, Richard Stockton College and Montclair State University offer a B.S. in Public Health or Health Education while The College of New Jersey and Drew University offer a minor in Public Health.

PROGRAM OUTCOMES

- Demonstrate an understanding of the fundamental concepts of public health;
- View the world and all of its resources with a greater understanding, insight, and appreciation with regard to public health;
- Understand key health issues as they relate locally, nationally, and globally;
- Demonstrate the ability to apply the scientific method of inquiry to gather and use information for the purpose of critical thinking, information analysis, and problem solving;
- Recognize that knowledge of history, literature, geography, and economics all play an important role in public health;
- Transfer and successfully pursue a baccalaureate degree in public health.

Curriculum

Code	Course (lecture/lab hours)	Credits
FIRST SEMESTER		
BIO 103	Anatomy and Physiology I (3/3)	4
ENG 101	English Composition I (3/0)	3
MAT 135	Intermediate Algebra with Applications (4/0) OR	4
MAT 146	Pre-Calculus (4/0) ¹	
PBH 101	Principles of Public Health (3/0)	3
PSY 101	Introduction to Psychology (3/0)	3
SECOND SEMESTER		
BIO 104	Anatomy and Physiology II (3/3)	4
CSW 100	College Success and Personal Wellness (2/0)†	2
ENG 102	English Composition II (3/0)	3
HPE 113	Medical Terminology (3/0)	3
SOC 101	Introduction to Sociology (3/0)	3
THIRD SEMESTER		
CHE 101	General Chemistry I (3/3)	4
CMN 112	Public Speaking (3/0)	3
IST 101	Computer Concepts with Applications (2/2)	3
PHI 204	Ethics (3/0)	3
— —	Language elective ² OR	3-4
— —	Science elective ³	
FOURTH SEMESTER		
CHE 102	General Chemistry II (3/3) ¹ OR	3-4
PSY 215	Human Sexuality (3/0)	
HPE 101	Basic Concepts of Nutrition (3/0)	3
MAT 200	Statistics for Social and Health Sciences I (3/0)	3
— —	Language elective ² OR	3
SOC 214	Sociology of Drug Use and Behavior (3/0)	
		60-62

NOTE: Electives should be selected in consultation with the program coordinator in order to assure maximum transfer of credits.

Course listings with an "OR" offer choices based on anticipated transfer institution and area of concentration desired by the student.

¹ Students planning to transfer to Rutgers: Edward J. Bloustein School of Planning and Public Policy must take CHE 102 and MAT 146.

² Any language including American Sign Language.

³ Select from BIO 201, 208, 217.

† Some exemptions apply. Consult academic advisor for details.

NOTE: All program listings are subject to periodic updates. Please consult your program advisor, academic division, or www.mccc.edu/programs_degree