Program Description
Public health is the science of promoting health, preventing
disease, extending life and improving quality of life for
populations. The population can be as small as a community
or as large as a country. Public health professionals address
the impact of genetics, environment and individual behavior
on the health of the population. The mission of public health
is accomplished through the development and delivery of
educational programs, creation of policy, regulation and
administration of resources and continuing research. The
scope of public health practice is broad encompassing a wide
range of disciplines which emerge from the five core areas;
behavioral science, epidemiology, biostatistics, administration
and environmental health. This degree program is designed to
articulate with the BS in Public Health Sciences, University
of Maryland School of Public Health. Students may choose
to complete this program at either the Shady Grove campus
or the main campus in College Park. Students not transferring
into the BS in Public Health Sciences are advised to check the
requirements of the institution and program to which they intend
to transfer.

Program Outcomes
Upon completion of this program a student will be able to:

• Identify and analyze credible sources of health information.
• Describe the biopsychosocial factors which impact human
  health.
• List and describe controllable and uncontrollable risk factors
  for disease.
• List and describe the leading causes of morbidity and
  mortality in the US.
• Analyze the contribution of both controllable and
  uncontrollable risk factors to the health status of individuals
  and populations.
• Evaluate the impact of personal/individual choice in
  achieving and maintaining good health.
• Evaluate the impact of individual choice on the health of the
  population.

Program Advisors
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For more information, please visit https://
www.montgomerycollege.edu/academics/programs/health-
enhancement-exercise-science-and-physical-education/public-
health-sciences-as-degree.html

To view the Advising Worksheet, please visit https://
www.montgomerycollege.edu/_documents/counseling-and-
advising/advising-worksheets/current-catalog/415.pdf
Suggested Course Sequence

A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

**First Semester**

ENGL 101 - Introduction to College Writing 3 semester hours

MATH 150 - Elementary Applied Calculus I 4 semester hours (MATF)

BIOL 150 - Principles of Biology I 4 semester hours (NSLD)

HLTH 160 - The Science and Theory of Health 3 semester hours

**Second Semester**

English Foundation 3 semester hours (ENGF)

BIOL 212 - Human Anatomy and Physiology I 4 semester hours (NSLD)

CHEM 150 - Essentials of Organic and Biochemistry 4 semester hours

PSYC 102 - General Psychology 3 semester hours

Arts Distribution 3 semester hours (ARTD)

**Third Semester**

BIOL 213 - Human Anatomy and Physiology II 4 semester hours (NSLD)

COMM 108 - Foundations of Human Communication 3 semester hours (GEEL)

OR

COMM 112 - Business and Professional Speech Communication 3 semester hours (GEEL)

HLTH 225 - Introduction to Health Behaviors 3 semester hours

SOCY 100 - Introduction to Sociology 3 semester hours (BSSD)

**Fourth Semester**

BIOL 210 - Microbiology 4 semester hours

BIOL 222 - Principles of Genetics 4 semester hours

HLTH 299 - Capstone in Public Health Sciences 1 semester hour

Humanities Distribution 3 semester hours (HUMD)

**Total Credit Hours: 60**

*ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103 or HLTH elective.

If students plan to transfer to a school other than UMD or UMD at the Universities at Shady Grove, they should consult the transfer institution for more detailed information on course transfer.
Transfer Opportunities
Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer. To learn more, please visit https://www.montgomerycollege.edu/transfer or http://artsys.usmd.edu.

Get Involved at MC!
Employers and Transfer Institutions are looking for experience outside the classroom.
MC Student Clubs and Organizations: https://www.montgomerycollege.edu/life-at-mc/student-life/

Related Careers
Some require a Bachelor’s degree.
Health Policy Analyst, Health Administration – Program Specialist, Administrative Services Manager, Medical and Health Services Manager, Compliance Manager, Biostatisticians, Epidemiologist, Healthcare Social Worker, Health Educator, Community Health Worker.

Career Services
Montgomery College offers a range of services to students and alumni to support the career planning process. To learn more, please visit https://www.montgomerycollege.edu/career

Career Coach
A valuable online search tool that will give you the opportunity to explore hundreds of potential careers or job possibilities in Maryland and the Washington D.C. metropolitan area. Get started today on your road to a new future and give it a try. For more information, please visit https://montgomerycollege.emsicc.com

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