Public Health  AS DEGREE

Program Overview
The Public Health AS degree is designed for students who plan to pursue a bachelor’s degree in public health, health education, community health, epidemiology, health administration, or environmental health. The program builds upon foundational knowledge of the biological sciences and emphasizes communication, cultural competency, and the ability to interpret qualitative and quantitative research. Students admitted to the program will explore the public health system, population health challenges, biometric and social determinants of health, and public health preparedness through a variety of applied learning and community service opportunities.

Career Opportunities
Want to help change lives? Public Health professionals work in federal, state, and non-profit agencies, as well as in academic institutions, hospitals, and clinics. They influence change through education, health promotion, research, and policy. Specific job titles may include; health educator, healthcare administrator, emergency preparedness specialist, field investigator, food-safety inspector, epidemiologist, public health nurse, WIC nutrition specialist, or refugee coordinator. Employment Outlook for Health Educators in the seven county Minneapolis-Saint Paul, MN area is expected to increase by 8.8 percent between 2014-2024.

Program Outcomes
1. Identify concepts of personal and population health and disease, including evidence-based interventions that address health-related needs.
2. Discuss concepts of marketing, analysis, selection, and decision-making regarding health care, products, services, and health providers.
3. Describe key concepts of public health, including the history, core values, and practice.
4. Explain the key concepts, purpose and theories of public health education and promotion.
5. Define major components in health care management and administration, including the characteristics and organizational structure of the public health systems.
6. Discuss the historical development of environmental health, focusing on the basic relationships between the physical environment and human health.
7. Describe key concepts of global health, including demographic and epidemiological transitions, measures of health status, and the burden of disease.
8. Explain the ways in which public health core competencies are used in public health work.

Program Faculty
Brendan Ashby  brendan.ashby@saintpaul.edu

Program Requirements
☐ Check off when completed

Core required Courses  Cr
☐ PUBH 1700 Personal & Community Health ........ 3
☐ PUBH 1710 Consumer Health .......................... 3
☐ PUBH 2700 Public Health Overview .................. 3
☐ PUBH 2710 Public Health Education .................. 3
☐ PUBH 2720 Global Health .................................. 3
☐ PUBH 2770 Public Health Practicum ................. 2

Choose 1 course for your focus area ................. 3
☐ PUBH 2730 Public Health Administration .......... 3
☐ PUBH 2740 Environmental Health ................. 3
☐ PUBH 2750 Public Health Advocacy & Leadership in Action ........................................ 3

Subtotal ................................................. 20

General Education/MnTC Requirements Cr
Refer to the Minnesota Transfer Curriculum Course List for each Goal Area
☐ Goal 1: Communication .................................. 12
  ENGL 1711 Composition 1 - 4cr
  ENGL 1712 Composition 2 - 2cr
☐ Goal 2: Math/Logical Reasoning ...................... 16
  BIOL 1740 General Biology 1 - 5 cr
  BIOL 1760 Nutrition - 3 cr
  BIOL 2721 Anatomy & Physiology 1 - 4 cr
  BIOL 2722 Anatomy & Physiology 2 OR
  CHEM 1711 Principles of Chemistry 1 - 4cr
☐ Goal 3: Natural Science ................................ 16
  PSYC 1710 General Psychology - 4cr
  MATH 1740 Introduction to Statistics
  MATH 1770 Statistics
  MATH 1760 Calculus
  MATH 2710 Linear Algebra
  MATH 2720 Calculus 2 OR
  MATH 2770 Calculus 3
  MATH 2780 Calculus 4
  MATH 2790 Advanced Calculus
  MATH 2810 Advanced Calculus

☐ Goal 4: Behavioral Sciences .......................... 8
  PSYC 1710 General Psychology - 4cr

☐ Goal 5: History, Social Science, and
  Behavioral Sciences .................................... 8
  GEOG 1710 Introduction to Geography
  GEOG 1720 Introduction to Geography
  GEOG 1730 Introduction to Geography
  GEOG 1740 Introduction to Geography
  GEOG 1750 Introduction to Geography
  GEOG 1760 Introduction to Geography
  GEOG 1770 Introduction to Geography
  GEOG 1780 Introduction to Geography
  GEOG 1790 Introduction to Geography
  GEOG 1810 Introduction to Geography
  GEOG 1820 Introduction to Geography

General Education Requirements .................. 40

Total Program Credits ................................. 60

Program Start Dates
Fall, Spring, Summer-limited course offerings

Course Sequence
The following sequence is recommended for a full-time student; however, this sequence is not required. Not all courses are offered each semester and some may be offered summer term.

See back of this guide for Course Sequence and Transfer Opportunities
Course Sequence

The following sequence is recommended for a full-time student; however, this sequence is not required. Not all courses are offered each semester and some may be offered summer term.

First Semester
BIOL 1740 General Biology 1 .......................... 5
COMM 1710 Fundamentals of Public Speaking .......... 3
ENGL 1711 Composition 1 ............................... 4
PUBH 1700 Personal & Community Health (fall only) .................................. 3
Total Semester Credits. ................................. 15

Second Semester
BIOL 2721 Anatomy & Physiology I ..................... 4
ENGL 1712 Composition 2 ............................... 2
MATH 1740 Introduction to Statistics ................... 4
PUBH 1710 Consumer Health (spring only) ............... 3
PUBH 2700 Public Health Overview (spring only) ......... 3
Total Semester Credits. ................................. 16

Third Semester
BIOL 2722 Anatomy & Physiology 2 OR
CHEM 1711 Principles of Chemistry 1 ................... 4
PSYC 1710 General Psychology ........................ 4
PUBH 2710 Public Health Education (fall only) ........... 3
PUBH 2720 Global Health (fall only) ..................... 3
Total Semester Credits. ................................. 14

Fourth Semester
BIOL 1760 Nutrition ........................................ 3
COMM 1730 Intercultural Communications .......... 3
PUBH 2XXX Focus area course .......................... 3
PUBH 2770 Public Health Practicum ..................... 2
SOCH 1710 Introduction to Sociology ................. 4
Total Semester Credits. ................................. 15

Total Program Credits ................................. 60

Transfer Opportunities

Saint Paul College has a transfer articulation agreement between the following program and post-secondary institutions for the baccalaureate degree programs listed below.

For more information please go to saintpaul.edu/Transfer.

Public Health AS Degree
BA  Community Health Science
   Concordia University
BA  Health Care Administration
   Concordia University, St. Paul
BA  Individualized Studies
   Metropolitan State University
BAS  Health Services Management
   University of Minnesota, College of Continuing and Professional Studies
BS  Community Health
   Saint Cloud State University
BS  Healthcare and Human Service Management
   Saint Mary’s University, Twin Cities Campus
BS  Public Health
   Saint Mary’s University, Twin Cities Campus