

## 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.
9. Compare methods for assessing individual and population determinants of health, disease, and health disparities.

#### Minimum Program Entry Requirements

Students entering this program must meet the following minimum program entry requirements:

**Reading:** Score of 250+ or grade of "C" or better in READ 0722 or READ 0724 or EAPP 0900

**Writing:** Score of 250+ or grade of "C" or better in ENGL 0922 or EAPP 0900

**Quant. Reasoning, Algebra & Stats:** Score of 270+ or **Adv. Algebra & Functions:** Score of 250+ or grade of "C" or better in MATH 0920

#### Assessment Results and Prerequisites:

Students admitted into Saint Paul College programs may need to complete additional courses based on assessment results and course prerequisite requirements. Certain MATH, READ, and ENGL courses have additional prerequisites.

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### Program Faculty

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### Program Requirements

Check off when completed

| Core required Courses  | Cr |
|--|----|
| <input type="checkbox"/> PUBH 1700 Personal & Community Health | 3  |
| <input type="checkbox"/> PUBH 1710 Consumer Health             | 3  |
| <input type="checkbox"/> PUBH 2700 Public Health Overview      | 3  |
| <input type="checkbox"/> PUBH 2710 Public Health Education     | 3  |
| <input type="checkbox"/> PUBH 2720 Global Health               | 3  |
| <input type="checkbox"/> PUBH 2770 Public Health Practicum     | 2  |

#### Choose 1 course for your focus area

|  |           |
|--|-----------|
| <input type="checkbox"/> PUBH 2730 Public Health Administration                  | 3         |
| <input type="checkbox"/> PUBH 2740 Environmental Health                          | 3         |
| <input type="checkbox"/> PUBH 2750 Public Health Advocacy & Leadership in Action | 3         |
| <b>Subtotal</b>  | <b>20</b> |

#### General Education/MnTC Requirements

| General Education/MnTC Requirements   | Cr        |
|---|-----------|
| Refer to the Minnesota Transfer Curriculum Course List for each Goal Area         |           |
| <input type="checkbox"/> Goal 1: Communication                                    | 12        |
| ENGL 1711 Composition 1 - 4cr   |           |
| ENGL 1712 Composition 2 - 2cr   |           |
| COMM 1710 Fundamentals of Public Speaking - 3cr                                   |           |
| COMM 1730 Intercultural Communications - 3cr                                      |           |
| <input type="checkbox"/> Goal 3 Natural Science                                   | 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   |           |
| <input type="checkbox"/> Goal 4: Mathematical/Logical Reasoning                   | 4         |
| MATH 1740 Introduction to Statistics  |           |
| <input type="checkbox"/> Goal 5: History, Social Science, and Behavioral Sciences | 8         |
| PSYC 1710 General Psychology - 4cr  |           |
| SOCI 1710 Introduction to Sociology - 4cr   |           |
| <b>General Education Requirements</b>   | <b>40</b> |

**Total Program Credits** 60

See back of this guide for Course Sequence & Transfer Opportunities

Information is subject to change.  
This Program Requirements Guide is not a contract.

**Public Health AS DEGREE** *(continued)*

**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.

**First Semester**

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

**Second Semester**

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

**Third Semester**

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

**Fourth Semester**

|  |           |
|--|-----------|
| BIOL 1760 Nutrition . . . . .                    | 3         |
| COMM 1730 Intercultural Communications . . . . . | 3         |
| PUBH 2XXX Focus area course . . . . .            | 3         |
| PUBH 2770 Public Health Practicum . . . . .      | 2         |
| SOCI 1710 Introduction to Sociology . . . . .    | 4         |
| <b>Total Semester Credits.</b> . . . . .         | <b>15</b> |

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

**Transfer Opportunities**

Saint Paul College has transfer agreements & partnerships between many post-secondary institutions. For more information please go to [saintpaul.edu/Transfer](http://saintpaul.edu/Transfer).