



## BS in Public Health (Health Informatics and Data Science)

*Fall 2026 to Present*

- ALL courses in the major require a grade of “C” or better
- Total Units Required for BS Degree: 120
- Total Units Required in Major: 57-58

Required Lower Division Courses (12 units)	Units	Course Prerequisites?
BIO 20 Biology: A Human Perspective <b>OR</b> BIO 10 Basic Biological Concepts	3/3	No
PUBH 50 Healthy Lifestyles	3	No
PUBH 98 Public Health Professions Seminar	3	No
STAT 1 Introduction to Statistics	3	See Catalog
Required Upper Divisions Courses (39 units)	Units	Course Prerequisites?
PUBH 100 Fundamentals of Safety and Health*	3	No
PUBH 116 Public Health Policy, Management & Administration*	3	No
PUBH 118 Introduction to Public Health*	3	No
PUBH 147 Health Data Analysis*	3	STAT 1 or STAT 10B
PUBH 148 Epidemiology*	3	See Catalog
PUBH 151 Introduction to the US Healthcare System*	3	No
PUBH 152 Healthcare Systems and Operations*	3	No
PUBH 170 Introduction to Health Informatics	3	No
PUBH 171 Artificial Intelligence in Healthcare	3	No
PUBH 172 Health Data Visualization	3	PUBH 147
PUBH 173 Health Data Management and Coding	3	No
PUBH 174 Advanced Health Data Analysis	3	PUBH 147
DS 105 Decision Analytics	3	MATH 24 & STAT 1
Take <b>two</b> of the following (minimum of 6 units)	Units	Course Prerequisites?
CSC 10 Introduction to Programming Logic	3	MATH 11 or equivalent
DS 102 Foundation and Tools for Business Analytics	3	MATH 24 & STAT 1
GEOG 109 Geographic Information Systems	3	No
GEOG 110 Spatial Analysis in GIS	3	GEOG 109
MIS 101 Computer Information Systems for Management	3	No
MIS 140 Business Data Communication	3	No
MIS 15 Introduction to Business Programming	3	No
MIS 150 Database Systems for Business	3	No
MIS 170 Information Systems Security	3	MIS 140
PUBH 124 Ethical Considerations in Public Health^	3	Writing Intensive Prerequisites
PUBH 153 Administration of Healthcare Organizations*	3	No
PUBH 155 Introduction to Healthcare Process Improvement*	3	PUBH 151
PUBH 195 Fieldwork – Health or Safety	3-4	Permission of Faculty Advisor

See catalog for full course descriptions. Courses may be subject to change each academic year.

^ Writing Placement for Junior (WPJ) is a prerequisite to enroll in a Writing Intensive Course.

\* Student must be a Public Health major to enroll. All other courses do not have a major/minor prerequisite/restriction.

**Foreign Language:** Students graduating with a BS in Public Health (all concentrations) will not be subject to the University's Foreign Language Graduation Requirement. *Students who change their major may be subject to the University's Foreign Language Graduation Requirement.*