

# B.S. Public Health - Health Informatics Concentration

Code	Title	Semester Hours
<b>Public Health Degree Plan (120 hours)</b>		
<b>Core Requirements (42 hours)</b>		
First Year Seminar		3
FYE 1301	First Year Seminar	
Freshmen Composition I		3
EN 1311	Rhetoric and Composition	
or EN 1313	Rhetoric and Composition for International Students	
Literature		3
Any EN 23XX literature course		
History		3
Any 1000, 2000, or 3000-level HS course		
Social Science		3
Select two from the following: BA 1310, CJ 1301, EC 2301, EC 2303, ED 2330, HU 3300, HU 3303, PO 1311, PO 1312, PO 1314, PO 2312, PO 2302, PS 1301, PS 2310, PS 2353, PS 2355, PS 2363, PS 2337, 3 hrs. of Communication Studies (CM 1341, CM 2333, CM 2334). May satisfy 3 of the 6 required credit hours with CPH 1301.		
Mathematics		3
MT 1302 recommended		
Natural or Physical Sciences		3
Select one: BL 1301, BL 1302, BL 3311, CH 1303, CH 1304, CH 1401, CH 1402, ES 1300, ES 1301, ES 1302, ES 1303, ES 1304, ES 1305, ES 1373, PY 1300, PY 1310, PY 1401, PY 1402		
Fine Arts		3
AR 1300, AR 1301, AR 1311, AR 1312, AR 2301, AR 2321, AR 2361, AR 2362, AR 3331, AR 3351, AR 3381, AR 3392, 3 hrs. DM, MU 1300 or 3 hrs. of any MU		
Foreign Language and International Engagement		6
This requirement is satisfied through one of four ways: 1) One 3-hour course in any language at the 3000 level or above, with a grade of B or better; 2) Two courses (1311 and 1312) in a language not previously studied; 3) Two courses (2311 and 2312) in a language previously studied at the high school or college level; 4) Qualifying scores on an AP or CLEP exam, or both the ACTFL OPI and WPT exams		
Philosophy - Self		3
PL 1301	Intro to Philosophy	
Philosophy - Ethics		3
PL 2301	Foundations of Ethics	
Theology - God		3
TH 1301	Introduction to Theology	
Intermediate Theology		3
Any TH 33xx course		
<b>Public Health Required Core (21 hours)</b>		
CPH 1301	Introduction to Public Health	3
or NU 4403	Community and Global Health	
CPH 2301	Environmental Health	3
CPH 3301	Fundamentals of Epidemiology	3
CPH 4301	US Healthcare System	3
Statistics		3
Choose one from the following: SC 3381, CJ 3332, CR 3332, PO 2311, PS 3381, PS 3383, PS 3385, EX 3308, BL 3310, BIO 3310, BIO 3311, BIO 3410		
Research Methods		3
Choose one from the following: SC 3306, SC 4383, CJ 3330, CR 3330 or other approved Research Methods course		

CPH 4390 or NU 3301 ProSem (Capstone & Internship Course) Health Promotion and Disease Prevention Across the Lifespan (Community-based Service Learning) 3

**Health Informatics Concentration (18 hours) 18**

CS 1310 Programming I in C  
or CS 3300 Introduction to Programming for Data Analytics (in Python)

CPH 3357 Introduction to Health Informatics Healthcare Informatics

CPH 3367 Consumer Health Informatics

CPH 3397 Data Visualization

CPH 3387 Health Project Management

CPH 3377 Electronic Health Records

**Electives**

An elective can be any course taken from any discipline. Recommended Electives: CM 3365, AE 4389, SC 3315, or Medical Humanities courses. 39

**Total Semester Hours 120**

**First Year**

<b>Fall</b>	<b>Semester Spring Hours</b>	<b>Semester Hours</b>
FYE 1301	3 Social Science	3
EN 1311	3 TH 1301	3
Mathematics (MT 1302 recommended)	3 Fine Arts	3
PL 1301	3 Science	3
CPH 1301	3 CPH 4301	3
	<b>15</b>	<b>15</b>

**Second Year**

<b>Fall</b>	<b>Semester Spring Hours</b>	<b>Semester Hours</b>
Foreign Language I	3 Foreign Language II	3
EN 23XX	3 TH 3353	3
PL 2301	3 History	3
CPH 2301	3 CPH 3301	3
SC 3381 (or other stats course)	3 CS 1310 or 3300	3
	<b>15</b>	<b>15</b>

**Third Year**

<b>Fall</b>	<b>Semester Spring Hours</b>	<b>Semester Hours</b>
Research Methods course	3 CPH 3367	3
CPH 3357	3 Elective	3
CPH 4390	3 Elective	3
Elective	3 Elective	3
Elective	3 Elective	3
	<b>15</b>	<b>15</b>

**Fourth Year**

<b>Fall</b>	<b>Semester Spring Hours</b>	<b>Semester Hours</b>
CPH 3397	3 CPH 3377	3
Elective	3 CPH 3387	3
Elective	3 Elective	3
Elective	3 Elective	3
Elective	3 Elective	3
	<b>15</b>	<b>15</b>

**Total Semester Hours 120**