

PUBLIC HEALTH - BS

St. Kate's offers three concentrations for the public health major to provide students with opportunities to integrate and apply core knowledge in public health to a specific area of study. A major in public health prepares students for employment in public health, strengthens the background of health professionals who are interested in public health practice areas, and provides an excellent foundation for students who are interested in pursuing graduate study in public health, pre-professional degrees (e.g. pre-Med, pre-PA) or related areas. Students will have opportunities for service learning, practicum, capstone projects, structured research and study abroad courses.

Public health majors will get a strong foundation in public health and liberal arts, select a concentration that fits their unique interests, and prepare for a career or graduate study through internship and seminar experiences. St. Kate's was selected to participate in the first joint collaboration of the Association of American Colleges & Universities (AACU) and the Association for Prevention Teaching and Research (APTR) to support development of three public health courses into the liberal arts curriculum. The public health major emphasizes working with academic, community and global partners to make a difference. The public health major was developed over several years and in response to student interests. The curriculum will help students develop knowledge and skills to improve health through education, health promotion and research. The strength of the public health major will be built upon the varied interests and backgrounds of students in the major. The design of the major also makes it possible to obtain a double major or a minor in another discipline.

In March 2020, the St. Catherine University Public Health Program was accredited by the Council on Education for Public Health. The undergraduate degrees in the College for Women and College for Adults are the first undergraduate public health programs in the State of Minnesota to receive CEPH accreditation.

Public health at St. Kate's is an interdepartmental major. Students will complete seven core public health courses and a minimum of six additional courses in a specific concentration. St. Kate's offers three concentrations for the public health major: health sciences, public policy, and community health worker.

Courses for a concentration are selected in consultation with an advisor, with a minimum of half of the major courses numbered at the 3000 level or above. Students may take approved ACTC courses to fulfill some requirements for the concentration. Transfer courses, substitutions, and other ACTC courses require the approval of the department. Recommended courses for each concentration will be published on an annual basis. Students who want a double major or minor must meet with an advisor in both departments. Students must refer to specific planning guides for each concentration, available from the department.

A minimum grade of a C is required for major courses and supporting courses. A minimum cumulative GPA of 2.5 is required in the major, including supporting courses.

Curriculum

Code	Title	Credits
Public Health Courses		
HLTH 2050	Foundations in Public Health	4
HLTH 3150	Epidemiology	4

HLTH 3220	Health Communications	4
HLTH 3350	Environmental Health	4
HLTH 4700	Practicum Preparation	2
HLTH 4754	Practicum	4
HLTH 4800W	Senior Seminar in Public Health	4
Total Credits		26

Code	Title	Credits
Supporting Courses		
IPE 1020	Medical Terminology	1-2
or IPE 1030	Healthcare Teams Foundations and Medical Terminology	
Select one of the following statistics courses:		4
HLTH 1090	Biostatistics	
ECON 1080	Statistical Analysis for the Social Sciences	
ECON 1090	Statistical Analysis for Decision Making	
PSYC 1090	Statistical Methods in Psychology	
STAT 1089	Statistical Analysis with Corequisite	
STAT 1090	Statistical Analysis	
MGMT 3850	Healthcare Policy	4
or ECON 3250	Healthcare Economics	
Total Credits		9-10

A minimum grade of C is required for supporting courses.

Health Sciences Concentration

Designed for:

1. pre-professional students (e.g., pre-med, pre-pharmacy, pre-PA, pre-DPT)
2. students who want a strong background in human and biological science and public health

This major is offered in the College for Women only.

Code	Title	Credits
Required Courses		
Select five 2000 level or higher courses in the area of human health and biological impacts on human health:		20
BIOL 2200	Introduction to Microbiology with Lab	
BIOL 2610	Human Anatomy and Physiology I with Lab	
BIOL 2620	Human Anatomy and Physiology II with Lab	
BIOL 2650	Understanding Medical Research: Drugs, Devices and Complementary Therapies	
BIOL 2710	Introduction to Ecology with Lab	
BIOL 3120	Human and Comparative Vertebrate Anatomy with Lab	
BIOL 3140	Human and Comparative Animal Physiology with Lab	
BIOL 3210	Biology of Microorganisms with Lab	
BIOL 3224	Cell Biology with Lab	
BIOL 3250	Histology with Lab	
BIOL 3850	Biopsychology with Lab	
BIOL 4220	Immunology with Lab	
CDC 3000	Chemical Dependency Counseling: Assessment and Intervention	

CHEM 2010	Organic Chemistry I with Lab	
CHEM 2020	Organic Chemistry II with Lab	
CHEM 4400	Biochemistry with Lab	
EXSS 3200	Health Behavior Psychology	
FSNU 2300	Nutrition Foundations	
One 2000 level or higher course related to the social, behavior, legal, ethical or economic dimension of health ¹		4
Total Credits		24

¹ See course options under Public Policy Concentration below (or departmental approval)

Public Policy Concentration

Designed for:

1. students who are interested in health policy, social sciences and population health but not a specific health profession
2. pre-professional students (e.g., pre-law, pre-occupational therapy)
3. students who want a strong background in the underlying social and political conditions that impact public health and health disparities

This major is offered in the College for Women and the College for Adults (CFA). NOTE: Not all of the courses are available in CFA. Students should consult their academic advisor.

Code	Title	Credits
Required Courses		
Five courses focused on the underlying social and political factors that shape health and health disparities selected as noted below		
Select two 2000 level or higher courses on social and behavioral impacts on health and health disparities		8
CDC 3000	Chemical Dependency Counseling: Assessment and Intervention	
CRST 2050W	Foundations of Critical Studies of Race and Ethnicity	
CRST 3450	Women's Issues from Global Perspectives	
DSCI 3200W	Analyzing Social Issues with Data	
EXSS 3200	Health Behavior Psychology	
PHIL 2200W	Ethics	
PHIL 3400	Biomedical Ethics	
PSYC 2025	Lifespan Developmental Psychology	
PSYC 3010	Understanding Psychological Disorders	
PSYC 3030	Health Psychology with Lab	
PSYC 3150	Psychology of Adulthood and Aging	
SOCI 2150	Challenging Oppressions, Civic Engagement and Change	
SOCI 2300 or SOCI 1000	Sociology of Health and Medicine Principles and Concepts of Sociology	
SOCI 2700	Social Movements-Social Change	
SOCI 3160	Migration, Citizenship, Community	
SOCI 3250	Cultural Anthropology	
SOCI 3510	Sociology of Race and Ethnicity	
SOWK 3400	Human Behavior and the Social Environment	
SOWK 3910	Social Policy for Social Change	

WOST 2050W	Foundations of Gender and Women's Studies	
WOST 2910	The Anatomy of Violence	
Select two courses from COMM 1030 or 2000 level or higher courses on the legal, economic or communication dimensions of health care and public policy		8
COMM 1030	Speaking to Lead and Influence	
COMM 2050	Media, Culture and Society	
COMM 3030	Rhetoric, Civic Participation and Social Justice	
COMM 3100	Communicating across Cultures, Identities and Differences	
COMM 4600	Leadership and the Art of Persuasion	
DSCI 1000	Telling Stories with Data - Introduction to Data Visualization	
DSCI 2100	Introduction to Programming: Applied Computing I	
DSCI 3100	Database Management	
DSCI 3200W	Analyzing Social Issues with Data	
ECON 2610	Principles of Microeconomics	
ECON 2620	Principles of Macroeconomics	
ECON 3250	Healthcare Economics	
ECON 3450W	Haves and Have Nots: Development, Poverty, and Inequality	
ECON 3460W	Global Financial Issues	
ECON 3480W	International Economics: Trade and Immigration	
FSNU 2400	Food is Medicine	
FSNU 3350	Lifelong Nutrition	
HIST 2200	Twentieth Century America	
HIST 3250	History of Civil Liberties and Civil Rights in the U.S.	
IPE 2800	Healthcare Teams: Opportunities and Challenges in Aging	
IPE 4200W	Healthcare Teams - Evidence-Based Practice	
POSC 2250	Introduction to World Politics	
POSC 3070	Public Policy	
Select one course on the science of human health and the biological impacts on human health		4
BIOL 1120	Biology of Women with Lab	
BIOL 2610	Human Anatomy and Physiology I with Lab	
BIOL 2620	Human Anatomy and Physiology II with Lab	
Total Credits		20

Community Health Worker Concentration

Designed for:

1. students with linguistic and cultural competency in a community and interest in serving as advocates in health and community systems
2. students who want to obtain a credential as a community health worker and have a background in public health

This major is offered in the College for Women and the College for Adults.

Code	Title	Credits
Required Courses		
BIOL 1120	Biology of Women with Lab	4
HLTH 1964	Community Health Worker Role, Advocacy, Outreach and Resources	3
HLTH 1966	Health Communication and Cultural Competence, Teaching and Capacity Building	3
HLTH 1968	Documentation, Legal and Ethical Issues in Community Health Work	3
HLTH 1974	Health Promotion Competencies I	3
HLTH 1975	Health Promotion Competencies II	2
One elective course 2000 level or higher. See recommended list of courses under the Public Policy Concentration		4
Total Credits		22

Public health majors satisfy the Writing Requirement for Majors by completing HLTH 4800W Senior Seminar in Public Health. They complete the Liberal Arts and Sciences Core Writing Requirement with three other writing-intensive courses (CORE 1000W The Reflective Woman, CORE 3990W Global Search for Justice, and any other writing-intensive course in another department).

This major is offered in the College for Women only.

Code	Title	Credits
Spring Term		
IPE 1030 or IPE 1020	Healthcare Teams Foundations and Medical Terminology Medical Terminology	1-2
Fall Term		
HLTH 2050	Foundations in Public Health	4
Select one from:		4
HLTH 1090	Biostatistics	
ECON 1080	Statistical Analysis for the Social Sciences	
ECON 1090	Statistical Analysis for Decision Making	
PSYC 1090	Statistical Methods in Psychology	
STAT 1089	Statistical Analysis with Corequisite	
STAT 1090	Statistical Analysis	
Spring Term		
HLTH 3150	Epidemiology	4
Course for concentration		4
Fall Term		
Two courses for concentration		8
HLTH 3220	Health Communications	4
Spring Term		
HLTH 3350	Environmental Health	4
ECON 3250 or MGMT 3850	Healthcare Economics Healthcare Policy	4
Course for concentration		4
Fall Term		
HLTH 4700	Practicum Preparation	2
Two courses for concentration		8
Spring Term		
HLTH 4754	Practicum	4

HLTH 4800W	Senior Seminar in Public Health	4
Total Credits		59-60

This major is offered in the College for Women and the College for Adults.

Code	Title	Credits
Spring Term		
IPE 1030 or IPE 1020	Healthcare Teams Foundations and Medical Terminology Medical Terminology	1-2
Fall Term		
HLTH 2050	Foundations in Public Health	4
Select one of the following:		4
ECON 1080	Statistical Analysis for the Social Sciences	
ECON 1090	Statistical Analysis for Decision Making	
HLTH 1090	Biostatistics	
PSYC 1090	Statistical Methods in Psychology	
STAT 1090 or STAT 1089	Statistical Analysis Statistical Analysis with Corequisite	
Spring Term		
HLTH 3150	Epidemiology	4
Course for concentration		4
Fall Term		
HLTH 3220	Health Communications	4
Two courses from concentration		8
Spring Term		
HLTH 3350	Environmental Health	4
ECON 3250 or MGMT 3850	Healthcare Economics Healthcare Policy	4
Course for concentration		4
Fall Term		
HLTH 4700	Practicum Preparation	2
Two courses for concentration		8
Spring Term		
HLTH 4754	Practicum	4
HLTH 4800W	Senior Seminar in Public Health	4
Total Credits		59-60
This major is offered in the College for Women and the College for Adults.		
Code	Title	Credits
Fall Term		
HLTH 2050	Foundations in Public Health	4
Select one from:		4
HLTH 1090	Biostatistics	
ECON 1080	Statistical Analysis for the Social Sciences	
ECON 1090	Statistical Analysis for Decision Making	
PSYC 1090	Statistical Methods in Psychology	
STAT 1089	Statistical Analysis with Corequisite	
STAT 1090	Statistical Analysis	
Spring Term		
HLTH 3150	Epidemiology	4
HLTH 3250	Global Health	4

IPE 1030	Healthcare Teams Foundations and Medical Terminology	1-2
or IPE 1020	Medical Terminology	
Fall Term		
BIOL 1120	Biology of Women with Lab	4
HLTH 1964	Community Health Worker Role, Advocacy, Outreach and Resources	3
HLTH 1966	Health Communication and Cultural Competence, Teaching and Capacity Building	3
HLTH 1968	Documentation, Legal and Ethical Issues in Community Health Work	3
Spring Term		
ECON 3250	Healthcare Economics	4
or MGMT 3850	Healthcare Policy	
HLTH 1974	Health Promotion Competencies I	3
HLTH 1975	Health Promotion Competencies II	2
One elective course 2000 level or higher. See recommended list of courses under the Public Policy concentration.		4
Fall Term		
HLTH 3350	Environmental Health	4
HLTH 4700	Practicum Preparation	2
Spring Term		
HLTH 4754	Practicum	4
HLTH 4800W	Senior Seminar in Public Health	4
Total Credits		57-58