2025.2.14

B.S. Degree Requirements in Public Health (for students starting Fall 2022)

Fundamental Courses

General Courses (12)

- 1R (3,3) Chinese Literature
- 1R (3,3) Foreign Languages
- 1R (0,0) Online English Program
- 1-4R (0) Health Related Physical Fitness, Physical Education
- QR (0) Service Learning (a)/(b)

Recommended Year of Study(Q,Unlimited)
Required(R) of Elective(S)
Credits(Fall,Spring)

2 R (4,0) Course Title[EMI] → English as a Medium of Instruction

DPH Requirements (55)

Introductory Natural Sciences (14)

- 1R (2+2,2) Calculus 1-2 Calculus 3
- 1R (2,2) General Biology (b)
- 1R(3+1,0) General Chemistry (c) +Lab

Introductory Social Sciences (6)

- 1R (3,0) Sociology of Health
- 2R (3,0) Principle of Microeconomics

Introductory Medical Sciences (8)

- 2R (4,0) Physiology
- 2R (0,2+2) Microbiology and Immunology (c) + Lab

Introductory Public Health Courses (27)

- 1R (2,0) Public Health[EMI]
- 1R (0,2) Introduction Health and Social Behavior
- 1R (0,2) Environmental Health
- 1R (0,3) Biostatistics I
- 2R (2,0) Occupational Health
- 2R (3,0) Biostatistics II
- 2R (0,3) Epidemiology
- 2R (0,2) Principles of Public Health Administration
- 3R (2,0) Case Study of Epidemiology
- 3R (0,2) Public Health Law
- 4R (4,0) Field Practice in Public Health

Liberal Education Courses (15)

* There is the bilateral waiver and transference between any one area of Gen Ed's A1 to A4 areas and "Freshman Chinese", up to 3 credits.

- QR A1 area: Literature and Art
- QR A2 area: History and Thinking
- QR A3 area: World Civilization
- QR A4 area: Philosophy and Moral Reasoning
- QR A5 area: Civil Awareness and Social Analysis

Elective Courses (31-35)

- QS Elective Courses

Specialization Module Required Courses (11-15)

***Those who take the "Global Health" module must choose another module and complete all its required courses (dual module system).**

Epidemiology and Preventive Medicine (12)

* General Concepts of Preventive Medicine (2)[EMI]
* Case Studies in Infectious Disease Control (2)
* Epidemiology of Chronic Disease (2)
* Contemporary Research Topics in Epidemiology (2)
* Laboratory Diagnosis of Reportable Diseases in Taiwan (2)
* Epidemiologic Study of Aging and the Elderly (2)

Environmental Health Sciences (15)

* Food Safety and Life (3)
* Principles of Environmental and Occupational Toxicology (2)[EMI]
* Basic Environmental Principles (2)
* Environmental Chemistry (3)
* Risk Assessment (3)
* Analytical Practice of Environmental Pollutants (2)

Health Policy and Management (11)

* Health and Social Welfare Systems (2)
* Health Organization and Management (2)
* Law of Health Service Research (3)
* Health Insurance (2)
* Basics in Health Economics (2)[EMI]

Global Health (11)

*Global Health (3)[EMI]
*Globalization and Social Determinants of Health (2)[EMI]
*Measuring Burden of Disease: Methods and Applications (2)[EMI]
*Introduction to Data Processing in Global Health Practice (1)[EMI]
*Contemporary Issues in Global Health (3)[EMI]

Biostatistics and Health Informatics (12)

* Computing in Epidemiology and Biostatistics (2)[EMI]
* Statistical Inference in Data Science (3)
* Statistical Analysis for Repeated Measurements (2)
* Introduction and Application of Computational Biology Methods (3)
* Analysis of Big Data in Health (2)

Occupational Health Sciences (15)

* Principles of Environmental and Occupational Toxicology (2)[EMI]
* Monitoring for Health Hazard at Work (I) (2)
* Monitoring for Health Hazard at Work (II) (2)
* Industrial Ventilation (2)
* Risk Assessment (3)
* Personal Protective Equipment (2)
* Industrial Safety (2)

Health Behaviors and Community Sciences (12)

*Health psychology (2)[EMI]
*Behavioral Science and Health Education (2)
*Gender and Health (2)
*Adolescent Health and Health Behavior (2)
*Society, Culture, and Health Communication (2)
*Methods and Practices for Community Health Promotion (2)

※ The minimum credits required for graduation is 128 credits, and at least 12 credits must be from EMI courses. The scope of EMI course recognition: All courses, except for the General Courses, can be counted.