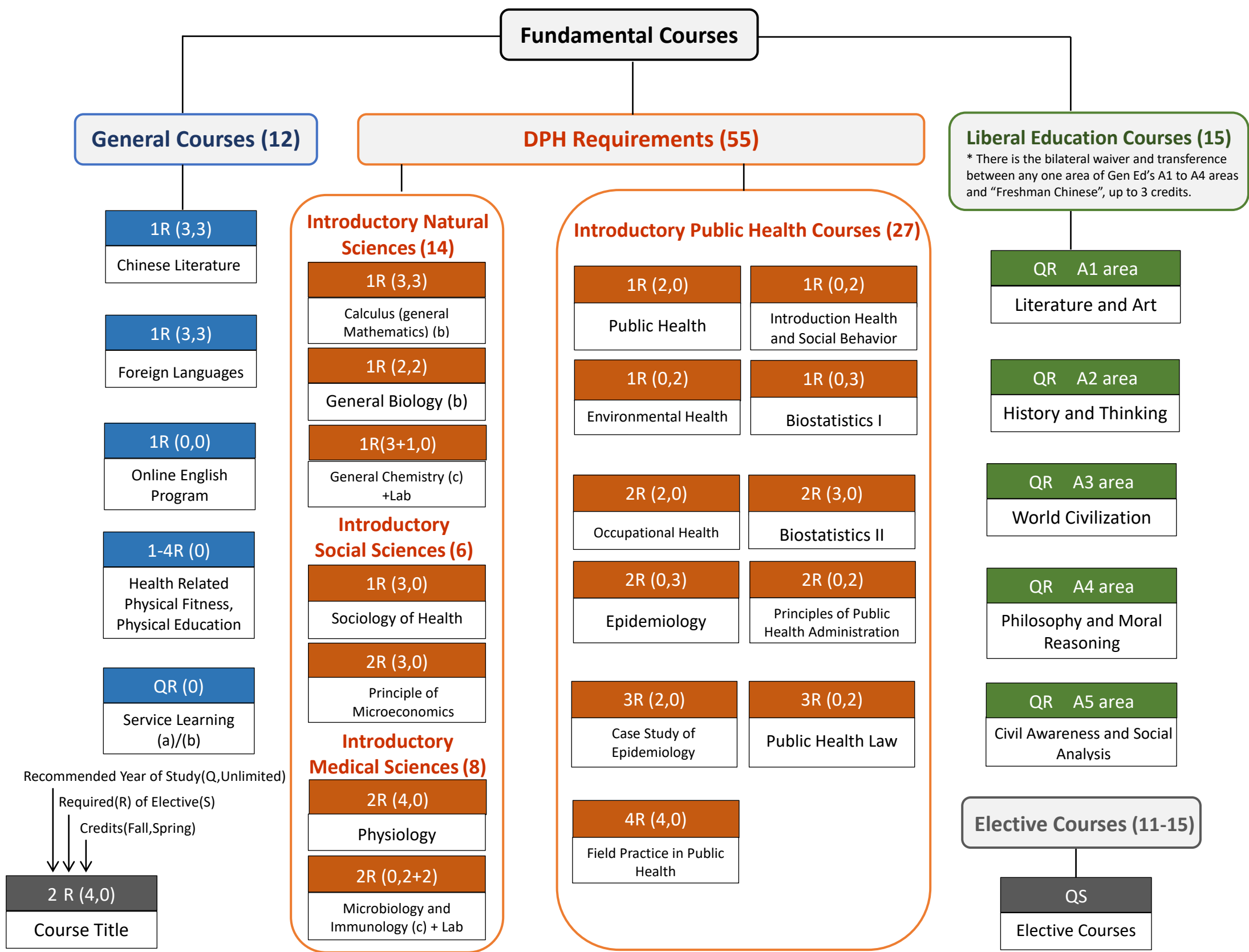


B.S. Degree Requirements in Public Health (for students starting Fall 2022)



Recommended Year of Study(Q,Unlimited)

Required(R) of Elective(S)

Credits(Fall, Spring)

2 R (4,0)
Course Title

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).

<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M1 Epidemiology and Preventive Medicine (12)</p> <ul style="list-style-type: none"> * General Concepts of Preventive Medicine (2) * 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) 	<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M3 Environmental Health Sciences (14)</p> <ul style="list-style-type: none"> * Introduction to Biochemistry (2) * Principles of Environmental and Occupational Toxicology (2) * Basic Environmental Principles (2) * Environmental Chemistry (3) * Risk Assessment (3) * Analytical Practice of Environmental Pollutants (2) 	<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M5 Toxicology and Risk(11)</p> <ul style="list-style-type: none"> * Introduction to Biochemistry (2) * Principles of Environmental and Occupational Toxicology (2) * Environmental and Occupational Toxicology (2) * Risk Assessment (3) * Fundamentals of environmental analysis (2) 	<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M7 Health Policy and Management (11)</p> <ul style="list-style-type: none"> * Health and Social Welfare Systems (2) * Health Organization and Management (2) * Law of Health Service Research (3) * Health Policy and Health Insurance (2) * Health Human Rights: Law and Practice (2)
<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M2 Biostatistics and Health Informatics (12)</p> <ul style="list-style-type: none"> * Computing in Epidemiology and Biostatistics (2) * 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) 	<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M4 Occupational Health Sciences (15)</p> <ul style="list-style-type: none"> * Principles of Environmental and Occupational Toxicology (2) * 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) 	<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M6 Health Behaviors and Community Sciences (12)</p> <ul style="list-style-type: none"> * General Psychology (3) * Behavioral Science and Health Education (2) * Health and Social Welfare Systems (2) * Law of Health Service Research (3) * Methods and Practices for Community Health Promotion (2) 	<p style="text-align: center; background-color: #8B4513; color: white; padding: 5px;">M8 Global Health(11)</p> <ul style="list-style-type: none"> *Global Health (3) *Globalization and Social Determinants of Health (2) *Measuring Burden of Disease: Methods and Applications (2) *Introduction to Data Processing in Global Health Practice (1) *Contemporary Issues in Global Health (3)

Note: Students can take "Biochemistry" as the alternative to "Introduction to Biochemistry". There is no limit to the opening of the department.

EMI (English as a Medium of Instruction) Courses (20)