

Chung Shan Medical University

The School of Public Health

Bachelor Degree Program

1st Semester				
Subjects	Required or Elective	Total Credits	1 st Semesters	2 nd Semesters
General Biology	R	2	2	0
Introduction to Public Health	R	2	2	0
Introduction to Health Administration	R	2	0	2
Biostatistics	R	2	0	2
Physical Education(I)	R	0	0	0
Physical Education(II)	R	0	0	0
General Chemistry	●E	2	2	0
Environmental Mathematics	●E	2	2	0
Human Anatomy	●E	2	2	0
Human Anatomy Laboratory	●E	1	1	0
General Biology Laboratory	●E	1	0	1
Introduction to Environmental Sciences	●E	2	0	2
Water Analysis	●E	2	0	2
General Physics	E	2	2	0
General Physics Laboratory	E	1	1	0
Laboratory Safety and Health Physics	E	2	2	0
Home Pest Control Techniques	E	2	2	0
Management	E	2	2	0
Analytical Chemistry	E	2	0	2
General Education				
English (I)	R	2	2	0
English (II)	R	2	0	2
Reading and Writing	R	2	0	2
The Goal of University Education	R	2	1	1
Service Learning	R	0	0	0
2nd Semester				
Subjects	Required or Elective	Total Credits	1 st Semesters	2 nd Semesters
Environmental Health (I)	R	2	2	0
Environmental Health (II)	R	2	0	2
Epidemiology	R	3	2	1
Health Education	R	2	0	2
Physical Education(III)	R	0	0	0
Physical Education(IV)	R	0	0	0
Physiology	●E	2	2	0
Behavioral Science	●E	2	2	0
Environmental Chemistry	●E	3	3	0
Organic Chemistry	●E	2	2	0
Organic Chemistry Laboratory	●E	1	1	0
Principles of Instrumental Analysis	●E	3	0	3
Vectors Control	●E	2	0	2

Vector Control Laboratory	●E	1	0	1
Demography and Public Health	●E	2	0	2
Human Resource Management	E	2	2	0
Medical Treatment Delivery System	E	2	2	0
Risk and Resilience in Adolescents	E	2	2	0
Introduction to Our Experience on Public Health	E	2	2	0
Introduction to the Environmental Health Pest	E	2	2	0
Drinking Water Management	E	2	2	0
Radiation Safety	E	2	2	0
Public Health Microbiology and Immunology	E	2	2	0
Nano Technology and Public Health	E	2	2	0
Respiratory Infections and Human Health	E	2	2	0
Global Change and Public Health	E	2	2	0
Environmental Microbiology	E	2	0	2
Organization Behavior	E	2	0	2
Parasitology	E	2	0	2
Health Economics	E	2	0	2
Biostatistics Practice	E	2	0	2
Environmental English Paper Reading	E	2	0	2
Greek and Latin in Medical Terminology	E	2	0	2
Environmental Pollution and Health	E	2	0	2
Introduction to Clinical Medicine	E	2	0	2
Behavioral Intervention in Practice	E	2	0	2
Environmental Information	E	2	0	2

3rd Semester

Subjects	Required or Elective	Total Credits	1 st Semesters	2 nd Semesters
Biochemistry	R	2	2	0
Public Health Administration	R	2	2	0
Data Analysis	R	2	2	0
Research Methods and Design Internship (I)	R	2	0	2
Illustrated and Management of Infectious Disease	●E	2	2	0
Health Insurance	●E	2	2	0
Industry and Environment Toxicology	●E	2	2	0
Microbiology & Immunology	●E	2	2	0
Microbiology and Immunology Laboratory	●E	1	1	0
Community Health	●E	2	0	2
Chronic Diseases Prevention and Management	●E	2	0	2
Risk Assessment	●E	2	0	2
Air Pollution	●E	2	0	2
Mental Health	E	2	2	0
Maternal and Child Health	E	2	2	0
Special Topic in Epidemiology	E	2	2	0
Cancer Mapping	E	2	2	0
Introduction to Environmental Engineering	E	2	2	0
Solid Waste Treatment	E	2	2	0
Environment Impact Assessment	E	2	2	0
Application for Molecular Biology in Public Health	E	2	2	0
Pollution Transport and Health	E	2	2	0
Indoor Air Quality Evaluation	E	2	2	0
Review in Environmental Hazards	E	2	2	0
Biological Monitoring	E	2	2	0
Introduction to Public Health Journals	E	2	2	0

Data Analysis and Application Using SPSS	E	2	0	2
Medical and Hygiene Regulations	E	2	0	2
Pharmaceuticals and Food Control	E	2	0	2
Long-Term Care	E	2	0	2
Regression Analysis	E	2	0	2
Case Study on Epidemiology	E	2	0	2
Pollution Prevention	E	2	0	2
Introduction to Occupational Disease	E	2	0	2
Groundwater pollution prevention	E	2	0	2
Soil Pollution Prevention	E	2	0	2
Analysis of Air Pollutants	E	2	0	2
Environmental Administration and Regulations	E	2	0	2
Biohazardous Estimation for Environmental Water	E	2	0	2
Optimum Resources Management	E	2	0	2
Case Study of Environmental Health	E	2	0	2
Health Informatics	E	2	0	2
4th Semester				
Subjects	Required or Elective	Total Credits	1st Semesters	2nd Semesters
Research Methods and Design Internship (II)	R	2	2	0
Public Health Internship	R	2	2	0
Seminar	●E	2	0	2
Health Promotion	E	2	2	0
Aging Population	E	2	2	0
Ambient Particle and Health	E	2	2	0
Scientific Research Paper Writing	E	1	1	0
Water Supply Engineering Design	E	2	2	0
Sewage Treatment Technology	E	2	2	0
Exposure Assessment	E	2	2	0
Gerontological Topic Research	E	2	0	2
Public Nuisance and Disease	E	2	0	2
The minimum quantitative requirement for graduation shall be totally 128 credits, which including 29 credits in Required Subjects, 37 credits in ●Elective Subjects, 34 credits in Elective Subjects, and 28 credits in General Education Subjects.				