

## Graduate Course Descriptions School of Public Health

### Semester Term Courses Public Health Courses

#### **PBHL 501S - INTRODUCTION TO PUBLIC HEALTH**

Credits: 1.00 to 2.00

College: School of Public Health

Department: SPH - Dean's Office

#### **PBHL 503S - INDEPENDENT STUDY**

Credits: 1.00 to 14.00

College: School of Public Health

Department: SPH - Dean's Office

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

#### **PBHL 510ES - Block I-Introduction to Public Health**

This course presents an overview of the principles of public health and the concepts and foci of each of its core disciplines. It is a required course for the Executive MPH students.

Credits: 2.00

College: School of Public Health

Department: SPH - Dean's Office

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

Must be enrolled in one of the following Major(s):

Public Health Executive Prog.

#### **PBHL 511ES - MPH BLOCK I-INTRO TO PUB HLTH**

Introduces the mission, history, issues, function, and context of public health, community health, and health systems.

Credits: 4.00

College: School of Public Health

Department: SPH - Dean's Office

#### **PBHL 512ES - INTRO TO COMM HEALTH&PREVENTIO**

This course is part of a block of courses. Credit hours are tracked for PBHL 511E only.

Credits:

College: School of Public Health

Department: Community Health & Prevention

#### **PBHL 513ES - INTRO TO ENVIRO&OCCUP HEALTH**

This course is part of a block of courses. Credit hours are tracked for PBHL 511E only.

Credits:

College: School of Public Health

Department: Environmental & Occupation Hlt

#### **PBHL 514ES - INTRO TO BIostat&EPIDEMIOLOGY**

This course is part of a block of courses. Credit hours are tracked for PBHL 511E only.

Credits:

College: School of Public Health

Department: School of Public Health

#### **PBHL 515ES - INTRO TO HEALTH MGMT&POLICY**

This course is part of a block of courses. Credit hours are tracked for PBHL 511E only.

Credits:

College: School of Public Health

Department: Health Management & Policy

#### **PBHL 520ES - BIOSTATISTICS**

Introduces and applies the biostatistics and analytical base required for population-based and community health assessment and evaluation. The focus is on providing a broad and basic understanding of biostatistics, with more advanced methods included as appropriate.

Credits: 4.00

College: School of Public Health

Department: Epidemiology & Biostatistics

#### **PBHL 521ES - PRINC OF PUB HLTH&HLTH ANAL I**

This course is part of a block of courses. Credit hours are tracked for PBHL 520E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

#### **PBHL 523ES - BASIC TOOLS IN BIOSTATISTICS**

This course is part of a block of courses. Credit hours are tracked for PBHL 520E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

#### **PBHL 530ES - EPIDEMIOLOGY**

Introduces and applies the principles of epidemiology and study design needed to support population-based and community health assessment and evaluation. Basic and more advanced methods are covered as appropriate with applications to public health and community contexts, and integration with the biostatistics taught in Block II.

Credits: 4.00

College: School of Public Health  
Department: Epidemiology & Biostatistics

**PBHL 531ES - PRIN PUB HLTH & HLTH ANAL**

This course is part of a block of courses. Credit hours are tracked for PBHL 530E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 532ES - PUBLIC HLTH APPLIC OF EPI&BIO**

This course is part of a block of courses. Credit hours are tracked for PBHL 530E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 540ES - MPH BLOCK IV-BEHAV ASSESSMENT**

Introduces principles of health behavior in context of the human life-cycle and covers their application to prevention and health promotion programs in a community context.

Credits: 4.00

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 541ES - PRIN BEHAV/HLTH.ED&SOC.BEH ANA**

This course is part of a block of courses. Credit hours are tracked for PBHL 540E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 542ES - LIFE CYCLE HUMAN DEV&HEALTH**

This course is part of a block of courses. Credits hours are tracked for PBHL 540E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 543ES - ANTHRO SOCIAL&HUMAN ECOLOGY**

This course is part of a block of courses. Credits hours are tracked for PBHL 540E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 544ES - SOCIETAL FACTORS IN HEATLH**

This course is part of a block of courses. Credit hours are tracked for PBHL 540E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 545ES - COMMUNITY PROGRAM DEVELOPMENT**

This course is part of a block of courses. Credit hours are tracked for PBHL 540E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 546ES - HEALTH AND HUMAN RIGHTS**

This course is part of a block of courses. Credit hours are tracked for PBHL 540E only.

Credits:

College: School of Public Health

Department: Epidemiology & Biostatistics

**PBHL 550ES - MPH BLOCK V-COMM ASSESSMENT**

Examines concepts and theories regarding planned change, including models of community organization for health promotion. Presents critical appraisal of community-wide health communication campaigns. Offers a four-week practicum enabling students to develop community-health assessment skills in a community setting.

Credits: 4.00

College: School of Public Health

Department: Community Health & Prevention

**PBHL 551ES - COMMUNICATIONS W/COMMUNITIES**

This course is part of a block of courses. Credit hours are tracked for PBHL 550 only.

Credits:

College: School of Public Health

Department: Community Health & Prevention

**PBHL 552ES - CULTURE ETHNICITY IMPACT ON HL**

This course is part of a block of courses. Credit hours are tracked for PBHL 550 only.

Credits:

College: School of Public Health

Department: Community Health & Prevention

**PBHL 553ES - COMMUNITY BASED PRACTICUM**

This course is part of a block of courses. Credit hours are tracked for PBHL 550 only.

Credits:

College: School of Public Health

Department: Community Health & Prevention

**PBHL 554ES - COMMUNITY DEVELOPMENT**

This course is part of a block of courses. Credit hours are tracked for PBHL 550 only.

Credits:  
College: School of Public Health  
Department: Community Health & Prevention

**PBHL 555ES - ETHICS IN PUBLIC HEALTH I**

This course is part of a block of courses. Credit hours are tracked for PBHL 550 only.

Credits:  
College: School of Public Health  
Department: Community Health & Prevention

**PBHL 556ES - SOCIAL DETERMINANTS OF HEALTH**

This course is part of a block of courses. Credit hours are tracked for PBHL 550 only.

Credits:  
College: School of Public Health  
Department: Community Health & Prevention

**PBHL 560ES - MPH BLOCK VIIIA-COMM BASED MP**

Credits: 1.00  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 600ES - MPH BLK VI-MGMT LEADR ASSUR HS**

Explores critical elements of the assurance role of public health, beginning from the premise that effectiveness of program delivery and of the assurance role itself requires an understanding of organizations, leadership, and change, in economic, strategic and systematic context. Applies management concepts and theories through an integrated model of the management process. In the latter portion of the block, extends, applies, and integrates previously developed concepts and theories with those of strategy, planning, accounting, financial management, and information systems.

Credits: 4.00  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 600S - MPH BLOCK VI-MNGT LEAD, ASSUR**

Explores critical elements of the assurance role of public health, beginning from the premise that effectiveness of program delivery and of the assurance role itself requires an understanding of organizations, leadership and change, in economic, strategic, and systemic context. Applies management concepts and theories through an integrated model of the management process. In the latter portion of the block, extends, applies, and integrates previously developed concepts and theories with those of strategy, planning, accounting, financial management, and information systems.

Credits: 4.00  
College: School of Public Health

Department: Health Management & Policy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 601ES - ORGANIZATION&MGMT HEALTH SYSTE**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.

Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 601S - ORG & MGT OF HLTH SYSTEMS**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.

Credits:  
College: School of Public Health  
Department: Health Management & Policy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 602ES - ECONOMICS OF HEALTH CARE**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.

Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 602S - ECONOMICS OF HLTH CARE**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.

Credits:  
College: School of Public Health  
Department: SPH - Dean's Office  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 603ES - ORGANIZATION OF HEALTH CARE**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.

Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 603S - ORGANIZATION HLTH CARE**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.

Credits:  
College: School of Public Health  
Department: Health Management & Policy

Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 604ES - INTRODUCTION TO HEALTH FINANCE**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.  
Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 604S - INTRO TO HLTH FINANCE**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.  
Credits:  
College: School of Public Health  
Department: Health Management & Policy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 605ES - PRINC OF PUBLIC HEALTH LEAD I**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.  
Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 605S - PRIN OF PUB HLTH LEADERSHP I**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.  
Credits:  
College: School of Public Health  
Department: Health Management & Policy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 606ES - PUBLIC HEALTH SYST & STRATEGY**

This course is part of a block of courses. Credits hours are tracked for PBHL 600E only.  
Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 606S - PUBL HLTH SYS & STRATEGY**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.  
Credits:  
College: School of Public Health  
Department: Health Management & Policy  
Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 609ES - MEDICAL CARE ORGANIZATION**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.  
Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 609S - MEDICAL CARE ORGANIZATION**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.  
Credits:  
College: School of Public Health  
Department: Health Management & Policy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 610ES - PRINC OF PUBLIC HEALTH LAW II**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.  
Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 610S - PRIN OF PUBLIC HLTH LAW II**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.  
Credits:  
College: School of Public Health  
Department: Health Management & Policy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 611ES - TECHNOLOGY UTILIZATION**

This course is part of a block of courses. Credit hours are tracked for PBHL 600E only.  
Credits:  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 611S - TECHNOLOGY UTILIZATION**

This course is part of a block of courses. Credit hours are tracked for PBHL 600 only.  
Credits:  
College: School of Public Health  
Department: Community Health & Prevention  
Restrictions:  
Must be enrolled in one of the following Program Level(s):

Public Health

**PBHL 612ES - MPH BLK VII-PRGM PLAN & EVAL**

Beginning from the premise that the health-assurance role of public health begins with program planning, development, and evidence-based practice, this block examines concepts and theories underlying program planning, development, and evaluation. Emphasizes program application in context of specific problems and community context.

Credits: 4.00

College: School of Public Health

Department: SPH - Dean's Office

**PBHL 612S - MPH BLOCK VII-PROG PLAN & EVAL**

Beginning from the premise that the health-assurance role of public health begins with program planning, development, and evidence-based practice, this block examines concepts and theories underlying program planning, development, and evaluation. Emphasizes program application in context of specific problems and community context.

Credits: 4.00

College: School of Public Health

Department: Community Health & Prevention

Restrictions:

Must be enrolled in one of the following Program Level(s):

Public Health

**PBHL 613ES - PRGM PLANNING & DEVELOPMENT**

This course is part of a block of courses. Credit hours are tracked for PBHL 612E only.

Credits:

College: School of Public Health

Department: SPH - Dean's Office

**PBHL 613S - PROGRAM PLAN & DEV**

This course is part of a block of courses. Credit hours are tracked for PBHL 612 only.

Credits:

College: School of Public Health

Department: Community Health & Prevention

Restrictions:

Must be enrolled in one of the following Program Level(s):

Public Health

**PBHL 614ES - PROGRAM EVALUATION**

This course is part of a block of courses. Credit hours are tracked for PBHL 612E only.

Credits:

College: School of Public Health

Department: SPH - Dean's Office

**PBHL 614S - PROGRAM EVALUATION**

This course is part of a block of courses. Credit hours are tracked for PBHL 612 only.

Credits:

College: School of Public Health

Department: Community Health & Prevention

Restrictions:

Must be enrolled in one of the following Program Level(s):

Public Health

**PBHL 615ES - APPLIC OF PUBLIC&COMM HLTH PRI**

This course is part of a block of courses. Credit hours are tracked for PBHL 612E only.

Credits:

College: School of Public Health

Department: SPH - Dean's Office

**PBHL 615S - APPL OF PUB & COMM HLTH PRINS**

This course is part of a block of courses. Credit hours are tracked for PBHL 612 only.

Credits:

College: School of Public Health

Department: Community Health & Prevention

Restrictions:

Must be enrolled in one of the following Program Level(s):

Public Health

**PBHL 618S - COMM BASED MASTER'S PROJECT I**

The Community-Based Masters Project (CBMP) component is the primary service-learning activity that requires a year-long commitment to regular on-site experience, culminating in a written CBMP document, CBMP poster and CBMP oral defense.

Credits: 3.00

College: School of Public Health

Department: Community Health & Prevention

Restrictions:

Must be enrolled in one of the following Program Level(s):

Public Health

**PBHL 630ES - MPH BLOCK VIIIB-COMM BASED MP**

Independent Study

Credits: 1.00

College: School of Public Health

Department: SPH - Dean's Office

**PBHL 630S - MPH BLOCK VIIIA-CONCENTRATION**

Allows students to develop in-depth knowledge of concepts and theories, application skills, and competencies within their selected public-health major discipline.

Credits: 2.00

College: School of Public Health

Department: SPH - Dean's Office

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 635ES - MPH BLOCK VIII-COMM BASED MP**

Independent Study  
Credits: 2.00  
College: School of Public Health  
Department: SPH - Dean's Office

**PBHL 635S - MPH BLOCK VIII-B-CONCENTRATION**

Allows students to develop in-depth knowledge of concepts and theories, application skills, and competencies within their selected public health major discipline.  
Credits: 3.00  
College: School of Public Health  
Department: Environmental & Occupation Hlt

**PBHL 640ES - MPH BLOCK IX-ENVIRO&OCCUP HLTH**

Introduces concepts, theories, and programmatic applications within the fields of environmental and occupational health.  
Credits: 4.00  
College: School of Public Health  
Department: Environmental & Occupation Hlt

**PBHL 640S - MPH BLOCK IX-ENVIRO&OCCUP HLTH**

Introduces concepts, theories, and programmatic applications within the fields of environmental and occupational health.  
Credits: 4.00  
College: School of Public Health  
Department: Environmental & Occupation Hlt  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 641ES - PRIN OF ENVIRO&OCCUP HEALTH**

This course is part of a block of courses. Credit hours are tracked for PBHL 640E only.  
Credits:  
College: School of Public Health  
Department: Environmental & Occupation Hlt

**PBHL 641S - PRIN ENVIRON & OCC HEALTH**

This course is part of a block of courses. Credit hours are tracked for PBHL 640 only.  
Credits:  
College: School of Public Health  
Department: Environmental & Occupation Hlt  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 644ES - ETHICS IN PUBLIC HEALTH II**

This course is part of a block of courses. Credit hours are tracked for PBHL 640E only.  
Credits:  
College: School of Public Health  
Department: Environmental & Occupation Hlt

**PBHL 644S - ETHICS IN PUBLIC HEALTH II**

This course is part of a block of courses. Credit hours are tracked for PBHL 640 only.  
Credits:  
College: School of Public Health  
Department: Environmental & Occupation Hlt  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 650ES - MPH BLOCK X-POLICY&ADVOCACY**

Introduces the fundamentals of public-health law and the concepts and theories of health-policy development, adoption, and evaluation. Also introduces the advocacy process and its importance to development of sound public health policy. Students complete the M.P.H. program by exploring major public health topics in some depth. Emphasizes systemic integration and the integration of the assessment, assurance, and policy development roles of public health in problem, population, and political context.  
Credits: 4.00  
College: School of Public Health  
Department: Health Management & Policy

**PBHL 650S - MPH BLOCK X-POLICY & ADVOCACY**

Introduces the fundamentals of public-health law and the concepts and theories of health-policy development, adoption, and evaluation. Also introduces the advocacy process and its importance to development of sound public health policy. Students complete the M.P.H. program by exploring major public health topics in some depth. Emphasizes systemic integration and the integration of the assessment, assurance, and policy development roles of public health in problem, population, and political context.  
Credits: 4.00  
College: School of Public Health  
Department: Health Management & Policy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 651ES - PRINC IN HEALTH POLICY**

This course is part of a block of courses. Credit hours are tracked for PBHL 650E only.  
Credits:  
College: School of Public Health  
Department: Health Management & Policy

**PBHL 651S - PRIN OF HLTH POLICY**

This course is part of a block of courses. Credit hours are tracked for PBHL 650 only.

Credits:

College: School of Public Health

Department: Health Management & Policy

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 652ES - PRINC OF PUBLIC HTLH LDRSHP II**

This course is part of a block of courses. Credit hours are tracked for PBHL 650E only.

Credits:

College: School of Public Health

Department: Health Management & Policy

**PBHL 652S - PRIN PUBLIC HLTH LEADERSHIP II**

This course is part of a block of courses. Credit hours are tracked for PBHL 650 only.

Credits:

College: School of Public Health

Department: Health Management & Policy

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 653ES - STRATEGY POLICY&ADVOCACY**

This course is part of a block of courses. Credit hours are tracked for PBHL 650E only.

Credits:

College: School of Public Health

Department: Health Management & Policy

**PBHL 653S - STRATEGY, POLICY & ADVOCACY**

This course is part of a block of courses. Credit hours are tracked for PBHL 650 only.

Credits:

College: School of Public Health

Department: Health Management & Policy

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 656S - COMM BASED MASTER'S PROJCT II**

The Community-Based Masters Project (CBMP) component is the primary service-learning activity that requires a year-long commitment to regular on-site experience, culminating in a written CBMP document, CBMP poster and CBMP oral defense.

Credits: 3.00

College: School of Public Health

Department: Health Management & Policy

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Public Health

**PBHL 701S - Intro Descript Epidem/Biostats**

Introduction to Descriptive Epidemiology and Biostatistics. Epidemiology and biostatistical concepts and methods to be covered include techniques for describing and summarizing observations, for assessing associations among variables, and for determining the extent to which chance may be explaining and or/or influencing the observed results.

Credits: 3.00

College: School of Public Health

Department: Epidemiology & Biostatistics

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Semester  
Public Health

**PBHL 702S - Intro Analytic Epidem/Biostats**

Introduction to Analytic Epidemiology and Biostatistics. Key biostatistics methods and epidemiologic concepts covered during course include types of rates, rate calculations, rate adjustments, data display and interpretation, two-way ANOVA and Kaplan Meier survival curves.

Credits: 3.00

College: School of Public Health

Department: Epidemiology & Biostatistics

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Semester  
Public Health  
Pre-Requisites: PBHL 701S Minimum Grade: B or PBHL 701S Minimum Grade: S

**PBHL 703S - Design/Analysis Epidem Studies**

Design and Analysis of Epidemiological Studies. This course will demonstrate the applicability of the goals and approaches from descriptive and analytical methods in biostatistics and epidemiology courses to real world problems. The project will provide the student with the opportunity to use methods in an area of their choice.

Credits: 2.00 to 3.00

College: School of Public Health

Department: Epidemiology & Biostatistics

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Semester  
Public Health  
Pre-Requisites: (PBHL 701S Minimum Grade: B and PBHL 702S Minimum Grade: B ) or (PBHL 701S Minimum Grade: S and PBHL 702S Minimum Grade: S )

**PBHL 900S - Registered for Degree Only**

Credits: 1.00

College: School of Public Health

Department: School of Public Health

**PBHL 990S - THESIS DEFENSE**

Credits:

College: School of Public Health

Department: SPH - Dean's Office

Restrictions:

Must be enrolled in one of the following Program Level(s):

Public Health

**PBHL ADD - MPH BLOCK VIIC-COMM BASED MP**

Credits: 2.00

College: School of Public Health

Department: SPH - Dean's Office