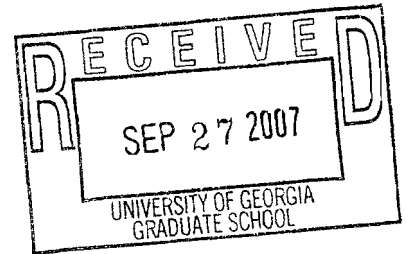




The University of Georgia

College of Public Health
MPH Program

PROPOSAL FOR AREA OF EMPHASIS



School/College: College of Public Health

Department/Division: Master of Public Health (MPH) Degree Program

Major: Public Health

Date: September 18, 2007

Major Requirements: All MPH students must complete 45 hours of coursework, which includes an internship requirement.

Area of Emphasis Title (as it will appear in the Bulletin):

- Biostatistics
- Environmental Health Science
- Epidemiology
- Health Policy and Management
- Health Promotion and Behavior

Proposed starting date: Fall 2007

Area of Emphasis Description:

Each MPH student is required to take 15 hours of general public health coursework, 12-15 hours of area of emphasis coursework, 9-12 hours of electives and 6 hours of internship (total 45 hours). The program of study for each area of emphasis is attached. The areas of emphasis are courses specific to one of the five main areas of study in public health. MPH students must follow all guidelines for grade point average and residency requirements set forth by the Graduate School.

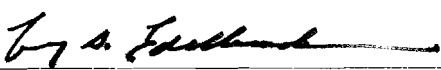
Signatures:

 9-21-07

 College of Public Health, Curriculum Committee Chair Date

 29 Sept 2007

 College of Public Health, Dean Date

 10-9-07

 Dean of Graduate School Date

 University Curriculum Committee Chair Date
 Paul D. Coverdell Center for Biomedical and Health Sciences • Athens, Georgia 30602-7396
 Telephone (706) 583-0059 • Fax (706) 542-6730
 An Equal Opportunity/Affirmative Action Institution

University of Georgia College of Public Health

Master of Public Health Degree Requirements — **Biostatistics**

The M.P.H. requires a minimum of 45 semester hours of coursework, including the completion of an internship. To graduate, students must pass a final culminating competency exam. The curriculum comprises the following areas and courses:

MPH Core Requirement Courses: 15 hours

- HPRB 7070 Program Planning Health Promotion and Disease Prevention
- EPID 7010 Introduction to Epidemiology I
- BIOS 7010 Introduction to Biostatistics I
- EHSC 7060 Fundamentals of Environmental Health
- HADM(PHRM) 7600 Introduction to Health Policy and Management

Biostatistics Core Requirements: 15 hours

- BIOS 7020 Introductory Biostatistics II
- EPID 7020 Introduction to Epidemiology II (*proposed course*)
- STAT 4510/6510 Mathematical Statistics I
- BIOS(STAT)4380/ 6380 Survival Analysis
- BIOS(STAT) 8220 Clinical Trials

Electives: 9 hours

The following is a sample of suggested electives for an MPH concentration in Biostatistics:

- BIOS 7100 Biostatistical Applications for the Pharmaceutical and Biotech. Industries
- STAT 4240/6240 Sampling and Survey Methods
- STAT 4290/6290 Nonparametric Methods
- STAT 4360/6360 Statistical Programming in SAS
- STAT4520/ 6520 Mathematical Statistics II
- STAT 4630/6630 Statistical Methods in Bioinformatics I
- STAT 4640/6640 Statistical Methods in Bioinformatics II
- BIOS 8100 Case Studies in Nonlinear Biostatistics
- BIOS 8110 Categorical Data Analysis
- STAT 8200 Design of Experiments for Research Workers
- STAT 8230 Applied Nonlinear Regression
- STAT 8250 Multivariate Methods

Seminar in Public Health (PBHL 8200, 1 hr): Students in the MPH program are required to take this seminar course once during their program of study. The course will incorporate guest speakers representing all areas of public health.

Internship in Public Health (PBHL 7560, 6 hours): The internship requires 300 clock hours in an appropriate public health setting. Students choose the site for their internship, with the assistance of the Internship Coordinator. The internship is intended to be a culminating experience at the end of the students' coursework.



University of Georgia College of Public Health

Master of Public Health Degree Requirements — Environmental Health Science

The M.P.H. requires a minimum of 45 semester hours of coursework, including the completion of an internship. To graduate, students must pass a final culminating competency exam. The curriculum comprises the following areas and courses:

MPH Core Requirement Courses: 15 hours

- HPRB 7070 Program Planning in Health Promotion and Disease Prevention
- EPID 7010 Introduction to Epidemiology I
- BIOS 7010 Introduction to Biostatistics I
- EHSC 7060 Fundamentals of Environmental Health Science
- HADM(PHRM) 7600 Introduction to Health Policy and Management

Environmental Health Science Core Requirements: 12 hours

(pick one class from 4 of the 5 areas = 12 hours)

Air Quality

- EHSC 4080/6080 Environmental Air Quality

Water Quality

- EHSC 4610/6610 Water Pollution and Human Health
- EHSC(ECOL)(FISH)(WASR) 8610 Aquatic Toxicology

Toxicology

- EHSC 4490/6490 Environmental Toxicology
- PHRM(VPHY)(POUL)(EHSC) 8930 Chemical Toxicology

Risk Assessment

- EHSC 8510/L Environmental Risk Assessment and Communication
- EHSC 8XXX Quantitative Microbial Risk Assessment

Environmental Microbiology

- EHSC(FDST)(MIBO)4310/6310-4310L/ 6310/L Environmental Microbiology
- EHSC 8310 Advanced Topics in Aquatic Microbiology, Health and the Environment

*Courses listed above in the **EHS Core** section may be used as electives if not taken as part of the 12 hour requirement.*

Examples of Public Health Electives: 12 hours

- EHSC 4100/6100-4100L6100/L Industrial Hygiene
- EHSC 4150/6150 Solid and Hazardous Waste Management
- EHSC 8400 Environmental and Occupational Diseases
- EHSC 4350/6350-4350L/6350/L Environmental Chemistry
- EHSC 8630/L Quantitative Ecological Toxicology
- EHSC 8550 Developmental and Reproductive Toxicology
- EHSC 8800 Special Problems in Environmental Health Science
- HPRB 4450/6450 Occupational Safety
- HADM 7400 Public Health, Law, and Society

Seminar in Public Health (PBHL 8200, 1 hr): Students in the MPH program are required to take this seminar course one time during their program of study. The course will incorporate guest speakers representing all areas of public health.

Internship in Public Health (PBHL 7560, 6 hours): The internship requires 300 clock hours in an appropriate public health setting. Students choose the site for their internship, with the assistance of the Internship Coordinator. The internship is intended to be a culminating experience at the end of



University of Georgia College of Public Health

Master of Public Health Degree Requirements — Epidemiology

The M.P.H. requires a minimum of 45 semester hours of coursework, including the completion of an internship. To graduate, students must pass a final culminating competency exam. The curriculum comprises the following areas and courses:

MPH Core Requirement Courses: 15 hours

- HPRB 7070 Program Planning in Health Promotion and Disease Prevention
- EPID 7010 Introduction to Epidemiology I
- BIOS 7010 Introduction to Biostatistics I
- EHSC 7060 Fundamentals of Environmental Health
- HADM(PHRM)7600 Introduction to Health Policy and Management

Epidemiology Core Requirements: 12 hours

- EPID 7020 Introduction to Epidemiology II (*proposed course*)
- EPID 8200 Molecular Epidemiology
- EPID(GRNT) 8400 Epidemiology of Chronic Disease
- BIOS 7020 Introductory Biostatistics II

Electives: 12 hours

The EPID concentration offers a focus either in general epidemiology, global infectious diseases (in collaboration with our Center for Tropical and Emerging Global Diseases), or molecular epidemiology (in collaboration with our Genetics Department). Students may choose from Public Health electives taught in the Department of Health Administration, Biostatistics and Epidemiology, and across the UGA campus appropriate for their focus. Examples of electives are listed below:

General Epidemiology

- EPID(GRNT) 8300 Epidemiology of Aging
- BIOS 8100 Case Studies in Nonlinear Biostatistics
- BIOS 8110 Categorical Data Analysis
- STAT 4240/6240 Sampling and Survey Methods
- STAT 4260/6260 Statistical Quality Assurance
- STAT 4290/6290 Nonparametric Methods
- STAT 4360/6360 Statistical Programming in SAS
- STAT 4630/6630 Statistical Methods in Bioinformatics I
- STAT 4640/6640 Statistical Methods in Bioinformatics II
- STAT 8200 Design of Experiments for Research Workers
- STAT 8250 Multivariate Methods
- PBHL 8100 Current Topics In Public Health

Molecular Epidemiology:

- GENE 6000 Adv. Evolutionary Biology
- GENE 8920 Nucleic Acids
- GENE 8950 Molecular Evolution
- BCMB 8210 Computational Methods Bioinformatics

Global Infectious Disease Epidemiology:

- MIBO(PBHL)(IDIS)(PBHL) 8260 Global Perspectives on Tropical and Emerging Infectious Diseases
- CBIO 8500 Biology of Parasitism
- ECOL 8500 Theoretical Ecology
- VPAT(IDIS) 8150 Virology and Viral Pathogenesis
- ENTO 8650 Vector Biology
- HPRB 5160/7160 Special Topics in Health Promotion and Behavior

Seminar in Public Health (PBHL 8200, 1 hr): Students in the MPH program are required to take this seminar course one time during their program of study. The course will incorporate guest speakers representing all areas of public health.

Internship in Public Health (PBHL 7560, 6 hours): The internship requires 300 clock hours in an appropriate public health setting. Students choose the site for their internship, with the assistance of the Internship Coordinator. The internship is intended to be a culminating experience at the end of the students' coursework.



University of Georgia College of Public Health

Master of Public Health Degree Requirements — Health Policy and Management

The M.P.H. requires a minimum of 45 semester hours of coursework, including the completion of an internship. To graduate, students must pass a final culminating competency exam. The curriculum comprises the following areas and courses:

MPH Core Requirement Courses: 15 hours

- HPRB 7070 Program Planning in Health Promotion and Disease Prevention
- EPID 7010 Introduction to Epidemiology I
- BIOS 7010 Introduction to Biostatistics I
- EHSC 7060 Fundamentals of Environmental Health
- HADM(PHRM) 7600 Introduction to Health Policy and Management

Health Policy Track Core Requirements: 12 hours

- HPRB 7470 Program Evaluation in Health Promotion and Health Education
- HADM 8600 Health Economics
- HADM 8400 Advanced Topics in Health Policy
- HADM 8850 Economic Evaluation of Public Health Interventions

OR

Health Management Track Core Requirements: 12 hours

- HPRB 7400 Worksite Health Promotion
- HADM(PHRM) 7700 Public Health and Healthcare Ethics
- HADM 8800 Leadership in Public Health
- HADM XXXX Comparative Healthcare Institutions

Electives: 12 hours

The HPM concentration offers a focus in either management or policy. Students may choose from Public Health electives taught in the Department of Health Policy and Management and across the UGA campus appropriate for their focus. Examples of electives are listed below:

Policy Focus Electives:

- EHSC(AAEC) 8120 Roles & Responsibilities of Environmental Policy Makers
- PADP 7520 Urban Policy
- PADP 8670 Policy Analysis I
- PADP 8630 Policy Implementation
- PADP 8850 Quantitative Analysis for Public Decision-Making
- PADP 8620 Policy Process
- PADP 8680 Policy Analysis II
- PADP 7900 Managing Volunteers in Public & Nonprofit Sectors
- PADP 8460 Organizational Behavior
- MGMT 9500 Strategic Management Research
- SPCM(HPRB)4610/ 6610 Health Communication

Management Focus Electives:

- HPRB 7270 Resource Development & Program Implementation in Health Promotion and Education
- SOCI 6950 Sociology of Organizations
- MGMT 7580 Management of Nonprofit Organizations
- PADP 6920 Public Personnel Administration
- PADP 6930 Public Financial Administration
- PADP 6960 Organizational Theory
- PADP 7930 Human Services Administration in Gov't
- PADP 7110 Research Methods in Public Administration
- PADP 7120 Data Applications in Public Administration
- PADP 7500 Local Government Management

General Electives

- GRNT 6000 Seminar in Aging
- GRNT 4010/6010 Biogerontology
- GRNT 6650 Aging in Society
- EADU 8110 Adult Ed. for Community Development

Seminar in Public Health (PBHL 8200, 1 hr): Students in the MPH program are required to take this seminar course one time during their program of study. The course will incorporate guest speakers representing all areas of public health.

Internship in Public Health (PBHL 7560, 6 hours): The internship requires 300 clock hours in an appropriate public health setting. Students choose the site for their internship, with the assistance of the Internship Coordinator. The internship is intended to be a culminating experience at the end of the students' coursework.

University of Georgia College of Public Health

Master of Public Health Degree Requirements — Health Promotion and Behavior

The M.P.H. requires a minimum of 45 semester hours of coursework, including the completion of an internship. To graduate, students must pass a final culminating competency exam. The curriculum comprises the following areas and courses:

MPH Core Requirement Courses: 15 hours

- HPRB 7070 Program Planning in Health Promotion and Disease Prevention
- EPID 7010 Introduction to Epidemiology I
- BIOS 7010 Introduction to Biostatistics I
- EHSC 7060 Foundations of Environmental Health
- HADM 7600 Introduction to Health Policy and Management

Health Promotion and Behavior Core Requirements: 15 hours

- HPRB 7270 Resource Development and Program Implementation in Health Promotion and Education
- HPRB 7370 Social Marketing of Health: Theory and Process
- HPRB 7470 Program Evaluation in Health Promotion and Health Education
- HPRB 7500 Community Health Promotion
- HPRB 7920 Health Behavior and Theory

Examples of Public Health Elective Courses: Choose 9 hours

- PBHL 8100 Current Topics in Public Health
- HPRB 5160/7160 Special Topics in Health Promotion and Behavior (Study Abroad)
- HPRB 7700 Analysis and Prevention of Injury and Violence
- HPRB 7400 Worksite Health Promotion
- HPRB 5210/7210 The Effects of Drug Use and Abuse
- HPRB 7200 Women in Health and Illness
- HPRB 5060/7060 Educational Strategies in Human Sexuality
- HPRB 4450/6450 Occupational Safety
- HPRB 4000/6000 Special Problems in Health Promotion and Behavior
- ECHD 7060 Cross Cultural Counseling
- SPCM(HPRB)4610/6610 Health Communication
- GRNT 6000 Seminar in Aging
- GRNT 4010/6010 Biogerontology
- GRNT 6650 Aging in Society

Seminar in Public Health (PBHL 8200, 1 hr): Students in the MPH program are required to take this seminar course one time during their program of study. The course will incorporate presentations from all areas of public health.

Internship in Public Health (PBHL 7560, 6 hours): The internship requires 300 clock hours in an appropriate public health setting. Students choose the site for their internship, with the assistance of the Internship Coordinator. The internship is intended to be a culminating experience at the end of the students' coursework.

