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:

[Signature]
College of Public Health, Curriculum Committee Chair

[Signature]
College of Public Health, Dean

[Signature]
Dean of Graduate School

[Signature]
University Curriculum Committee Chair

Date

[Signature]
Date

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Date

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Date
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
- EPI D 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
- EPI D 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
- STAT 4520/6520 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.

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- 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 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 Environmental and Occupational Diseases
- EHSC 8400 Environmental Chemistry
- EHSC 4350/6350-4350L/6350/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

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**MPH Core Requirement Courses: 15 hours**
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- 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 in Bioinformatics

**Global Infectious Disease Epidemiology:**
- MIBO(PBHL)(DIS)(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

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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:

<table>
<thead>
<tr>
<th>Policy Focus Electives</th>
<th>Management Focus Electives</th>
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<tbody>
<tr>
<td>EHSC(AAEC) 8120  Roles &amp; Responsibilities of Environmental Policy Makers</td>
<td>HPRB 7270  Resource Development &amp; Program Implementation in Health Promotion and Education</td>
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<tr>
<td>PAPD 7520  Urban Policy</td>
<td>SOCI 6950  Sociology of Organizations</td>
</tr>
<tr>
<td>PAPD 8670  Policy Analysis I</td>
<td>MGMT 7580  Management of Nonprofit Organizations</td>
</tr>
<tr>
<td>PAPD 8630  Policy Implementation</td>
<td>PAPD 6920  Public Personnel Administration</td>
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<tr>
<td>PAPD 8850  Quantitative Analysis for Public Decision-Making</td>
<td>PAPD 6930  Public Financial Administration</td>
</tr>
<tr>
<td>PAPD 8620  Policy Process</td>
<td>PAPD 6960  Organizational Theory</td>
</tr>
<tr>
<td>PAPD 8680  Policy Analysis II</td>
<td>PAPD 7930  Human Services Administration in Gov’t</td>
</tr>
<tr>
<td>PAPD 7900  Managing Volunteers in Public &amp; Nonprofit Sectors</td>
<td>PAPD 7110  Research Methods in Public Administration</td>
</tr>
<tr>
<td>PAPD 8460  Organizational Behavior</td>
<td>PAPD 7120  Data Applications in Public Administration</td>
</tr>
<tr>
<td>MGMT 9500  Strategic Management Research</td>
<td>PAPD 7500  Local Government Management</td>
</tr>
<tr>
<td>SPCM(HPRB)4610/ 6610  Health Communication</td>
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**General Electives**
- GRNT 6000  Seminar in Aging
- GRNT 4010/6010  Biogerontology
- GRNT 6650  Aging in Society
- EADU 8110  Adult Ed. for Community Development

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- 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

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