Master of Public Health, M.P.H.

**Academic Plans**

**Sample Plans of Study**

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

### Master of Public Health, M.P.H.
- Biostatistics Subprogram [p. 1]
- Community and Behavioral Health Subprogram [p. 1]
- Epidemiology Subprogram [p. 2]
- Occupational and Environmental Health Subprogram [p. 2]
- Policy Subprogram [p. 3]
- Practicing Veterinarians Subprogram [p. 3]
- Professional M.P.H. Option [p. 4]

#### Biostatistics Subprogram

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BIOS:5710</td>
<td>Biostatistical Methods I</td>
<td>3 - 4</td>
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<td>BIOS:5130</td>
<td>Biostatistical Methods II</td>
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<tr>
<td>BIOS:5510</td>
<td>Biostatistical Computing</td>
<td>2</td>
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<tr>
<td>OEH:4240</td>
<td>Global Environmental Health</td>
<td>3</td>
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<tr>
<td>EPID:4400</td>
<td>Epidemiology I: Principles</td>
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**Hours**: 13-14

#### Community and Behavioral Health Subprogram

<table>
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<tbody>
<tr>
<td>CBH:5220</td>
<td>Health Behavior and Health Education</td>
<td>3</td>
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<tr>
<td>CPH:5100</td>
<td>Introduction to Public Health</td>
<td>3</td>
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<tr>
<td>CBH:6335</td>
<td>Research Methods in Community and Behavioral Health</td>
<td>3</td>
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<tr>
<td>EPID:4400</td>
<td>Epidemiology I: Principles</td>
<td>3</td>
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**Hours**: 12

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**Second Year**

**Fall**

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<tr>
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<td>Biostatistical Methods in Categorical Data</td>
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<td>BIOS:5100</td>
<td>Introduction to Public Health</td>
<td>3</td>
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<tr>
<td>BIOS:5203</td>
<td>Interprofessional Education and Practice for M.P.H. Students III</td>
<td>0</td>
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<tr>
<td>BIOS Elective</td>
<td></td>
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**Hours**: 9

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<tr>
<td>BIOS Elective</td>
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<tr>
<td>BIOS Elective</td>
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<td>3</td>
</tr>
<tr>
<td>CPH:7200</td>
<td>M.P.H. Capstone Experience</td>
<td>1</td>
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<tr>
<td>CPH:7500</td>
<td>M.P.H. Applied Practice Experience</td>
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</table>

**Hours**: 9

**Total Hours**: 42-45

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- **a** Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.
- **b** Work with faculty advisor for approval of appropriate graduate level coursework.

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Master of Public Health, M.P.H.

CPH:5203  Interprofessional Education and Practice for M.P.H. Students III  0
BIOS:4120  Introduction to Biostatistics  3
CBH:5305  Evaluation: Approaches and Applications  3
CBH Elective  f  3

Spring
CBH:5235 or CBH:5310  Community-Based Participatory Research  c  or Qualitative Research for Public Health  3
CPH:7500  M.P.H. Applied Practice Experience  2
CPH:7200  M.P.H. Capstone Experience  1

Total Hours  12

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.
b CBH Theory requirement.
c CBH Methods requirement.
d CBH Community and Society requirement.
e CBH Intervention requirement.
f Work with faculty advisor for approval of appropriate graduate level coursework.

Epidemiology Subprogram

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS:4120</td>
<td>Introduction to Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>CPH:5100</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>EPID:4400</td>
<td>Epidemiology I: Principles</td>
<td>3</td>
</tr>
<tr>
<td>EPID:5600</td>
<td>Introduction to Epidemiology Data Management and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EPID:5925</td>
<td>Epidemiology Journal Club: Evaluating the Literature c</td>
<td>0</td>
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</table>

EPID:5925  Epidemiology Journal Club: Evaluating the Literature c  0

Second Year

Fall
EPID:5540  Public Health Surveillance Mechanisms, Applications, and Data  3
OEH:4240  Global Environmental Health  3
PATH:8133 or PATH:5270  Introduction to Human Pathology for Graduate Students or Pathogenesis of Major Human Diseases  3 - 4
CPH:5203  Interprofessional Education and Practice for M.P.H. Students III  0

EPID:5925  Epidemiology Journal Club: Evaluating the Literature c  0

Spring
EPID:5580  Public Health Laboratory Techniques  1
EPID Elective d, e  3
CPH:7200  M.P.H. Capstone Experience  1
CPH:7500  M.P.H. Applied Practice Experience  2

Total Hours  7

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.
b Students are expected to achieve at least 80% attendance at the seminar during each semester of enrollment.
c Students are required to achieve at least 80% attendance at Journal Club for three semesters during their time in the program.
d Work with faculty advisor for approval of appropriate graduate level coursework.
e Elective must have EPID prefix or may be either BIOS:6210 or BIOS:6310.

Occupational and Environmental Health Subprogram

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS:4120</td>
<td>Introduction to Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>CPH:5100</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>EPID:4400</td>
<td>Epidemiology I: Principles</td>
<td>3</td>
</tr>
<tr>
<td>EPID:5241</td>
<td>Statistical Methods in Epidemiology</td>
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<tr>
<td>EPID:6400</td>
<td>Epidemiology II: Advanced Methods</td>
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</table>

HMP:4000  Introduction to the U.S. Health Care System  3
CBH:4105  Introduction to Health Promotion and Disease Prevention  3
EPID:5925  Epidemiology Journal Club: Evaluating the Literature c  0

EPID:5925  Epidemiology Journal Club: Evaluating the Literature c  0

Spring
HMP:4000  Introduction to the U.S. Health Care System  3
CBH:4105  Introduction to Health Promotion and Disease Prevention  3
EPID:5241  Statistical Methods in Epidemiology  4
EPID:6400  Epidemiology II: Advanced Methods  4

OEH:4240  Global Environmental Health  3
EPID:4400  Epidemiology I: Principles  3
CPH:5100  Introduction to Public Health  3
OEH:5620  Occupational Health  3
OEH:5010  Occupational and Environmental Health Seminar b  0

Total Hours  12

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b Students are expected to achieve at least 80% attendance at the seminar during each semester of enrollment.
c Students are required to achieve at least 80% attendance at Journal Club for three semesters during their time in the program.
d Work with faculty advisor for approval of appropriate graduate level coursework.
e Elective must have EPID prefix or may be either BIOS:6210 or BIOS:6310.

Total Hours  42-43

A cumulative GPA of 3.00 is required.

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Spring
- CBH:4105 Introduction to Health Promotion and Disease Prevention 3
- HMP:4000 Introduction to the U.S. Health Care System 3
- OEH Required Core Course C 3
- OEH Required Core Course C 3
- OEH:5010 Occupational and Environmental Health Seminar b 0

Second Year
Fall
- BIOS:4120 Introduction to Biostatistics 3
- OEH Required Core Course C 3
- CPH:5203 Interprofessional Education and Practice for M.P.H. Students III 0
- OEH Elective d 3

Spring
- OEH:5010 Occupational and Environmental Health Seminar b 1
- OEH Elective d 3
- OEH Elective d 3
- CPH:7500 M.P.H. Applied Practice Experience 2

Hours 12

Total Hours 42-43

Policy Subprogram

Course Title Hours
Academic Career
Any Semester
42 s.h. of graduate level coursework must be completed; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website.
A cumulative GPA of 3.00 is required.

First Year
Fall
- HMP:4000 Introduction to the U.S. Health Care System b 3
- HMP:5610 Health Policy 3
- CPH:5100 Introduction to Public Health 3
- OEH:4240 Global Environmental Health 3

Hours 12

Spring
- BIOS:4120 Introduction to Biostatistics 3
- CBH:4105 Introduction to Health Promotion and Disease Prevention 3
- HMP:5650 Health Policy Analysis 3

Hours 9

Second Year
Fall
- EPID:4400 Epidemiology I: Principles 3
- HMP:6750 Seminar in Health Policy 3
- HMP:6610 Legal Aspects of Healthcare 3
- CPH:5203 Interprofessional Education and Practice for M.P.H. Students III 0

Hours 9

Spring
- Policy Elective c, d 3
- Policy Elective c, d 3
- Policy Elective c, d 3
- CPH:7200 M.P.H. Capstone Experience 1
- CPH:7500 M.P.H. Applied Practice Experience 2

Hours 12

Total Hours 42

Practicing Veterinarians Subprogram

Course Title Hours
Academic Career
Any Semester
42 s.h. of graduate level coursework must be completed; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website.
A cumulative GPA of 3.00 is required.
All courses are online unless otherwise noted.

First Year
Fall
- CBH:4105 Introduction to Health Promotion and Disease Prevention 3
- BIOS:4120 Introduction to Biostatistics 3

Hours 6

Spring
- EPID:4400 Epidemiology I: Principles 3
- OEH:4240 Global Environmental Health 3

Hours 6

Summer
- EPID:5570 Zoonotic Diseases b 3
- OEH:6110 Rural Health and Agricultural Medicine b 3
- CPH:5100 Introduction to Public Health 3

Hours 9

Second Year
Fall
- EPID:5200 Principles of Public Health Informatics 3

Hours 9

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.
b Students take OEH:5010 Occupational and Environmental Health Seminar three times: twice for 0 s.h. and once for 1 s.h.
c Take three courses from OEH:4260, OEH:4510, OEH:5410, OEH:6110, OEH:6510, OEH:6710.
d Work with faculty advisor for approval of appropriate graduate level coursework.

<table>
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<th>Title</th>
<th>Hours</th>
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<tr>
<td>CPH:5203</td>
<td>Interprofessional Education and Practice for M.P.H. Students III</td>
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### Spring

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<tbody>
<tr>
<td>EPID:5550</td>
<td>Diagnostic Microbiology for Epidemiology</td>
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<tr>
<td>CPH:7500</td>
<td>M.P.H. Applied Practice Experience</td>
<td>2</td>
</tr>
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<td>CPH:7200</td>
<td>M.P.H. Capstone Experience</td>
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### Hours

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<td>Food Safety c</td>
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<tr>
<td>EPID:5470</td>
<td>Applied Veterinary Epidemiology/Biostatistics c</td>
<td>3</td>
</tr>
<tr>
<td>HMP:4000</td>
<td>Introduction to the U.S. Health Care System</td>
<td>3</td>
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### Hours

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<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CPH:6700</td>
<td>Public Health Emergency Preparedness for Veterinarians and Other Public Health Disciplines</td>
<td>3</td>
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<tr>
<td>EPID:6910 or EPID:5500</td>
<td>Pharmacoepidemiology and Comparative Effectiveness Research or Introduction to Clinical Epidemiology</td>
<td>3</td>
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<tr>
<td>MPH Elective b</td>
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### Summer

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<tbody>
<tr>
<td>EPID:5300</td>
<td>Food Safety c</td>
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<tr>
<td>EPID:5470</td>
<td>Applied Veterinary Epidemiology/Biostatistics c</td>
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<tr>
<td>HMP:4000</td>
<td>Introduction to the U.S. Health Care System</td>
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### Hours

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<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CPH:5203</td>
<td>Interprofessional Education and Practice for M.P.H. Students III</td>
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### Total Hours

42

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### Professional M.P.H. Option

<table>
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<tr>
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<tr>
<td>EPID:4400</td>
<td>Epidemiology I: Principles</td>
<td>3</td>
</tr>
<tr>
<td>OEH:4240</td>
<td>Global Environmental Health</td>
<td>3</td>
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<tr>
<td>BIOS:4120</td>
<td>Introduction to Biostatistics</td>
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### Hours

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### Spring

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<th>Hours</th>
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<tbody>
<tr>
<td>CBH:4105</td>
<td>Introduction to Health Promotion and Disease Prevention</td>
<td>3</td>
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<tr>
<td>OEH:6110</td>
<td>Rural Health and Agricultural Medicine</td>
<td>3</td>
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<tr>
<td>MPH Elective b</td>
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### Hours

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<td>Introduction to Public Health</td>
<td>3</td>
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<tr>
<td>HMP:4000</td>
<td>Introduction to the U.S. Health Care System</td>
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### Hours

6

### Second Year

<table>
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<tbody>
<tr>
<td>CPH:6700</td>
<td>Public Health Emergency Preparedness for Veterinarians and Other Public Health Disciplines</td>
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b Work with faculty advisor for approval of appropriate graduate level coursework.