2021-2022 Combined Doctor of Medicine (MD)/Master of Public Health with a specialization in CLINICAL TRANSLATIONAL SCIENCE

The Master of Public Health (MPH) degree program is designed to provide students with the knowledge and skills for general and specialized applied public health practice, both in the public sector and in private sector careers related to population health. It includes courses within public health’s foundation disciplines of biostatistics, environmental health science, epidemiology, health behavior & health promotion, and health services management and policy. This broad training is complemented by the more in-depth course work within the specialization including a practicum and culminating experience.

Students admitted to the MPH degree program are assigned a faculty advisor who will provide guidance throughout the program. This document serves as a resource to be used by the student and the advisor in planning a program with a specialization in Clinical Translational Science (CTS) but is not inclusive of all important degree, college, and university requirements. All students are expected to be familiar with the College of Public Health (CPH) Graduate Student Handbook [http://cph.osu.edu/students/graduate/handbooks](http://cph.osu.edu/students/graduate/handbooks), the Graduate School Handbook [http://www.gradsch.ohio-state.edu/](http://www.gradsch.ohio-state.edu/) and the CPH competencies: [http://go.osu.edu/cphcompetencies](http://go.osu.edu/cphcompetencies).

### PROGRAM OF STUDY

The MPH-CTS curriculum consists of a minimum of 42 credits organized into five curricular domains:

1. Foundation courses in areas of knowledge basic to public health (12 credits)
2. CTS Specialization courses (17 credits)
3. Electives (7 credits that overlap with College of Medicine credits)
4. Applied Practice Experience (2 credits)
5. Integrative Learning Experience in Public Health (3 credits)

#### MPH Integrated Foundational Curriculum (12 credits)

Every student in the MPH-CTS program must take the following courses in areas of knowledge basic to public health:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBHTLH 6001</td>
<td>Methods in Quantitative Data Analysis</td>
<td>4</td>
</tr>
<tr>
<td>PUBHLTH 6002</td>
<td>History, Values and Essential Services of the U.S. Public Health System</td>
<td>2</td>
</tr>
<tr>
<td>PUBHLTH 6003</td>
<td>Methods in Public Health Planning and Evaluation</td>
<td>2</td>
</tr>
<tr>
<td>PUBHLTH 6004</td>
<td>Essentials of Population Health</td>
<td>4</td>
</tr>
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</table>

#### Required Courses in the CTS Specialization (17 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBHBIO 6211</td>
<td>Design &amp; Analysis of Studies in the Health Sciences II</td>
<td>3</td>
</tr>
<tr>
<td>BMI 5750</td>
<td>Methods in Biomedical Informatics</td>
<td>3</td>
</tr>
<tr>
<td>PUBHEPI 6412</td>
<td>Basic Principles in Clinical Translational Science</td>
<td>2</td>
</tr>
<tr>
<td>PUBHEPI 6413</td>
<td>Conducting &amp; Communicating Research in Clinical Translational Science</td>
<td>2</td>
</tr>
<tr>
<td>PUBHEPI 7410</td>
<td>Epidemiology II &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>PUBHEPI 7412</td>
<td>Principles &amp; Procedures for Human Clinical Trials</td>
<td>3</td>
</tr>
</tbody>
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#### Electives (7 credits)

College of Medicine coursework overlaps with the 7 credit hours of electives required

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>7</td>
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</table>

#### Applied Practice Experience

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBHLTH 7189</td>
<td>Applied Practice Experience in Public Health</td>
<td>2</td>
</tr>
</tbody>
</table>

*****Questions regarding the student’s program of study should be directed to the faculty advisor*****
## Integrative Learning Experience

**PUBHLTH 7998**  
Integrative Learning Experience in Public Health  
3 credits

### Curriculum Plan

| Year 1 | Autumn | PUBHLTH 6001†  
PUBHLTH 6002†  
PUBHEPI 6412 | Methods in Quantitative Data Analysis  
History, Values and Essential Services of the U.S. Public Health System  
Basic Principles in Clinical Translational Science | 4 credits  
2 credits  
2 credits |
| --- | --- | --- | --- | --- |
| Spring | PUBHLTH 6003†  
PUBHLTH 6004†  
PUBHEPI 6413  
PUBHEPI 7410  
PUBHEPI 7412  
PUBHBIO 6211 | Methods in Public Health Planning and Evaluation  
Essentials of Population Health  
Conducting & Communicating Research in Clinical Translational Science  
Epidemiology II & Lab  
Principles & Procedures for Human Clinical Trials  
Design and Analysis of Studies in the Health Sciences II | 2 credits  
4 credits  
2 credits  
4 credits  
3 credits  
3 credits |
| Summer | BMI 5750  
PUBHLTH 7189 | Methods in Biomedical Informatics and Data Science  
Applied Practice Experience | 3 credits  
2 credits |

**Graduate course to be completed after returning to College of Medicine:**

| PUBHLTH 7998 | Integrative Learning Experience in Public Health | 3 credits |

### Grade Policy:

In addition to the general Graduate School requirements of a cumulative grade point average of 3.0 or higher, students must meet specific college policies regarding grades in Foundation and specialization courses. Students should familiarize themselves with Section 11 of the College of Public Health Graduate Student Handbook.

### College of Public Health - Office of Academic Programs and Student Services (OAPSS)

OAPSS staff are available to provide assistance with College, Graduate School and University policies and procedures.  
(614) 292-8350/100 Cunz Hall/1841 Neil Ave/Columbus, Ohio/ 43210/cph.osu.edu

### Graduation:

Combined Degree students are required to contact OAPSS the semester prior to the desired semester of graduation with the Master of Public Health degree to enrollment in the Integrative Learning Experience course (PUBHLTH 7998); students cannot enroll themselves in the course.  
Combined degree students are required to apply for graduation officially with the Graduate School one semester prior to the semester of graduation.

*****Questions regarding the student’s program of study should be directed to the faculty advisor*****