2019-2020 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 coursework 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, the Graduate School Handbook http://www.gradsch.ohio-state.edu/ and the CPH competencies: http://go.osu.edu/cphcompetencies.

PROGRAM OF STUDY

The MPH-CTS curriculum consists of a minimum of 45 credits organized into five curricular domains:

1. Foundation courses in areas of knowledge basic to public health (16 credits)
2. CTS Specialization courses (17 credits)
3. Electives (7 credits that overlap with College of Medicine credits)
4. Practicum (2 credits)
5. Culminating Project (3 credits)

Public Health Foundation Courses (16 credits)

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

- **Biostatistics**
  - PUBHBIO 6210: Design and Analysis of Studies in the Health Sciences 3 credits

- **Environmental Health Sciences**
  - PUBHEHS 6310: Principles of Environmental Health Science 3 credits

- **Epidemiology**
  - PUBHEPI 6430: Epidemiology I & Lab 4 credits

- **Social and Behavioral Sciences**
  - PUBHHBP 6510: Preventing Disease and Promoting Health through Behavioral Science 3 credits

- **Health Services Administration**
  - PUBHHMP 6610: Introduction to Health Care Organization 3 credits

Required Courses in the CTS Specialization (17 credits)

- **PUBHBIO 6211**: Design & Analysis of Studies in the Health Sciences II 3 credits
- **BMI 5750**: Methods in Biomedical Informatics 3 credits
- **PUBHEPI 6412**: Basic Principles in Clinical Translational Science 2 credits
- **PUBHEPI 6413**: Conducting & Communicating Research in Clinical Translational Science 2 credits
- **PUBHEPI 7410**: Epidemiology II & Lab 4 credits
- **PUBHEPI 7412**: Principles & Procedures for Human Clinical Trials 3 credits

*****Questions regarding the student’s program of study should be directed to the faculty advisor*****
### Electives (7 credits)
College of Medicine coursework overlaps with the 7 credit hours of electives required

### Practicum
- Course: PUBHLTH 7189  
  Description: Practicum in Public Health  
  Credits: 2 credits

### Culminating Project
- Course: PUBHLTH 7998  
  Description: Culminating Project in Public Health  
  Credits: 3 credits

### Curriculum Plan

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Autumn</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>PUBHBIO 6210</td>
<td>Design and Analysis of Studies in the Health Sciences I</td>
<td>3 credits</td>
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<tr>
<td></td>
<td>PUBHEPI 6412</td>
<td>Basic Principles in Clinical Translational Science</td>
<td>2 credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PUBHEPI 6430</td>
<td>Epidemiology I &amp; Lab</td>
<td>4 credits</td>
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<tr>
<td></td>
<td>PUBHHBP 6510</td>
<td>Preventing Disease and Promoting Health through Behavioral Science</td>
<td>3 credits</td>
<td></td>
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<tr>
<td></td>
<td>PUBHEHS 6310</td>
<td>Principles of Environmental Health Science</td>
<td>3 credits</td>
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<thead>
<tr>
<th>Year 1</th>
<th>Spring</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>PUBHEPI 6413</td>
<td>Conducting &amp; Communicating Research in Clinical Translational Science</td>
<td>2 credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PUBHEPI 7410</td>
<td>Epidemiology II &amp; Lab</td>
<td>4 credits</td>
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<tr>
<td></td>
<td>PUBHEPI 7412</td>
<td>Principles &amp; Procedures for Human Clinical Trials</td>
<td>3 credits</td>
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<tr>
<td></td>
<td>PUBHBIO 6211</td>
<td>Design and Analysis of Studies in the Health Sciences II</td>
<td>3 credits</td>
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<tr>
<td></td>
<td>PUBHHMP 6610</td>
<td>Introduction to Health Care Organization</td>
<td>3 credits</td>
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<tr>
<td></td>
<td>PUBHLTH 7189</td>
<td>Practicum</td>
<td>2 credits</td>
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<tr>
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<th>Summer</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>BMI 5750</td>
<td>Methods in Biomedical Informatics and Data Science</td>
<td>3 credits</td>
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**Graduate course to be completed after returning to College of Medicine:**
- Course: PUBHLTH 7998  
  Description: Culminating Project in Public Health  
  Credits: 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

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