

## 2023-2024 Curriculum Guide for Master of Public Health degree program with a specialization in CLINICAL TRANSLATIONAL SCIENCE

The Master of Public Health (MPH) The 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 an applied practice experience and integrative learning 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. This is not considered an on-line degree program; however, students will enroll in a combination of courses designed for on-campus in-person delivery (IP), distance learning (DL), or hybrid (HY). 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* <https://gradsch.osu.edu/handbook> and the CPH competencies: <http://go.osu.edu/cphcompetencies>.

### PROGRAM OF STUDY

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

1. MPH Integrated Foundational curriculum health including the Buck-IPE\* (12 credit hours)
2. CTS Specialization courses (17 credit hours)
3. Electives (8 credit hours)
4. Applied Practice Experience (2 credit hours)
5. Integrative Learning Experience (3 credit hours)

\*In addition to credit hour requirements, The Ohio State University College of Public Health requires all Master of Public Health students to participate in interprofessional practice and education activities. To meet this requirement, first-year students will participate in Buck-IPE, a longitudinal curriculum for students in health science and allied health professional programs at The Ohio State University. Information about participation and assessment will be shared with MPH students as part of the Integrated Foundational Curriculum (in PUBHLTH 6002 and 6004).

### MPH Integrated Foundational curriculum (12 credit hours)

Every student in the MPH-CTS program must take the following MPH Integrated Foundational curriculum:

PUBHTLH 6001	Methods in Quantitative Data Analysis	4 credit hours
PUBHLTH 6002	History, Values and Essential Services of the U.S. Public Health System	2 credit hours
PUBHLTH 6003	Methods in Public Health Planning and Evaluation	2 credit hours
PUBHLTH 6004	Essentials of Population Health	4 credit hours

### Required Courses in the CTS Specialization (17 credit hours)

PUBHBIO 6211	Applied Biostatistics II	3 credit hours
PUBHEPI 6412	Basic Principles in Clinical Translational Science	2 credit hours
PUBHEPI 6413	Conducting & Communicating Research in Clinical Translational Science	2 credit hours
PUBHEPI 7410	Epidemiology II & Lab	4 credit hours
PUBHEPI 7412	Principles & Procedures for Human Clinical Trials	3 credit hours

**Select one:**

PUBHBIO 6250	Regression Methods for the Health Sciences	3 credit hours
BMI 5750	Methods in Biomedical Informatics	

**Recommended Electives (8 credit hours)** Additional electives may be selected from other courses with approval of the advisor.

PUBHBIO 6270	Introduction to SAS for Public Health students	2 credit hours
PUBHHBP 7520	Community Health Assessment	2 credit hours
PUBHHBP 7522	Program Planning and Implementation	3 credit hours
PUBHHBP 7532	Program Evaluation in Public Health	3 credit hours
PUBHHMP 7678	Approaches to Health Services Research	4 credit hours
BMI 5710	Introduction to Biomedical Informatics	3 credit hours

**Applied Practice Experience**

PUBHLTH 7189	Applied Practice Experience	2 credit hours
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**Integrative Learning Experience**

PUBHLTH 7998	Integrative Learning Experience in Public Health	3 credit hours
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**Sample Curriculum Plan for the Master of Public Health in Clinical Translational Science**

(THIS IS ONE OPTION, STUDENTS ARE ADVISED TO CONSULT WITH THEIR ADVISOR FOR OTHER OPTIONS)

TERM	COURSE	COURSE TITLE	CREDIT HOURS	TERM(S) OFFERED	DELIVERY MODE
<b>Year 1 Autumn</b>	PUBHLTH 6001	Methods in Quantitative Data Analysis	4	AU	DL
	PUBHLTH 6002	History, Values & Essential Services of U.S. Public Health System	2	AU	DL
	PUBHEPI 6412	Basic Principles in Clinical Translational Science	2	AU	IP
<b>Year 1 Spring</b>	PUBHLTH 6003	Methods in Public Health Planning and Evaluation	2	SP	DL
	PUBHLTH 6004	Essentials of Population Health	4	SP	DL
	PUBHEPI 6413	Conducting & Communicating Research in CTS	2	SP	IP
	PUBHEPI 7410	Epidemiology II & Lab	4	SP	IP
	PUBHEPI 7412	Principles & Procedures for Human Clinical Trials	3	SP	IP
	PUBHBIO 6211	Applied Biostatistics II	3	AU, SP	DL or IP
<b>Year 1 Summer</b>	PUBHLTH 7189	Applied Practice Experience	2	ANY	
	BMI 5750^	Methods in Biomedical Informatics and Data Science	3	SU	DL
<b>Year 2 Autumn</b>	PUBHBIO 6250^	Regression Methods for the Health Sciences	3	AU	IP
	ELECTIVES		8	ANY	
	PUBHLTH 7998	Integrative Learning Experience in Public Health	3	ANY	

^ Choose one

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

**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](http://cph.osu.edu) . Questions regarding the student's program of study should be directed to the faculty advisor.