THE OHIO STATE UNIVERSITY
COLLEGE OF PUBLIC HEALTH

2022-2023 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 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 42 credits organized into five curricular domains:

1. MPH Integrated Foundational curriculum (12 credits)
2. CTS Specialization courses (17 credits)
3. Electives (8 credits)
4. Applied Practice Experience (2 credits)
5. Integrative Learning Experience (3 credits)

MPH Integrated Foundational curriculum‡ (12 credits)

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

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

Required Courses in the CTS Specialization (17 credits)

PUBHBIO 6211	Applied Biostatistics II	3 credits
PUBHBIO 6250 or BMI 5750	Regression Methods for the Health Sciences 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

Recommended Electives (8 credits)

PUBHBIO 6270	Introduction to SAS for Public Health students	2 credits
PUBHHBP 7520	Community Health Assessment	2 credits
PUBHHBP 7522	Program Planning and Implementation	3 credits
PUBHHBP 7532	Program Evaluation in Public Health	3 credits

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

PUBHHBP 7554	Fundamental Determinants of Population Health	3 credits
PUBHHBP 7558	Policy as a Prevention Strategy	2 credits
PUBHHMP 7678	Approaches to Health Services Research	3 credits

Applied Practice Experience

| PUBHLTH 7189 | Applied Practice Experience | 2 credits |

Integrative Learning Experience

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

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)

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

^ Choose one

ǂPUBHLTH 6001-6004: Students will be enrolled by The College of Public Health Office of Academic Programs and Student Services for these courses.

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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