

MPH Full-Time (2 Years)

Autumn (14 weeks) – Year 1	Credit Hours	Spring (14 weeks) – Year 1	Credit Hours	May Term (4 weeks) + Summer (12 weeks)– Year 1	Credit Hours
PUBHBIO 6210 – Design & Analysis of Studies in Health Sciences 1	3 Credit Hours	PUBHHSM 6610 – Introduction to Health Care Organization	3 Credit Hours	PUBHLTH 7189 – Public Health Practicum*	3 Credit Hours
PUBHEHS 6410 – Principles of Epidemiology	3 Credit Hours	PUBHEPI 6310 – Environmental Health Science	3 Credit Hours		
PUBHHBP 6510 – Preventing Disease & Promoting Health Through Behavioral Science	3 Credit Hours	PUBHBIO 6211 – Design & Analysis of Studies in Health Sciences II	3 Credit Hours		
BMI 5710 – Introduction to Biomedical Informatics	3 Credit Hours	BMI 5740 – Introduction to Research Informatics	3 Credit Hours		
BMI 7891 – Seminars in Biomedical Informatics	0 Credit Hour	BMI 7891 – Seminars in Biomedical Informatics	0 Credit Hour		

*The practicum can be completed either May or May & Summer of Year 1's summer term.

Autumn (14 weeks) – Year 2	Credit Hours	Spring (14 weeks) – Year 2	Credit Hours	May Term (4 weeks) + Summer (12 weeks)– Year 2	Credit Hours
BMI 5760 – Public Health Informatics	3 Credit Hours	PUBHLTH 7998 – Culminating Project	3 Credit Hours		
BMI 7840 – Advanced Topics in Biomedical Data Management	3 Credit Hours	Elective^	3 Credit Hours		
BMI 7891 – Seminars in Biomedical Informatics	1 Credit Hour	BMI 7891 – Seminars in Biomedical Informatics	1 Credit Hour		
Elective^	3 Credit Hours	Elective^	3 Credit Hours		

^ electives can be chosen from the following:

Available Electives

BMI 5720 Introduction to Imaging Informatics	3 cr		
BMI 5730 Introduction to Bioinformatics	3 cr		
& - BMI 5750 – Methods in Biomedical Informatics	3 Cr		
§ - BMI XXXX – Acculturation to Medicine	3 Cr		
BMI 7810 Adv. Topics in Clinical Informatics	3 cr		
BMI 7820 Biological and Medical Image Analysis	3 cr		
BMI 7830 Systems Biology	3 cr		
PUBHBIO 6212 Regression Methods for Hlth Sci	3 cr		
§ - PUBHHMP 7605 Introduction to Health Policy	3 cr		
PUBHHMP 7678 Intro Health Services Research	3 cr		
PUBHHMP 7682 Information Sys Hlth Serv Org	3 cr		
PUBHBIO6270 Intro SAS for Public Hlth Studt.	3 cr		
§ - PUBHBIO7220 Applied Logistic Regression	3 cr		
§ - PUBHBIO7225 Survey Sampling Methods	3 cr		
PUBHBIO7235 Applied Survival Analysis	3 cr		
PUBHEPI 6412 Prin Clin and Translational Sci	2 cr		
PUBHEPI 6414 Sci Writing Biomed and Clin Sci	1 cr		
		§ - PUBHEPI 6413 Conduct. & Comm. Research in Clin.&Trans. Sci	2 cr
		§ - PUBHEPI 6401 Health Data Sources and Uses	3 cr
		PUBHHBP 7534 Research Methods in HBHP	3 cr
		PUBHEPI 6431 Des.&Implt. Health Surveys	3 cr
		&% - CSE 4221 Intro to Object Oriented (OO) Programming	3 cr
		CSE 5231 Software Engineering Techniques	2 cr
		CSE 5232 Software Requirements Analysis	2 cr
		& - CSE 5241 Introduction to Database Systems	2 cr
		CSE 5243 Introduction to Data Mining	2 cr
		&% - CSE 5331 Data Structures & Algorithms	2 cr
		& - CSE 5521 Survey of Artificial Intel I: Basic Tech	2 cr
		CSE 5522 - Survey of Artificial Intel II: Adv Tech	2 cr
		CSE 5531 Introduction to Cognitive Science	3cr

& - heavily recommended for those without a background in computer science and programming.

&% - prerequisites to be taken in addition to the Master degree's credits for those without programming experience.

§ - recommended for those with a programming background but lacking in clinical experience.

