MS 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	PUBHBIO 6211 – Design & Analysis of Studies in Health Sciences II	3 Credit Hours	Elective*	3 Credit Hours
PUBHEPI 6430 – Epidemiology 1	4 Credit Hours	PUBHEPI 7410 – Epidemiology II	4 Credit Hours	Elective*	2 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	Ethics Course (EX: SURG 8814 – Responsible Conduct of Research: Human Participants and the Use of Animals in Biomedical Research)	2 Credit Hours		
		BMI 7891 – Seminars in Biomedical Informatics	1 Credit Hours		

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 7999 – Thesis in Biomedical Informatics	3 Credit Hours	BMI 7999 – Thesis in Biomedical Informatics	3 Credit Hours		
PUBHBIO 6212 – Regression Methods for Health Sciences	3 Credit Hours	BMI 7840 – Advanced Topics in Biomedical Data Management	3 Credit Hours		
Elective*	3 Credit Hours	BMI 7891 – Seminars in Biomedical Informatics	0 Credit Hour		
BMI 7891 – Seminars in Biomedical Informatics	1 Credit Hours	Elective*	3 Credit Hours		

*Electives can be chosen from the following:

Available Electives

&% - 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 5332 Data Structures & Algorithms	2 Cr
& - CSE 5241 Introduction to Database Systems	2 Cr
CSE 5243 Introduction to Data Mining	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	3 Cr
BMI 5720 Introduction to Imaging Informatics	3 Cr
BMI 5730 Introduction to Bioinformatics	3 Cr
$ - BMI 5760 Public Health Informatics	3 Cr
BMI 5770 – Health Analytics	3 Cr
BMI 7810 Adv. Topics in Clinical Informatics	3 Cr
BMI 7820 Biological and Medical Image Anal.	3 Cr
BMI 7830 Systems Biology	3 Cr
& - BMI 5750 - Methods in Biomedical Informatics	3 Cr
$ - BMI XXXX – Acculturation to Medicine	3 Cr
$ - PUBHHMP 6611 Intro Health Care Organization	3 Cr
PUBHHMP 7682 Info Sys Health Services Org	3 Cr
$ - PUBHHMP 7605 Introduction to Health Policy	3 Cr
PUBHHMP 7678 Intro Health Services Research	3 Cr
$ - PUBHBIO6270 Intro SAS for Public Health Students	3 Cr
PUBHBIO7220 Applied Logistic Regression	3 Cr
$ - PUBHBIO7225 Survey Sampling Methods	3 Cr
PUBHBIO7235 Applied Survival Analysis	3 Cr
PUBHEPI 7430 Epidemiology III	4 Cr
PUBHEPI 6412 Prin Clin and Translational Sci	2 Cr
$ - PUBHEPI 6413 Conduct. and Communicating Research in Clinical and Translational Science	2 Cr
$ - PUBHEPI 6401 Health Data Sources and Uses	3 Cr
PUBHEPI 6414 Sci Writing Biomed and Clin Sci	1 Cr
PUBHHBP 7534 Research Methods in HBHP	3 Cr
$ - PUBHEPI 6431 Design and Implement. Health Surveys	3 Cr

& - 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.