

HEALTH INFORMATICS, MASTER OF SCIENCE (MS)

Recommended Course Sequence

Full-Time Course Sequence

Course	Title	Hours
First Year		
Fall		
CPSC 602	Introduction to Health Informatics	3
CPSC 605	Data Mining and Data Analysis	3
HLTH 631	Foundations of Public Health	3
HLTH 628 or STAT 603	Biostatistics for Public Health or Statistical Methods	3
Hours		12
Winter		
HLTH 605	Health Services Administration	3
Hours		3
Spring		
CPSC 620	Healthcare Ethics, Law, Privacy and Information Assurance	3
CPSC 623	Database Systems, Modeling and Security	3
CPSC 685	Big Data Analytics	3
CPSC 668	Software Engineering and Project Management	3
Hours		12
Summer		
CPSC 606	Data Visualization	3
CPSC 720 or CPSC 750	Health Informatics Capstone or Informatics Internship	3
Hours		6
Total Hours**		33

** This document is meant to serve as a guide. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.

Part-Time Course Sequence

Course	Title	Hours
First Year		
Fall		
CPSC 602	Introduction to Health Informatics	3
CPSC 605	Data Mining and Data Analysis	3
Hours		6
Winter		
HLTH 605	Health Services Administration	3
Hours		3
Spring		
CPSC 620	Healthcare Ethics, Law, Privacy and Information Assurance	3
CPSC 623	Database Systems, Modeling and Security	3
Hours		6

Summer		
CPSC 606	Data Visualization	3
Hours		3
Second Year		
Fall		
HLTH 628 or STAT 603	Biostatistics for Public Health or Statistical Methods	3
HLTH 631	Foundations of Public Health	3
Hours		6
Spring		
CPSC 685	Big Data Analytics	3
CPSC 668	Software Engineering and Project Management	3
Hours		6
Summer		
CPSC 720 or CPSC 750	Health Informatics Capstone or Informatics Internship	3
Hours		3
Total Hours**		33

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