



**METROPOLITAN STATE UNIVERSITY**  
**OF DENVER**  
**College of Professional Studies**

Health Care Information Systems, B.S.

No Minor Required

Fall 2017 catalog year

First Year		
Fall: 16 Credits	Written Communication (3)	
	MTH 1210 (4) Introduction to Statistics	
	Historical (3) GD recommended	
	Social and Behavioral Sciences I (3) MC recommended	
	Oral Communication (3)	
Spring: 15 Credits	Written Communication (3)	
	Arts and Humanities (3)	
	Natural & Physical Sciences (3)	
	CIS 1010 Introduction to Computers (3)	
	General Elective (3)	

Third Year		
Fall: 15 Credits	CIS 3030 (3) Business Web Page Development	
	CIS 3060 (3) Database Management Systems	
	HCM 3030 (3) Health Care Jurisprudence	
	HCM 3400 (3) Human Resources Mgmt. in Health Care	
	HCM 3600 (3) Health Information Systems	
Spring: 15 Credits	CIS 3230 (3) Telecommunication Systems and Networking	
	CIS 3460 (3) Data Warehousing and Mining	
	HCM 4030 (3) Financial Management in Health Care	
	HCM 4150 (3) EMR Applications & Support	
	HCIS Elective (3)	

Second Year		
Fall: 15 Credits	CIS 2010 (3) Foundations of Information Systems *	
	ACC 2010 (3) Principles of Accounting I	
	Natural & Physical Sciences (3)	
	Social and Behavioral Sciences II (3)	
	Arts and Humanities (3)	
Spring: 15 Credits	CIS 2110 (3) Structured Problem Solving in Information	
	HCM 3010 (3) Health Care Organization	
	HCM 3020 (3) Management Principles in Health Care	
	General Elective (3)	
	General Elective (3)	

Fourth Year		
Fall: 15 Credits	CIS 3500 (3) Information Systems Security	
	HCM 4300 (3) Strategic Management in Health Care	
	HCM 4350 (3) Health Care Information Systems App	
	HCIS Elective (3)	
	HCIS Elective (3)	
Spring: 14 Credits	CIS 4030 (3) Web Site Administration	
	CIS 4920/HCM 4920 (3) HCIS Internship	
	General Elective (3)	
	General Elective (3)	
	General Elective (2)	

\* students may take a placement test or take CIS 1010 as a general elective in Spring of first year in order to place into CIS 2010 in Fall of second year.