



**METROPOLITAN STATE UNIVERSITY™**  
OF DENVER

College of Health and Applied Sciences

Health Care Information Systems, B.S.

(no minor required)

Spring 2021 catalog year

First Year		
Fall: 15-16 Credits	Written Communication (3)	
	Quantitative Literacy (3-4) MTH 1210 recommended*	
	Historical (3) GD recommended	
	Social and Behavioral Sciences (3) MC recommended	
	Oral Communication (3)	
Spring: 15 Credits	Written Communication (3)	
	Arts and Humanities (3)	
	Natural & Physical Sciences (3)	
	General Elective (3) CIS 1010 recommended**	
	General Elective (3)	
Second Year		
Fall: 15 Credits	CIS 2010 (3) Foundations of Information Systems **	
	Natural & Physical Sciences (3)	
	Social and Behavioral Sciences (3)	
	Arts and Humanities (3)	
	General Elective (3) ACC 2010 recommended ***	
Spring: 15 Credits	CIS 2110 (3) Structured Problem Solving in Info Systems	
	HCM 3150 (3) Health Care Org and Management	
	HCM 3030 (3) Health Care Jurisprudence	
	General Elective (3)	
	General Elective (3)	

Third Year		
Fall: 15 Credits	CIS 3030 (3) Business Web Page Development	
	CIS 3060 (3) Database Management Systems	
	HCM 3400 (3) Human Resources Mgmt. in Health Care	
	HCM 3500 (3) Health Care Research Methods*	
	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 and Support	
	Approved Major 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 Info Systems Applications	
	CIS 4030 (3) Web Site Administration	
	Approved Major Elective (3)	
Spring: 14-15 Credits	Approved Major Elective (3)	
	CIS 4920/HCM 4920 (3) HCIS Internship	
	General Elective (3)	
	General Elective (3)	
	General Elective (2-3)****	

\* MTH 1210 is a required prerequisite for HCM 3500 and is approved as a substitute prerequisite for CIS 3460.

\*\* 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.

\*\*\* ACC 2010 is a required prerequisite for HCM 4030.

\*\*\*\* Please make sure you consult with an academic advisor to determine if taking 2 or 3 credits of general elective credits is required.