



College of Nursing

UNIVERSITY OF COLORADO
ANSCHUTZ MEDICAL CAMPUS

Health Care Informatics

Post-Graduate Certificate Plan of Study (*Sample Full Time Plan*)

FALL YEAR ONE (6 Credits)		
NURS 6794	Decision Support	3 cr.
	Elective Offering*	3 cr.
SPRING YEAR ONE (6 Credits)		
NURS 6274	Semantic Representation	3 cr.
	Elective Offering*	3 cr.
FALL YEAR TWO (4 Credits)		
NURS 6290	Information Systems Life Cycle (must be taken in final semester)	4 cr.
		Total Credits: 16

*Only two electives are required

FALL ELECTIVE OPTIONS		
NURS 6284	Digital Tools for Connected Health	3 cr.
NURS 6285	HCI Design Principles	3 cr.
SPRING ELECTIVE OPTIONS		
NURS 6293	Database Management Systems	3 cr.
SUMMER ELECTIVE OPTIONS		
NURS 6279	Knowledge Management (odd years only)	3 cr.

HEALTHCARE ANALYTICS CERTIFICATE OPTION (CU BOULDER)		
MSBC 5070	Survey of Business Analytics* (Boulder Campus Course)	3 cr.
	Python Summer Workshop (2 Day Workshop - Boulder Campus Online Course)	
FALL ELECTIVE OPTIONS		
MSBC 5180	Machine Learning in Python (Boulder Campus Course)	3 cr.

¥Prerequisite for MSBC 5180

This is a sample plan of study and may vary based on courses completed during previous nursing programs