

# HEALTH SCIENCES CLINICAL AND MEDICAL SCIENCES/ MASTER OF SCIENCE IN HEALTH INFORMATICS AND ANALYTICS

HSCI 197	HEALTH SCIENCES INTERNSHIP II	3
MATH 050	CALCULUS I	3
PSY 001	INTRODUCTION TO PSYCHOLOGY	4
Electives		28
Health Informatics and Analytics Coursework		21
<b>Total Hours</b>		<b>123</b>

If not admitted to the MS HIA program, all credit minimums for the general electives and professional electives must be fulfilled to earn the BS in Health Sciences degree.

For all dual programs where students do not take HSCI 155, HSCI 156, HSCI 196, and HSCI 197, a maximum of 30 graduate credits will be applied to the bachelor's degree. For all dual programs where students do take HSCI 155, HSCI 156, HSCI 196, and HSCI 197, a maximum of 18 credits will be applied.

Code	Title	Hours
BIO 012 & 012L	GENERAL/PRE-PROFESSIONAL BIOLOGY I and GENERAL/PRE-PROFESSIONAL BIOLOGY I LAB	4
BIO 013 & 013L	GENERAL/PRE-PROFESSIONAL BIOLOGY II and GENERAL/PRE-PROFESSIONAL BIOLOGY II LAB	4
CHEM 001 & CHEM 003	GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LAB	4
CHEM 002 & CHEM 004	GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LAB	4
Select one of the following:		3
CHEM 097	ORGANIC CHEMISTRY I	
BIO 103	MICROBIOLOGY	
PHY 011	GENERAL PHYSICS I	
Select one of the following:		1
CHEM 098	ORGANIC CHEMISTRY I LAB	
BIO 103L	MICROBIOLOGY LAB	
PHY 011	GENERAL PHYSICS I	
Select one of the following:		3
ECON 002	PRINCIPLES OF MICROECONOMICS	
HSCI 102	PRINCIPLES OF HEALTH ECONOMICS	
FYS 0--	First Year Seminar	3
HSCI 020	INTRODUCTION TO HEALTH SCIENCES	2
HSCI 021	PROFESSIONALISM IN HEALTH CARE	2
HSCI 025	INTRODUCTION TO US HEALTHCARE SYSTEMS	3
HSCI 055	INNOVATION AND LEADERSHIP IN HEALTH SCIENCES	3
HSCI 060	STATISTICS IN HEALTH SCIENCES	3
HSCI 095	MEDICAL TERMINOLOGY	1
HSCI 105	VALUES AND ETHICS IN HEALTH SCIENCES	3
HSCI 106	CULTURE CARE AND HEALTH LITERACY	3
Select one of the following:		4
HSCI 125 & 125L	MEDICAL PHYSIOLOGY and PHYSIOLOGY LAB	
BIO 129 & 129L	MAMMALIAN PHYSIOLOGY and MAMMALIAN PHYSIOLOGY LAB	
PHAR 125	PHYSIOLOGY (lab included for 4 credits)	
HSCI 141 & 141L	HUMAN ANATOMY and HUMAN ANATOMY LAB	4
HSCI 155	GUIDED RESEARCH I	2
HSCI 156	GUIDED RESEARCH II	2
HSCI 172	EVALUATING RESEARCH	3
HSCI 196	HEALTH SCIENCES INTERNSHIP I	3