HEALTH SCIENCE STUDIES

The Health Science Studies (HSS) major is designed for students planning to enter programs in a variety of health-care professions including dentistry, medicine, pharmacy, public health, physician assistant, physical therapy, sports medicine, and veterinary medicine. The goal of the HSS major is to educate students with excellent and distinctive preparation for their professional careers. This includes mastery of traditional disciplinary science and mathematics courses (biology, chemistry, physics, and calculus), ethical and psychological understanding, plus opportunities for experiential and integrative learning.

REQUIRED MAJOR COURSES		**50 Semester Hours**	
Required courses:			
BIO 110	General Biology: Ecology and Evolutionary Biology	4	
BIO 120	General Biology: Cellular and Molecular Biology	4	
BIO 210	Human Anatomy and Physiology I	4	
BIO 220	Human Anatomy and Physiology II	4	
CHE 103	Principles of Chemistry I	4	
CHE 104	Principles of Chemistry II	4	
CHE 201	Organic Chemistry I	4	
CHE 202	Organic Chemistry II	4	
MAT 211	Analytic Geometry and Calculus I	4	
	MAT 121 may be needed as a prerequisite		
Select either option:		8	PHYS 103
General Physics I			
and PHYS 104	General Physics II		
or			
PHYS 201	Physics I		
and PHYS 202	Physics II		
Select one ethics course:		3	
ORG 405	Business Ethics		
PHI 262	Introduction to Ethics		
Required courses:			
PSY 101	General Psychology	3	

RESTRICTED ELECTIVES		**10 Semester Hours**
BIO 207	Medical Terminology	3
BIO 310	Developmental Biology	4
BIO 320	Genetics	4
CHE 301	Biochemistry	4
EXSC 310	Exercise Physiology	4
HSS 395	Health Science Studies Internship	2
MAT 141	Probability and Statistics	3
or MAT 221	Analytic Geometry and Calculus II	4
SCI 494 or 469	Senior Project I or Senior Internship	2
and SCI 495	Senior Project II	2

TOTAL HOURS REQUIRED **MINIMUM 60 SEMESTER HOURS**