B.S. HEALTH SCIENCES

GENERAL EDUCATION COURSES		
BY 191 & BL 191	General Biology I and General Biology Lab I	4
CH 181 & CX 181	Chemistry I and Chemistry Lab I	4
EH 105	College Writing	3
HE 111	The Husson Experience ***	1
MS 132	Probability and Statistics	3
MS 180	Precalculus with Trigonometry	4
PY 111	General Psychology	3
PY 141	Human Growth and Development	3
Fine Arts Elective		3
Foreign Culture and Conversation Elective		3
Humanities Elective		3
Literature Elective		3
Perspectives Elective		3
Philosophical Elective		3
MAJOR COURSES		
BY 192 & BL 192	General Biology II and General Biology Lab II	4
BY 221 & BL 221	Anatomy and Physiology I and Anat/Physiology Lab I	4
BY 222 & BL 222	Anatomy and Physiology II and Anatomy/Physiology Lab II	4
BY 241 & BL 241	Microbiology for the Health Sciences and Microbiology Lab	4
BY 291	Cell Biology	3
BY 322	Epidemiology	3
or BY 333	Pathophysiology	
BY 334	General Genetics	3
BY 435	Advanced Principles of Physiology	4
CH 182 & CX 182	Chemistry II and Chemistry Lab II	4
EH 360	Writing in the Health Professions	3
HS 121	Medical Terminology	3
SC 224	Research Design	3
SC 271 & SL 271	Physics I and Physics Lab I	4
SC 272 & SL 272	Physics II and Physics Lab II	4
Open Electives		9
Health Sciences Electives		18-22

No more than 2 Health Sciences Electives may come from the list below:

EX 106	Introduction to Exercise Science
EX 234	Nutrition
HS 101	Foundations of Healthcare Professions
NU 100	Historical Perspectives of Healthcare
PY 232	Abnormal Psychology

No fewer than 2 of the Health Sciences Electives may come from the list below:

BY 336	Evolution
BY 354 & BL 354	General Microbiology and General Microbiology Lab
CH 287 & CX 287	Organic Chemistry I and Organic Chemistry I Laboratory
CH 288 & CX 288	Organic Chemistry II and Organic Chemistry II Laboratory
CH 352	Biochemistry
CH 390	Biochemical and Molecular Methods
EX 330	Exercise Physiology
EX 340	Anatomical Basis of Kinesiology
EX 353	Principles of Strength and Cardiovascular Conditioning
EX 356	Nutrition for Health and Exercise Performance
EX 360	Biomechanics & Kinesiology in Human Performance
EX 401	Exercise Testing and Interpretation
EX 402	Exercise Training for Health and Performance
EX 403	Prevention and Management of Chronic Disease
EX 410	Motor Learning in Human Performance
HS 301	Introduction to Public Health
MS 181	Calculus with Applications ((Or Math I Elective))
MS 212	Intermediate Applied Statistics
PY 340	Physiological Psychology
PY 341	Gerontology
SC 399	Topic/
SC 481	Senior Science Capstone Project I
SC 482	Senior Science Capstone Project II
SC 499	Topic/
Total Hours	**120-124**

Suggested Course Sequence

First Year

Fall	Hours	Spring	Hours
BY 191 & BL 191	4	BY 192 & BL 192	4
CH 181 & CX 181	4	CH 182 & CX 182	4
EH 105 or PY 141	3	MS 180	4
HE 111***	1	PY 141 or EH 105	3
PY 111	3		
	15		**15**

Second Year

Fall	Hours	Spring	Hours
BY 221 & BL 221	4	BY 222 & BL 222	4
HS 121	3	BY 291	3
Fine Arts Elective	3	MS 132	3

Literature Elective	3	Foreign Culture and Conversation Elective	3
Philosophical Elective	3	Perspectives Elective	3
	16		**16**

Third Year

Fall	**Hours**	**Spring**	**Hours**
BY 334	3	BY 241 & BL 241	4
SC 224	3	BY 322 or 333	3
SC 271 & SL 271	4	SC 272 & SL 272	4
Health Sciences Elective	3	Health Sciences Elective	3-4
Health Sciences Elective	3		
	16		**14-15**

Fourth Year

Fall	**Hours**	**Spring**	**Hours**
BY 435	4	Health Sciences Elective	3-4
EH 360	3	Health Sciences Elective	3-4
Health Sciences Elective	3-4	Humanities Elective	3
Open Elective	3	Open Elective	3
		Open Elective	3
	13-14		**15-17**

Total Hours: 120-124

***May not be required for degree completion.