

DOCTOR IN PHYSICAL THERAPY/B.S. IN EXERCISE SCIENCE

Doctor of Physical Therapy/ B.S. in Exercise Science

General Education

EH 105	College Writing	3
EH 360	Writing in the Health Professions	3
HE 111	The Husson Experience ***	1
MS 132	Probability and Statistics	3
MS 180	Precalculus with Trigonometry	4
or MS 181	Calculus with Applications	
or MS 182	Calculus II	
PT 431	Psychosocial Aspects of Physical Therapy	3
PY 111	General Psychology	3
SC 181 & SL 181	Chemistry I and Chemistry Lab I	4
SC 356	Nutrition for Health and Exercise Performance	3
Fine Arts Elective		3
Historical Elective		3
Humanities Elective (Must also qualify as Foreign Culture & Conversation Elective)		3
Literature Elective		3
Perspectives Electives (3 credits must also qualify as Bridge Elective)		6
Philosophical Elective		3

Major Requirements

SC 106	Introduction to Exercise Science	3
SC 182 & SL 182	Chemistry II and Chemistry Lab II	4
SC 191 & SL 191	General Biology I and General Biology Lab I	4
SC 221 & SL 221	Anatomy and Physiology I and Anat/Physiology Lab I	4
SC 222 & SL 222	Anatomy and Physiology II and Anatomy/Physiology Lab II	4
SC 224	Research Design	3
SC 271 & SL 271	Physics I and Physics Lab I	4
SC 291	Cell Biology	3
SC 330	Exercise Physiology	3
SC 340	Anatomical Basis of Kinesiology	3
SC 353	Principles of Strength and Cardiovascular Conditioning	3
SC 360	Biomechanics & Kinesiology in Human Performance	3
SC 401	Exercise Testing and Interpretation	3
SC 402	Exercise Training for Health and Performance	3
SC 403	Prevention and Management of Chronic Disease	3
SM 407	Psychology of Sport	3

Physical Therapy Courses

PT 400	Clinical Edu I	4
PT 410	Gross Anatomy	4
PT 411	Kinesiology & Biomechanics	3
PT 412	Motor Control & Learning	3
PT 413	Therapeutic Skills	4
PT 414	Biophysical Agents	3
PT 419	Development Across the Lifespan	3
PT 421	Introduction to Clinical Reasoning	1
PT 450	Neurophysiology	3
PT 500	Clinical Edu II	8
PT 506	Musculoskeletal I	4
PT 507	Musculoskeletal II	4
PT 508	Musculoskeletal III	4
PT 509	Evidence Based Practice	3
PT 510	Neuromuscular I	4
PT 511	Professional Development I: Research	2
or PT 512	Professional Development I: Teaching and Learning	
or PT 513	Professional Development I: Practice Management	
or PT 514	Professional Development I: International Experiential Learning	
PT 522	Professional Development II: Research	2
or PT 523	Professional Development II: Practice Management	
or PT 524	Professional Development II: Teaching and Learning	
or PT 527	Professional Development II- International Experiential Learning	
PT 526	Advanced Therapeutic Exercise	2
PT 528	Ethical/Legal/Management Issues in Physical Therapy	2
PT 551	Clinical Education	4
PT 560	Cardiovascular and Pulmonary Physical Therapy	3
PT 561	Pathophysiology	3
PT 562	Management of the Medically Complex Patient	2
PT 590	Special Topics in Rehabilitation	3
PT 599	Advanced Physical Therapy Elective	2
PT 600	Clinical Edu III	4
PT 605	Advanced Anatomy	1
PT 608	PT Management of Children with Neurologic Dysfunction	3
PT 609	Management of the Integumentary System	2
PT 610	Neuromuscular II	4
PT 611	Professional Development III: Research	2
or PT 612	Professional Development III: Practice Management	
or PT 613	Professional Development III: Teaching and Learning	
or PT 614	Professional Development III- International Experiential Learning	
PT 618	Health and Wellness	3
PT 620	Primary Health Care	2
PT 625	Prosthetics in Rehabilitation	2
PT 630	Professional Identity Formation	2
PT 640	Medical Imaging and Rehabilitation	1
PT 642	Pharmacology and Rehabilitation	1
PT 650	Patient Care Seminar I	2
PT 661	Exercise for Special Populations	3

PT 664	Geriatrics	3
Total Hours		216

Suggested Course Sequence

First Year

Fall	Hours	Spring	Hours
EH 105	3	MS 132	3
HE 111***	1	PY 111	3
SC 106	3	SC 181 & SL 181	4
SC 191 & SL 191	4	Humanities Elective (Must also qualify as Foreign Culture & Conversation Elective)	3
MS 180, 181, or 182	4	Literature Elective	3
		15	16

Second Year

Fall	Hours	Spring	Hours
SC 182 & SL 182	4	EH 360	3
SC 221 & SL 221	4	SC 222 & SL 222	4
SC 224	3	SC 291	3
SM 407	3	SC 356	3
Fine Arts Elective	3	Philosophical Elective	3
		17	16

Third Year

Fall	Hours	Spring	Hours	Summer	Hours
SC 271 & SL 271	4	SC 360	3	PT 410	4
SC 330	3	SC 402	3	PT 421	1
SC 340	3	SC 403	3		
SC 353	3	Historical Elective	3		

SC 401	3	Perspectives Elective (Must also qualify as Bridge Elective)	3
		Perspectives Elective	3
		16	18

Fourth Year

Fall	Hours	Spring	Hours	Summer	Hours
PT 411	3	PT 412	3	PT 400	4
PT 413	4	PT 419	3	PT 640	1
PT 414	3	PT 450	3	PT 642	1
PT 431	3	PT 506	4		
PT 509	3	PT 528	2		
PT 561	3	PT 618	3		
		19	18		6

Fifth Year

Fall	Hours	Spring	Hours	Summer	Hours
PT 507	4	PT 508	4	PT 526	2
PT 510	4	PT 522, 523, 524, or 527	2	PT 625	2
PT 511, 512, 513, or 514	2	PT 562	2	PT 664	3
PT 560	3	PT 590	3		
PT 608	3	PT 610	4		
PT 609	2	PT 630	2		
		18	17		7

Sixth Year

Fall	Hours	Spring	Hours
PT 500	8	PT 599	2
PT 551	4	PT 600	4
		PT 605	1
		PT 611, 612, 613, or 614	2
		PT 620	2
		PT 650	2

PT 661	3
12	16

Total Hours: 216

***May not be required for degree completion.