

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
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	
PH 100	Introduction to Philosophy	3
or PH 110	Introduction to Ethics	
PT 431	Psychosocial Aspects of Physical Therapy	3
PY 111	General Psychology	3
SC 181	Chemistry I	4
& SL 181	and Chemistry Lab I	
Fine Arts Elective		3
Foreign Culture & Language Elective		3
Historical Elective		3
Humanities Elective		3
Literature Elective^		3
Perspectives Elective		3
Major Requirements		
EH 360	Writing in the Health Professions	3
SC 106	Introduction to Exercise Science	3
SC 182	Chemistry II	4
& SL 182	and Chemistry Lab II	
SC 191	General Biology I	4
& SL 191	and General Biology Lab I	
SC 221	Anatomy and Physiology I	4
& SL 221	and Anat/Physiology Lab I	
SC 222	Anatomy and Physiology II	4
& SL 222	and Anatomy/Physiology Lab II	
SC 224	Research Design	3
SC 271	Physics I	4
& SL 271	and Physics Lab I	
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 356	Nutrition for Health and Exercise Performance	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 402	Therapeutic Exercise I	1
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 440	Medical Imaging I	.5
PT 450	Neurophysiology	3
PT 500	Clinical Edu II	8
PT 503	Therapeutic Exercise II	1
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	
PT 522	Professional Development II: Research	2
or PT 524	Professional Development II: Teaching and Learning	
PT 528	Ethical/Legal/Management Issues in Physical Therapy	2
PT 540	Medical Imaging II	.5
PT 551	Clinical Education III Part I	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 613	Professional Development III: Teaching and 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 642	Pharmacology and Rehabilitation	1
PT 650	Patient Care Seminar I	2
PT 661	Exercise for Special Populations	3
PT 664	Geriatrics	2

Total Hours 214

Suggested Course Sequence

First Year						PT 509	3	PT 450	3	
Fall	Hours	Spring	Hours			PT 561	3	PT 506	4	
EH 105	3	MS 132	3					PT 528	2	
HE 111***	1	PY 111	3					PT 618	3	
SC 106	3	SC 181 & SL 181	4							
SC 191 & SL 191	4	Humanities Elective	3							
MS 180, 181, or 182	4	Perspectives Elective	3							
	15		16				19	19.5		5
Second Year						Fifth Year				
Fall	Hours	Spring	Hours			Fall	Hours	Spring	Hours	Summer Hours
EH 360	3	PH 100 or 110	3			PT 503	1	PT 508	4	PT 608 3
SC 182 & SL 182	4	SC 222 & SL 222	4			PT 507	4	PT 522 or 524	2	
SC 221 & SL 221	4	SC 224	3			PT 510	4	PT 562	2	
SM 407	3	SC 291	3			PT 511 or 512	2	PT 590	3	
Fine Arts Elective	3	Historical Elective	3			PT 540	.5	PT 610	4	
	17		16			PT 560	3	PT 630	2	
Third Year						PT 609	2	PT 664	2	
Fall	Hours	Spring	Hours	Summer	Hours	PT 625	2			
SC 271 & SL 271	4	SC 330	3	PT 410	4		18.5	19		3
SC 340	3	SC 353	3			Sixth Year				
SC 356	3	SC 360	3			Fall	Hours	Spring	Hours	
SC 401	3	SC 402	3			PT 500	8	PT 599	2	
Foreign Culture & Conversation Elective	3	SC 403	3			PT 551 (Winter Term)	4	PT 600	4	
		Literature Elective^	3					PT 605	1	
	16		18	4				PT 611 or 613	2	
Fourth Year								PT 620	2	
Fall	Hours	Spring	Hours	Summer	Hours			PT 650	2	
PT 411	3	PT 402	1	PT 400	4			PT 661	3	
PT 413	4	PT 412	3	PT 642	1					
PT 414	3	PT 419	3							
PT 431	3	PT 440	.5							
							12	16		
						Total Hours: 214				
						***May not be required for degree completion.				