

Program	Learning Objectives	
	Knowledge Base	Learning Pedagogy and Framework
Biokinesiology PhD	<p><u>Fully proficient knowledge of:</u></p> <ul style="list-style-type: none"> <li>• Biological basis of healthy and disordered human movement</li> <li>• Physiological mechanisms underlying voluntary movement</li> <li>• Musculoskeletal and biomechanical principles related to human movement</li> <li>• Neurobehavioral basis of movement across the spectrum from highly skilled to severely disabled populations.</li> </ul> <p><u>Working knowledge of:</u></p> <ul style="list-style-type: none"> <li>• Experimental methods used for the analysis of human movement</li> <li>• Biostatistics</li> <li>• Ethical considerations in research</li> <li>• Technical computing skills such as coding using standard programs (e.g. Matlab, R)</li> </ul>	<ul style="list-style-type: none"> <li>• Identify contemporary research questions in Biokinesiology.</li> <li>• Integrate knowledge of the various domains of Biokinesiology and contemporary research methodologies to conduct high-impact laboratory-based research projects.</li> <li>• Successfully prepare and defend laboratory research project at the PhD level using oral and written communication skills.</li> <li>• Obtain leadership roles in education and research in academic or industry settings.</li> </ul>
	Knowledge Base	Learning Pedagogy and Framework
Biokinesiology MS	<p><u>Fully proficient knowledge of:</u></p> <ul style="list-style-type: none"> <li>• Biological basis of healthy and disordered human movement</li> <li>• Physiological mechanisms underlying voluntary movement</li> <li>• Musculoskeletal and biomechanical principles related to human movement</li> <li>• Neurobehavioral basis of movement</li> </ul> <p><u>Working knowledge of:</u></p> <ul style="list-style-type: none"> <li>• Selected research methodologies</li> <li>• Basic Biostatistics</li> <li>• Ethical considerations in research</li> </ul>	<ul style="list-style-type: none"> <li>• Familiarity with contemporary research methodologies</li> <li>• Critically analyze scientific literature</li> <li>• Demonstrate working knowledge of at least one of the domains of Biokinesiology, including contemporary research methods, through successful completion of a Summative Research Project.</li> <li>• Obtain employment in a related field or continue graduate studies (e.g., PhD).</li> </ul>

Student Learning Outcomes: Doctor of Physical Therapy Program		
Program Outcomes:	Student Learning Outcomes and Objectives:	Sequence of Assessment Measures:
<b>Practice as licensed practitioners of physical therapy</b>	<ul style="list-style-type: none"> <li>a. Students pass the National Physical Therapy Examination after graduation</li> <li>b. Students are fully employed within 6 months of graduation</li> </ul>	<p><b>Pass rate:</b> National Physical Therapy Examination</p> <p><b>Employment Rate:</b> Assessed 6-12 months after graduation</p>
<b>Demonstrate the ability to practice in a direct access environment</b>	<ul style="list-style-type: none"> <li>a. Students will demonstrate independence in clinical skills required for direct access in 3rd year academic courses</li> <li>b. Students will demonstrate independence in clinical skills required for direct access in terminal 3rd year clinical experience</li> </ul>	<ul style="list-style-type: none"> <li>a. Passing grade in 3<sup>rd</sup> year academic courses requires competence in direct access skills               <ul style="list-style-type: none"> <li>i. PT 632 Integrated Patient Management Seminar</li> <li>ii. PT 630 Integrated Patient Management Clinical Skills</li> <li>iii. PT 642a/b Hybrid Integrated Patient Management Seminar</li> <li>iv. PT 640a/b Hybrid Integrated Patient Management Clinical Skills</li> </ul> </li> <li>b. All students will demonstrate independence in these skills as measured by the Clinical Performance Instrument and by interviews with 3<sup>rd</sup> year clinical instructors               <ul style="list-style-type: none"> <li>i. PT 660 16-week Terminal Clinical Education Experience</li> <li>ii. PT 665 16-week Terminal Full-Time Clinical Education Experience</li> <li>iii. PT 670a/b Hybrid Advanced Clinical Experience with Academic Integration (13 weeks)</li> </ul> </li> </ul>
<b>Demonstrate core professional behaviors and a commitment to life-long learning</b>	<ul style="list-style-type: none"> <li>a. Students will demonstrate professional behaviors during their time on campus when taking academic courses.</li> </ul>	<ul style="list-style-type: none"> <li>a. Professionalism is monitored and developed in all courses with particular focus in clinical management courses:               <ul style="list-style-type: none"> <li>i. PT 521L Basics of Patient Management</li> <li>ii. PT 621L Clinical Management of Patients with Musculoskeletal Dysfunction</li> <li>iii. PT 571L Clinical Management of Patients with Cardiopulmonary Dysfunction</li> <li>iv. PT 581L Clinical Management of Patients with Neurologic Dysfunction</li> </ul> </li> </ul>

Student Learning Outcomes: Doctor of Physical Therapy Program		
Program Outcomes:	Student Learning Outcomes and Objectives:	Sequence of Assessment Measures:
	<p>b. Students will demonstrate professional behaviors in clinical experiences.</p> <p>c. Graduates will demonstrate professional behaviors in their first year after graduation</p>	<p>b. Students complete service learning projects during their first two years.</p> <p>i. Passing score required in PT 561e Evidence for Physical Therapist Practice</p> <p>c. All students will demonstrate core professional behaviors and professional development as measured the Clinical Performance Instrument and by interviews with 3<sup>rd</sup> year clinical instructors</p> <p>i. PT 660 16-week Terminal Clinical Education Experience</p> <p>ii. PT 665 16-week Terminal Full-Time Clinical Education Experience</p> <p>iii. PT 670a/b Hybrid Advanced Clinical Experience with Academic Integration (13 weeks)</p> <p>d. Graduate behaviors with respect to life-long learning are assessed in a graduate survey 6-12 months after graduation.</p>
<p><b>Demonstrate excellence in enhancing the movement ability and participation of individuals of various race, cultures, and socioeconomic status across the lifespan</b></p>	<p>a. Students will demonstrate competence in managing patients across the lifespan, while being culturally sensitive.</p> <p>b. Graduates will demonstrate competence in managing patients across the lifespan, while being culturally sensitive.</p>	<p>a. Successful completion of coursework with particular emphasis in:</p> <p>i. PT 561d Evidence for Physical Therapist Practice</p> <p>ii. PT 529 Lifespan Motor control</p> <p>b. All students will demonstrate clinical skill and cultural competence as measured by the Clinical Performance Instrument and interviews with Clinical Instructors</p> <p>i. PT 600b 6-week Clinical Education Experience</p> <p>ii. PT 600d 8-week Clinical Education Experience</p> <p>iii. PT 660 16-week Terminal Clinical Education Experience</p> <p>iv. PT 665 16-week Terminal Full-Time Clinical Education Experience</p> <p>v. PT 670a/b Hybrid Advanced Clinical Experience with Academic Integration (13 weeks)</p> <p>c. Reports from employers should be consistent with graduates demonstrating clinical skill and cultural competence. Reports from employers are collected through intermittent focus groups.</p>

<b>Student Learning Outcomes: Doctor of Physical Therapy Program</b>		
<b>Program Outcomes:</b>	<b>Student Learning Outcomes and Objectives:</b>	<b>Sequence of Assessment Measures:</b>
<b>Practice as clinicians who incorporate principles of evidence-based and patient-centered practice</b>	<ul style="list-style-type: none"> <li>a. Students will demonstrate that they understand principles of evidence-based and patient-centered practice in their sequence of four evidence-based academic courses</li> <li>b. Students will demonstrate that they incorporate principles of evidence-based and patient-centered practice during their clinical experiences.</li> <li>c. Graduates will demonstrate incorporation of principles of evidence-based and patient-centered practice in their first year after graduation.</li> </ul>	<ul style="list-style-type: none"> <li>a. Passing grade in academic EBP courses demonstrates understanding of principles of evidence-based and patient-centered practice               <ul style="list-style-type: none"> <li>i. PT 561a Evidence for Physical Therapist Practice</li> <li>ii. PT 561b Evidence for Physical Therapist Practice</li> <li>iii. PT 561c Evidence for Physical Therapist Practice</li> <li>iv. PT 561d Evidence for Physical Therapist Practice</li> <li>v. PT 561e Evidence for Physical Therapist Practice</li> </ul> </li> <li>b. All students will demonstrate incorporation of principles of evidence-based and patient-centered practice as measured by CPI and interviews with Cis               <ul style="list-style-type: none"> <li>i. PT 600b 6-week Clinical Education Experience</li> <li>ii. PT 600d 8-week Clinical Education Experience</li> <li>iii. PT 660 16-week Terminal Clinical Education Experience</li> <li>iv. PT 665 16-week Terminal Full-Time Clinical Education Experience</li> <li>v. PT 670a/b Hybrid Advanced Clinical Experience with Academic Integration (13 weeks)</li> <li>vi.</li> </ul> </li> <li>c. Graduate behavior with respect to evidence-based practice is assessed via survey 6-12 months after graduation and by intermittent focus group interviews with employers.</li> </ul>