

TO: Randy Smith, Vice Provost for Academic Programs
FROM: Jennifer Schlueter, Faculty Fellow for Curriculum, Graduate School
DATE: 30 November 2018
RE: Proposal to revise the Doctorate of Physical Therapy

The School of Health and Rehabilitation Sciences in the College of Medicine is proposing revisions to its Doctorate of Physical Therapy. Changes are focused on scheduling of courses and the inclusion of a pediatric integrated clinical experience. They represent an overall increase in credits from 117 to 117.5.

The proposal was received by the Graduate School on 5 July 2018. It was reviewed by the combined GS/CAA Curriculum subcommittee, chaired by Faculty Fellow Jennifer Schlueter, on 16 October 2018 and revisions were requested that same day. The proposal was again reviewed by GS/CAA on 13 November 2018 and further revisions were requested. Revisions were received on 19 November 2018 and moved forward to the Graduate Council that same day. The proposal was reviewed and unanimously approved by that body on 29 November 2018.



October 31, 2018

TO: Graduate Studies Committee
School of Health and Rehabilitation Sciences
The Ohio State University

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FROM: Deborah A. Kegelmeyer, PT, MS, DPT, GCS
Director of Curriculum
Doctorate of Physical Therapy Program

John A. Buford, PT, PhD
Professor and Director
Physical Therapy Division

RE: Proposed revisions to the Doctorate of Physical Therapy Degree

Executive Summary

This is a proposal to change the scheduling of courses and credits required for the doctorate of physical therapy program. This will split a current 3-credit biomechanics course into one 2-credit and a second 1-credit course to better align the foundational material to timing of teaching for the clinical content. In addition, we will implement a required integrated clinical education experience in pediatrics, adding 0.5 credits to the doctor of physical therapy program requirements. In total these changes result in an increase in required program credits from 117 to 117.5 credits.

All four of these courses have been approved at the school, college and University level and are now on the books at the registrar's office.

Summary of Proposed Curriculum Changes

Changes for the First Year of the DPT program:

Split the 3-credit Biomechanics Course, PHYSTHER 7235, in two. PHYSTHR 7235 has been approved to be changed to a 2 credit course in Autumn of 2019. The new course, PHYSTHER 7245 for 1 credit, has been approved for the Spring of 2019.

Changes for the Second Year of the DPT program:

Add a requirement that all students complete a pediatric integrated clinical experience (ICE) in summer of year 2 of the program for a minimum of 0.5 credits. Students are required to take PHYSTHR 6389 for 0.5 credits OR those students who are in the pediatric specialization would fulfill the requirement using PHYSTHR 7389 for 1 credit which is also a pediatric ICE. Students who take PHYSTHR 7389 do not have to take PHYSTHR 6389. Students take only one of these courses to fulfill this requirement. The ICE experience is one in which students gain exposure and is typically a shorter experience than the full length clinical rotations. In year 1 of our program in the spring students take PHYSTHR 6189 which is an ICE course and it is worth 1 credit. This course includes 3 hours of clinical time across the full semester. The pediatric ICE is credited at .5 credits because it is 3 hours per week across 7 weeks of



summer semester. PHYSTHR 6389 and PHYSTHR 7389 have been approved through the university and are approved to be offered to students at the registrar's office.

Background

Both faculty and students have noted that the fall semester of the first year of the doctorate of physical therapy program is very demanding. To ease this burden and better align the content, we would like to split the biomechanics course in two. This will allow us to match material covered in biomechanics with what is taught in the clinical application courses. Currently, biomechanics goes through the whole body, but the clinical course covers the upper body in fall semester and the lower body in spring semester. Spring semester has been lighter. Therefore, this will slightly ease the load and better match the foundational content to clinical practice.

For the pediatric integrated clinical education (ICE) experience, national standards in physical therapy increasingly emphasize the importance of integrated clinical experiences, defined as opportunities for students to practice clinical skills in realistic settings alongside the didactic portion of the program. We have implemented ICE experiences in musculoskeletal physical therapy and in acute care. We also have a pro bono clinic, which allows students to work with older adults in economically disadvantaged communities, who often have chronic disabilities. We believe that it will facilitate the learning of didactic material in pediatrics to supplement it with a pediatric ICE. Pediatrics is a shorter module and taught in the summer semester. Thus, the pediatric ICE (PHYSTHR 6389) would be shorter than the other ICE course (PHYSTHR 6189 taught in spring year one) which is a 1 credit course. Therefore, based on credits awarded for other courses that are virtually identical to this course we have requested the pediatric ICE be worth 0.5 credits. All students will be required to take a pediatric ICE for at least 0.5 credits. In our program students can take a pediatric specialization. These students are required to be in clinic for longer periods of time and to also attend a recitation with clinical instructors. Therefore, we requested a separate course number for these students to register for their pediatric ICE, PHYSTHR 7389, so that they can be awarded 1 credit and to recognize the more advanced learning required of these students in this course. **The addition of the pediatric ICE will add 0.5 credits to what is required to graduate from the program, raising the total from 117 to 117.5 credits.** Specialization students are required to take credits above and beyond the program requirements, therefore the 1 credit pediatric ICE course they take will meet the requirement for the DPT program and will result in additional credits that go towards their specialization program.

Sincerely,

Deb Kegelmeyer, PT, MS, DPT, GCS

Professor – Clinical

Director of Curriculum for the Doctorate of Physical Therapy

John A. Buford, PT, PhD

Professor and Director



THE OHIO STATE UNIVERSITY

Physical Therapy Division

Attached: current curriculum and proposed changes.

**Curriculum Guide for the DPT PROPOSED NEW WITH CHANGES TO BIOMECHANICS
(PHYSTHR 7235 AND PHYSTHR 7245 AND PEDIATRIC ICE PHYSTHR 6389 OR PHYSTHR
7389.**

Year 1					
SUMMER	Cr	AUTUMN	Cr	SPRING	Cr
AMI 6000: Anatomy	5	PHYSTHR 6250: Neural Basis of Movement	2	PHYSTHR 7250: Neurologic Basis of Rehabilitation	2
PHYSTHR 6410: Principles & Procedures in PHYSTHR Practice I	1	PHYSTHR 6415: Principles and Procedures in PHYSTHR Practice II	1	PHYSTHR 6260: Pathology for PHYSTHR	2
PHYSTHR 6021: Intro to PHYSTHR Profession	1	PHYSTHR 7012: Documentation and Reimbursement	1	PHYSTHR 8013: Contemporary Practice	1
AMP 5510: Pharmacology	2	PHYSTHR 7220: Musculoskeletal Diagnosis and Management I	4	PHYSTHR 8210: Musculoskeletal Diagnosis and Management II	6
		PHYSTHR 7410: Musculoskeletal skills lab I	3	PHYSTHR 8410: Musculoskeletal Skills Lab II	3
		AMP 7900: Evidence Based Practice I (EBP I)	1	AMP 7910: EBP II	1
		PHYSTHR 7235: Biomechanics for PHYSTHR	2	PHYSTHR 7245: Biomechanics for PHYSTHR II	1
		PHYSTHR 8998: Research Practicum*	1	PHYSTHR 6189: Integrated Clinical Experience	1
				*	
Semester Total:	9		15	Year Total:	17
		* PHYSTHR 8998 can be taken AU or SP			41

Year 2					
SUMMER	Cr	AUTUMN	Cr	SPRING	Cr
PHYSTHR 7189 Intermed. Clin. Internship I	4	PHYSTHR 8065 Service Learning in PHYSTHR *	.5	PHYSTHR 8065 Service Learning in PHYSTHR	.5
PHYSTHR 8230 Clinical Apps. in Pediatrics	3	PHYSTHR 8250 Adult Neurologic Rehab.	5	PHYSTHR 8274 Integumentary Systems and Rehabilitation	2
PHYSTHR 8430 Pediatric Laboratory	1	PHYSTHR 8450 Adult Neurologic Laboratory	3	PHYSTHR 8474 Integumentary and Community Reintegration Laboratory	3
PHYSTHR 8630 Clinical Sci. in Pediatrics	2	PHYSTHR 8270 Geriatric Management	2	PHYSTHR 8276 AdaPHYSTHRive Equipment and Community Re-integration	2
PHYSTHR 8030 Topics in Pediatrics	1	PHYSTHR 8050 Topics in Rehab and Long Term Care	1	PHYSTHR 8674 Advanced Therapeutic Interventions and Progressions	1
PHYSTHR 6389 (if specialization student take 7389 for 1 credit)	.5	PHYSTHR 8272 Cardiopulmonary Rehab.	2	PHYSTHR 8670 Imaging in PHYSTHR Practice	2
Semester Total:	11.5		13.5	Year Total:	10.5
Total is 12 if the student is a pediatric specialization student.					35.5

Year 3					
SUMMER	Cr	AUTUMN	Cr	SPRING	Cr
PHYSTHR 7289: Intermediate Clinical Internship II	8	PHYSTHR 8061: Careers in Physical Therapy	1	PHYSTHR 8289: Terminal Clinical Internship	8
PHYSTHR 8189 Intermediate clinical internship III	8	PHYSTHR 8070: Management	3	PHYSTHR 8989: Capstone Leadership Practicum	4
		PHYSTHR 8060: Healthcare in America & Impact on PHYSTHR I	1		
		PHYSTHR 8676: Differential Diagnosis for PHYSTHR	4		
		PHYSTHR 8999: Thesis	2		

	PHYSTHR 8610: Advanced Orthopedic PHYSTHR (1 cr. elective) 2 PHYSTHR 8640: Complex Scenarios in PHYSTHR (1 cr. elective) PHYSTHR 8612: Advanced Sports PHYSTHR (1 cr. elective) PHYSTHR 8650: Advanced Neuro. Rehab. (1 cr. elective) PHYSTHR 8620 Entrepreneurial Leadership in PHYSTHR (1 cr. Elective) PHYSTHR 8625 Private practice Management in PHYSTHR (1 cr elective) HRS Interdisciplinary case mgt (1 cr elective) Rehabilitation Engineering (variable credit elective) Research, pediatric and global health specialization courses <u>Clinical Elective</u> PHYSTHR 6589 Service Clinical Experience (.5 – 2 cr elective)	
Semester Total:	16	13
	Take 2 didactic elective courses	Year Total:
		41

Curriculum Guide for the DPT

Year 1					
SUMMER	Cr	AUTUMN	Cr	SPRING	Cr
AMI 6000: Anatomy	5	PHYSTHR 6250: Neural Basis of Movement	2	PHYSTHR 7250: Neurologic Basis of Rehabilitation	2
PHYSTHR 6410: Principles & Procedures in PHYSTHR Practice I	1	PHYSTHR 6415: Principles and Procedures in PHYSTHR Practice II	1	PHYSTHR 6260: Pathology for PHYSTHR	2
PHYSTHR 6021: Intro to PHYSTHR Profession	1	PHYSTHR 7012: Documentation and Reimbursement	1	PHYSTHR 8013: Contemporary Practice	1
AMP 5510: Pharmacology	2	PHYSTHR 7220: Musculoskeletal Diagnosis and Management I	4	PHYSTHR 8210: Musculoskeletal Diagnosis and Management II	6
		PHYSTHR 7410: Musculoskeletal skills lab I	3	PHYSTHR 8410: Musculoskeletal Skills Lab II	3
		AMP 7900: Evidence Based Practice I (EBP I)	1	AMP 7910: EBP II	1
		PHYSTHR 7235: Biomechanics for PHYSTHR	3	PHYSTHR 6189: Integrated Clinical Experience	1
		PHYSTHR 8998: Research Practicum*	1		
Semester Total:	9		16	Year Total:	41
		* PHYSTHR 8998 can be taken AU or SP			

Year 2					
SUMMER	Cr	AUTUMN	Cr	SPRING	Cr
PHYSTHR 7189 Intermed. Clin. Internship I	4	PHYSTHR 8065 Service Learning in PHYSTHR *	.5	PHYSTHR 8065 Service Learning in PHYSTHR	.5
PHYSTHR 8230 Clinical Apps. in Pediatrics	3	PHYSTHR 8250 Adult Neurologic Rehab.	5	PHYSTHR 8274 Integumentary Systems and Rehabilitation	2
PHYSTHR 8430 Pediatric Laboratory	1	PHYSTHR 8450 Adult Neurologic Laboratory	3	PHYSTHR 8474 Integumentary and Community Reintegration Laboratory	3
PHYSTHR 8630 Clinical Sci. in Pediatrics	2	PHYSTHR 8270 Geriatric Management	2	PHYSTHR 8276 AdaPHYSTHRive Equipment and Community Re-integration	2
PHYSTHR 8030 Topics in Pediatrics	1	PHYSTHR 8050 Topics in Rehab and Long Term Care	1	PHYSTHR 8674 Advanced Therapeutic Interventions and Progressions	1
		PHYSTHR 8272 Cardiopulmonary Rehab.	2	PHYSTHR 8670 Imaging in PHYSTHR Practice	2
Semester Total:	11		13.5	Year Total:	35

Year 3					
SUMMER	Cr	AUTUMN	Cr	SPRING	Cr
PHYSTHR 7289: Intermediate Clinical Internship II	8	PHYSTHR 8061: Careers in Physical Therapy	1	PHYSTHR 8289: Terminal Clinical Internship	8
PHYSTHR 8189 Intermediate clinical internship III	8	PHYSTHR 8070: Management	3	PHYSTHR 8989: Capstone Leadership Practicum	4
		PHYSTHR 8060: Healthcare in America & Impact on PHYSTHR I	1		
		PHYSTHR 8676: Differential Diagnosis for PHYSTHR	4		
		PHYSTHR 8999: Thesis	2		
		PHYSTHR 8610: Advanced Orthopedic PHYSTHR (1 cr. elective)	2		
		PHYSTHR 8640: Complex Scenarios in PHYSTHR (1 cr. elective)			
		PHYSTHR 8612: Advanced Sports PHYSTHR (1 cr. elective)			
		PHYSTHR 8650: Advanced Neuro. Rehab. (1 cr. elective)			
		PHYSTHR 8620 Entrepreneurial Leadership in PHYSTHR (1 cr.			

	Elective) PHYSTHR 8625 Private practice Management in PHYSTHR (1 cr elective) HRS Interdisciplinary case mgt (1 cr elective) Rehabilitation Engineering (variable credit elective) Research, pediatric and global health specialization courses <u>Clinical Elective</u> PHYSTHR 6589 Service Clinical Experience (.5 – 2 cr elective)	
Semester Total:	16	13
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