



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
Substantive Program Modification Form

UNIVERSITY:	USD
CURRENT PROGRAM TITLE:	Doctor of Physical Therapy (DPT)
CIP CODE:	50.0409
UNIVERSITY DEPARTMENT:	Physical Therapy
BANNER DEPARTMENT CODE:	UPTH
UNIVERSITY DIVISION:	School of Health Sciences
BANNER DIVISION CODE:	2H

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Elizabeth M. Freeburg

4/16/2020

Vice President of Academic Affairs or
President of the University

Date

1. This modification addresses a change in:

- | | |
|---|--|
| <input type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input type="checkbox"/> Total credits of elective course work | <input type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input checked="" type="checkbox"/> Other (explain below) |

Addition of a 3+3 accelerated pathway option partnering Biology, BS (Human Dynamics specialization) and Physical Therapy, DPT

2. Effective date of change: 8/1/2020

3. Program Degree Level:

Associate Bachelor's Master's Doctoral

4. Category:

Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur:

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name: _____

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Primary Aspects of the Modification (add lines or adjust cell size as needed):

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num	Title	Cr. Hrs	Pref.	Num	Title	Cr. Hrs
ANAT	711	Human Anatomy	6	ANAT	711	Human Anatomy	6
PHGY	730	Human Physiology	6	PHGY	730	Human Physiology	6
PHTH	701	Introduction to Patient/Client Management	2	PHTH	701	Introduction to Patient/Client Management	2
PHTH	704	Physical Therapy Examination	2	PHTH	704	Physical Therapy Examination	2
PHTH	706	Client and Community Health Education in Physical Therapy	2	PHTH	706	Client and Community Health Education in Physical Therapy	2
PHTH	712	Professional Conduct and Ethics	3	PHTH	712	Professional Conduct and Ethics	3
PHTH	780	Basic Research Design & Statistics	1	PHTH	780	Basic Research Design & Statistics	1
PHTH	781	Evidenced Based Practice	1	PHTH	781	Evidenced Based Practice	1
ANAT	712	Embryology	2	ANAT	712	Embryology	2
PHAR	720	Medical Pharmacology	2	PHAR	720	Medical Pharmacology	2
PHTH	702	Physical Agents and Electrotherapy	3	PHTH	702	Physical Agents and Electrotherapy	3
PHTH	710	Movement Science	6	PHTH	710	Movement Science	6
PHTH	718	Differential Diagnosis of Musculoskeletal Conditions	4	PHTH	718	Differential Diagnosis of Musculoskeletal Conditions	4
PHTH	731	Rehabilitation Neuroscience	3	PHTH	731	Rehabilitation Neuroscience	3
PHTH	786	Research Proposal in Health Sciences	1	PHTH	786	Research Proposal in Health Sciences	1
PHTH	714	Integumentary Physical Therapy I	1	PHTH	714	Integumentary Physical Therapy I	1
PHTH	720	Differential Diagnosis of Cardiovascular, Pulmonary and Other Conditions	3	PHTH	720	Differential Diagnosis of Cardiovascular, Pulmonary and Other Conditions	3
PHTH	722	Differential Diagnosis of Neuromuscular Conditions	2	PHTH	722	Differential Diagnosis of Neuromuscular Conditions	2
PHTH	724	Clinical Education I	6	PHTH	724	Clinical Education I	6
PHTH	730	Musculoskeletal Physical Therapy I	4	PHTH	730	Musculoskeletal Physical Therapy I	4
PHTH	732	Musculoskeletal Physical Therapy II	4	PHTH	732	Musculoskeletal Physical Therapy II	4
PHTH	734	Neuromuscular Physical Therapy I	5	PHTH	734	Neuromuscular Physical Therapy I	5
PHTH	736	Cardiovascular/Pulmonary Physical Therapy	5	PHTH	736	Cardiovascular/Pulmonary Physical Therapy	5
PHTH	783	Qualitative & Quantitative Statistics	1	PHTH	783	Qualitative & Quantitative Statistics	1
PHTH	787	Research Project in the Health Sciences	1	PHTH	787	Research Project in the Health Sciences	1
PHTH	790	Seminar I	1	PHTH	790	Seminar I	1
PHTH	740	Musculoskeletal Physical Therapy III	4	PHTH	740	Musculoskeletal Physical Therapy III	4
PHTH	742	Geriatric Physical Therapy	4	PHTH	742	Geriatric Physical Therapy	4
PHTH	744	Neuromuscular Physical Therapy II	4	PHTH	744	Neuromuscular Physical Therapy II	4
PHTH	746	Orthotics and Prosthetics	2	PHTH	746	Orthotics and Prosthetics	2
PHTH	748	Pediatric Physical Therapy	4	PHTH	748	Pediatric Physical Therapy	4
PHTH	787	Research Project in the Health Sciences	1	PHTH	787	Research Project in the Health Sciences	1
PHTH	738	Health Care Management & Systems	4	PHTH	738	Health Care Management & Systems	4
PHTH	752	Clinical Application of Imaging	1	PHTH	752	Clinical Application of Imaging	1
PHTH	754	Integumentary Physical Therapy II	1	PHTH	754	Integumentary Physical Therapy II	1
PHTH	756	Clinical Competence in Patient Management	1	PHTH	756	Clinical Competence in Patient Management	1

PHTH	762	Clinical Education II	8	PHTH	762	Clinical Education II	8
PHTH	764	Clinical Education III	8	PHTH	764	Clinical Education III	8
PHTH	787	Research Project in the Health Sciences	1	PHTH	787	Research Project in the Health Sciences	1
PHTH	772	Clinical Education IV	8	PHTH	772	Clinical Education IV	8
PHTH	774	Clinical Education V	8	PHTH	774	Clinical Education V	8

Accelerated DPT Program: Biology, B.S.-Human Dynamics Specialization with DPT standard program 3+3 PROGRAM OPTION (by application to the program through PTCAS)

This program is available, by application, to eligible University of South Dakota students in the Biology, B.S.-Human Dynamics specialization.

Students pursuing a B.S. in Biology with specialization in Human Dynamics through the 3+3 option are eligible to apply for admissions to the USD DPT Program if they meet the following criteria:

- a) enrolled in the B.S. in Biology with specialization in Human Dynamics undergraduate program;
- b) earn 91 curriculum path undergraduate credits by the end of the junior year;
- c) meet all major, distribution, general education, and testing requirements in accord with institutional and regental policies, guidelines, and requirements by the end of the junior year;
- e) submit to the Physical Therapy program a statement of interest regarding entry into the 3+3 program option by the beginning of the third undergraduate semester;
- f) receive a letter of recommendation from a professor teaching in the Biology, BS, Human Dynamics specialization attesting not only to the student's intellectual strengths, but specifically addressing the student's maturity, work ethic, and overall readiness for graduate school;
(in addition to the recommendation required as part of the standard PT admissions process);
- g) complete the standard application for admission to the PT Program through PTCAS.

If a 3+3 program applicant moderately deviates from these requirements, and demonstrates evidence of extraordinary character, leadership, and maturity, the Physical Therapy program reserves the right to make an exception and grant admission in that case.

Students who are not admitted to the PT program through the 3+3 would supplement 12 credits of upper division BIOL credits and 17 credits of other electives in their final year, earning their Human Dynamics specialization at the end of the 4th year. These students are eligible for reapplication along a traditional 4+3 timeline, using guidelines established and published for the admissions cycle.

Total number of hours required for major, minor, or specialization	136	Total number of hours required for major, minor, or specialization	136
Total number of hours required for degree	136	Total number of hours required for degree	136

7. Explanation of the Change:

This substantive modification proposes the addition of an accelerated 3+3 program partnering Biology and Physical Therapy (USDPT), allowing students pursuing a B.S. in Biology with a specialization in Human Dynamics to count 29 credit hours of the first year of the doctoral degree in physical therapy (DPT) toward the final (fourth) year of undergraduate programming (biology elective courses). The student will complete 91 credits of undergraduate coursework (including USDPT program pre-requisites) before matriculating to the USDPT program. Matriculation to the USDPT program is contingent upon acceptance following a competitive admissions process. The specific curriculum plan is found at the end of this modification form.

Several accredited programs in the U.S. offer accelerated 3+3 path options to a DPT degree, including a successful model at the University of North Dakota. Within the last few years, the number of programs offering the DPT degree has significantly increased. To shorten the plan of study for achieving a DPT degree, many newly emerging on-line programs accept students with 4-year degrees and compress a demanding, rigorous graduate curriculum into 2 years, rather than 3 years, which is typical with most face-to-face programs. These online programs are turning out mixed achievement outcomes, but they are attractive to students who perceive they will save tuition money (which, even with compressed programming, is not necessarily demonstrated since credit hours remain similar for these programs). While competition has increased with a greater number of developing programs, the number of applications to DPT programs is declining, in part due to tuition costs that do not keep up with professional salaries. Meeting accreditation expectations and supporting student competence toward national board exam achievement has been consistently and successfully accomplished with 3-year graduate programming. At the same time, a path to the degree that can be achieved in 6 rather than 7 academic years improves affordability for students often burdened by the high debt loads of higher education.

The proposed modifications offer benefits to both USD's biology degree program and its physical therapy program. The program serves as a recruiting opportunity for the biology department and for USD overall. The USDPT program benefits from knowing its early committed potential applicants and by using the early identification opportunity to begin shaping professional behaviors with extracurricular advisement and guidance. Furthermore, with declining numbers of applications, USDPT will benefit from recruiting academically strong and well-prepared students who are motivated by sound fiscal decision-making to pursue the DPT graduate degree.

The University of South Dakota
Major Credit Hour count: 57
Major: Biology - Human Dynamics, B.S.
[2020-2021 Academic Catalog]

Year / Semester	SGR/Major Requirement	Cr Hrs	Year / Semester	SGR/Major Requirement	Cr Hrs
First Year - 1st Semester			First Year - 2nd Semester		
BIOL 151/L General Biology I	SGR 6+M	4	BIOL 153/L General Biology II	BS + Major	4
CHEM 112/L: General Chemistry I	SGR 6+M	4	CHEM 114/L General Chemistry II	BS + Major	4
ENGL 101 Composition I	SGR 1	3	ENGL 210 Intro to Literature	BS	3
Mathematics	SGR 5	3	PSYC 101 General Psychology	SGR 3+M	3
First Year Seminar		1			
		Semester Credit Hours: 15			Semester Credit Hours: 14
Second Year - 1st Semester			Second Year - 2nd Semester		
BIOL 280/L Inquiry & Analysis	Major	2	BIOL 420: Biostats	Major	4
BIOL 471 Genetics	Major	3	PSYC 451 Abnormal Psychology	Major	3
SPCM 101 Fundamentals of Speech	SGR 2	3	BIOL 428/L Comparative Physiology	Major	4
Advanced Composition	SGR 1	3	Humanities	SGR 4	3
PSYC 321 Human Development	SGR 3+M	3	PSYC Minor Elective	BS	3
		Semester Credit Hours: 14			Semester Credit Hours: 17
Third Year - 1st Semester			Third Year - 2nd Semester		
BIOL Elective	Major	3	PSYC Minor Elective	BS	3
BIOL 481/L Vertebrate Anatomy & Embryology	Major	4	PSYC Minor Elective	BS	3
PSYC Minor Elective	BS	3	Additional Social Science/Humanities	BS	3
Additional Social Science/Humanities	BS	3	Fine Art	SGR 4	3
Elective (Recommend PT Pre-Req: PHYS 111/111L or PHYS 211/221L) ^a		4	Elective (Recommend PT Pre-Req: PHYS 113/113L or PHYS 213/213L) ^a		4
		Semester Credit Hours: 17			Semester Credit Hours: 16
Fourth Year^b - 1st Semester			Fourth Year^b - 2nd Semester		
ANAT 711: Human Anatomy (BIO Elective) ^c	Major + PT	6	ANAT 712: Embryology	PT	2
PHGY 730: Human Physiology (BIO Elective) ^c	Major + PT	6	PHAR 720: Medical Pharmacology	PT	2
PHTH 701: Introduction to Patient/Client Mgmt	PT	2	PHTH 702: Physical Agents and Electrotherapy	PT	3
PHTH 704: Physical Therapy Examination ^c	PT	2	PHTH 710: Movement Science ^c	PT	6
PHTH 706: Client & Community Health Ed in PT	PT	2	PHTH 731: Rehabilitation Neuroscience ^c	PT	4
PHTH 712: Professional Conduct & Ethics	PT	3	PHTH 786: Research Proposal in Health Sciences	PT	1
PHTH 780: Basic Research Design & Statistics	PT	1	PHTH 718: Differential Diagnosis of Musculoskeletal	PT	3
PHTH 781: Evidence Based Practice	PT	1	Conditions ^c		
		Undergraduate Semester Credit Hours (Recommended Courses^c): 14			Undergraduate Semester Credit Hours (Recommended Courses^c): 13
		Total Semester Hours: 23			Total Semester Hours: 21
Total Major Requirements					120

^aTo fulfill PT pre-requisites, students should take the physics series in their third year for the open electives;

^bStudents not enrolling in the PT program would supplement 12 credits of upper division BIOL credits and 17 credits of other electives in their final year.

^cRecommended BS Elective



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ACADEMIC AFFAIRS FORMS
Accelerated Graduate Program Request

UNIVERSITY:	USD
NAME AND DEGREE (e.g., BA, BS) OF UNDERGRADUATE PROGRAM:	B.S. in Biology – Human Dynamics Specialization
NAME AND DEGREE (e.g., MA, MS, PhD) OF GRADUATE PROGRAM:	Doctor of Physical Therapy (DPT)

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Elizabeth M. Freeburg

4/16/2020

Vice President of Academic Affairs or President of the University

Date

An accelerated graduate program for the purposes of this guideline is a graduate program at a Regental institution that allows a student to count courses for undergraduate and graduate credit simultaneously. Board Policy 2:8 – Level and Numbering of and Enrollment in Courses governs the transfer of courses between the undergraduate and graduate program.

Board of Regents Policy 2:5 – Transfer of Credit requires the Board of Regents to approve accelerated programs involving the transfer of thirteen (13) or more credits up to a total of twenty-five (25) total transfer credit hours at the accepting institution. In other words, an institution may create an accelerated program of one (1) to twelve (12) hours without Board approval. However, an accelerated program requires the creation of coding by the Enrollment Services Center (ESC) regardless of whether or not the accelerated program is accepting more than twelve (12) credit hours.

1. **Maximum number of credits allowed to transfer between undergraduate and graduate program:** 29 credits
2. **Is the response to Question 1 more than thirteen (13) credit hours?**
 Yes No
 (requires BOR approval) (does not require BOR approval)
3. **What is the proposed date (day/month/year) the accelerated program would begin?**
 Fall, 2020
4. **Please provide a brief explanation of the accelerated program, including specific courses eligible for both the undergraduate and graduate program credit.**

The addition of the accelerated 3+3 program partnering Biology and Physical Therapy allows students pursuing a B.S. in Biology with a specialization in Human Dynamics to count 29 credit hours of the first year of the doctoral degree in physical therapy (DPT) toward the final (fourth) year of undergraduate programming (biology elective courses). The student will complete 91 credits of undergraduate coursework (including PT Program pre-requisites) before matriculating to the DPT program. Matriculation to the DPT Program is contingent upon acceptance following a competitive admissions process. See next page for curriculum details.