



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

UNIVERSITY:	University of South Dakota
CURRENT PROGRAM TITLE:	Doctor of Occupational Therapy (OTD) and Post Professional Doctor of Occupational Therapy (OTD)
CIP CODE:	51.2306
UNIVERSITY DEPARTMENT:	Occupational Therapy
UNIVERSITY DIVISION:	School of Health Sciences

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 11/21/19
 Vice President of Academic Affairs or Date
 President of the University

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 accelerated pathway, a 3+3 option for Neuroscience, BS and Kinesiology and Sport Science, B.S.-Exercise Science specializations |

2. Effective date of change (enter catalog year): 2020-2021

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):

Existing Curriculum

Proposed Curriculum (highlight changes)

Occupational Therapy, O.T.D.

Pref.	Num	Title	Cr. Hrs.	Pref.	Num	Title	Cr. Hrs.
ANAT	711	Human Gross Anatomy	6	ANAT	711	Human Gross Anatomy	6
OCTH	710	The Meaning of Occupation	2	OCTH	710	The Meaning of Occupation	2
OCTH	712	Structure, Movement and Occupation	4	OCTH	712	Structure, Movement and Occupation	4
OCTH	715	Occupational Performance: Childhood	3	OCTH	715	Occupational Performance: Childhood	3
OCTH	720	Philosophical & Theoretical Foundations of Occupational Therapy	2	OCTH	720	Philosophical & Theoretical Foundations of Occupational Therapy	2
OCTH	721	Neurological Foundation of Occupation	4	OCTH	721	Neurological Foundation of Occupation	4
OCTH	724	Therapeutic Use of Self & Groups	3	OCTH	724	Therapeutic Use of Self & Groups	3
OCTH	725	Occupational Performance: Adulthood	3	OCTH	725	Occupational Performance: Adulthood	3
OCTH	731	Physical & Psychosocial Health Conditions	4	OCTH	731	Physical & Psychosocial Health Conditions	4
OCTH	732	Therapeutic Adaptations to Enhance Occupational Performance	4	OCTH	732	Therapeutic Adaptations to Enhance Occupational Performance	4
OCTH	733	Promotion of Health & Prevention of Disability	3	OCTH	733	Promotion of Health & Prevention of Disability	3
OCTH	734	Environmental Influences on Occupation	3	OCTH	734	Environmental Influences on Occupation	3
OCTH	741	Professional Identity & Field Experiences I	3	OCTH	741	Professional Identity & Field Experiences I	3
OCTH	742	Preparatory Methods: Physical Agent Modalities & Orthotic Devices	4	OCTH	742	Preparatory Methods: Physical Agent Modalities & Orthotic Devices	4
OCTH	746	OT Assessment & Intervention: Adult Physical Disabilities	4	OCTH	746	OT Assessment & Intervention: Adult Physical Disabilities	4
OCTH	747	OT Assessment & Intervention: Psychosocial Practice	4	OCTH	747	OT Assessment & Intervention: Psychosocial Practice	4
OCTH	748	Interruptions to Adult Occupations	2	OCTH	748	Interruptions to Adult Occupations	2
OCTH	749	Interruptions to Adult Occupations II	2	OCTH	749	Interruptions to Adult Occupations II	2
OCTH	750	Leadership & Management in Healthcare	4	OCTH	750	Leadership & Management in Healthcare	4
OCTH	751	Professional Identity & Field Experiences II	2	OCTH	751	Professional Identity & Field Experiences II	2
OCTH	754	Social & Political Contexts of OT Practice	2	OCTH	754	Social & Political Contexts of OT Practice	2
OCTH	756	OT Assessment & Intervention: Childhood & Adolescence	4	OCTH	756	OT Assessment & Intervention: Childhood & Adolescence	4
OCTH	758	Interruptions to Childhood & Adolescent Occupations	3	OCTH	758	Interruptions to Childhood & Adolescent Occupations	3
OCTH	764	Fieldwork Level II	6	OCTH	764	Fieldwork Level II	6
OCTH	770	The Health Professional as Academic & Clinical Educator	2	OCTH	770	The Health Professional as Academic & Clinical Educator	2
OCTH	774	Fieldwork Level II	6	OCTH	774	Fieldwork Level II	6
OCTH	780	Research Design and Data Analysis	3	OCTH	780	Research Design and Data Analysis	3
OCTH	781	Evidence-Based Practice	1	OCTH	781	Evidence-Based Practice	1
OCTH	784	Scholarly Project Proposal	1	OCTH	784	Scholarly Project Proposal	1
OCTH	786	Scholarly Project Must enroll twice for total of 2 cr	(1) 2 req	OCTH	786	Scholarly Project (Must enroll twice, each for 1 cr)	(1) 2 req
OCTH	800	Capstone Proposal (Must enroll twice, each for 1 cr)	2	OCTH	800	Capstone Proposal (Must enroll twice, each for 1 cr)	2
OCTH	801	Capstone Experience Enrolls 1x for 10 cr	(4-12) 10 req	OCTH	801	Capstone Experience Enrolls 1x for 10 cr	(4-12) 10 req
OCTH	802	Capstone Project	2	OCTH	802	Capstone Project	2
PHGY	735	Human Physiology for OT	(1-4) 4 req	PHGY	735	Human Physiology for OT	(1-4) 4 req
				<p>Accelerated OTD Program: Neuroscience, B.S.-Cognitive Neuroscience Specialization with OTD standard program and Accelerated OTD Program: B.S. - Kinesiology and Sport Management with OTD standard program. 3+3 PROGRAM OPTION (by application to the program through OTCAS) This program is available, by application, to eligible University of South Dakota students in the Neuroscience, B.S.-Cognitive Neuroscience specialization The following restrictions apply: a) be enrolled in a USD undergraduate program; b) earn 90 undergraduate credits by the end of the junior year;¹ 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; d) have at least a 3.25 cumulative GPA by the end of the junior year, and earn the following scores on the GRE: 40th percentile rank Verbal, 45th percentile rank Quantitative and a writing score of 4.0;² e) submit to the Occupational Therapy program a statement of interest regarding entry into the 3+3 program option by the beginning of the third semester; f) receive a letter of recommendation from the Neuroscience, BS program director or from the Kinesiology and Sport Management, division chair attesting not only to the student's intellectual strengths, but also to the student's maturity, work</p>			

				<p>ethic, and overall readiness for graduate school (in addition to the letters required from an occupational therapist or other health or social service provider and an employer as part of the standard OT admissions process);</p> <p>g) complete the standard application for admission to the OT Program through OTCAS. This may be completed as early as sophomore year of the undergraduate curriculum if the following requirements are met and maintained: overall GPA of 3.5, science GPA of 3.2, No Cs in pre-requisite courses, GRE completed with minimal scores as defined above.</p> <p>²If a 3+3 program applicant moderately deviates from these requirements, and demonstrates evidence of extraordinary character, leadership, and maturity, the Occupational therapy program reserves the right to make an exception and grant admission in that case.</p>	
Total number of hours required for degree			114	Total number of hours required for degree	114

Existing Curriculum
Post Professional Doctor of Occupational Therapy, O.T.D.

Proposed Curriculum (highlight changes)
No changes

Pref.	Num	Title	Cr. Hrs	Pref.	Num	Title	Cr. Hrs.
OCTH	722	Evaluating Theories and Models of Practice in Occupational Therapy	2	OCTH	722	Evaluating Theories and Models of Practice in Occupational Therapy	2
OCTH	733	Promotion of Health & Prevention of Disability	3	OCTH	733	Promotion of Health & Prevention of Disability	3
OCTH	760	Leadership in Healthcare (2-3 cr)	2	OCTH	760	Leadership in Healthcare	3
OCTH	770	The Health Professional as Academic & Clinical Educator	2	OCTH	770	The Health Professional as Academic & Clinical Educator (2-3 cr)	3
OCTH	782	Advanced Research Methods	2	OCTH	782	Advanced Research Methods	2
OCTH	783	Applying Evidence-Based Practice in OT	1	OCTH	783	Applying Evidence-Based Practice in OT	1
OCTH	800	Capstone Proposal	1	OCTH	800	Capstone Proposal	1
OCTH	801	Capstone Experience (4-8 cr) (Students enroll twice, each for 4 cr)	8	OCTH	801	Capstone Experience (4-8 cr) (Students enroll twice, each for 4 cr)	8
OCTH	802	Capstone Project (1-2 cr)	2	OCTH	802	Capstone Project (1-2 cr)	2
Electives (Program Director approved) Options Included but are not limited to:			6	Electives (Program Director approved) Options Included but are not limited to:			6
OCTH	759	Trauma-Informed Care: Pediatrics	3	OCTH	759	Trauma-Informed Care: Pediatrics	3
OCTH	761	Prof Dev. & Field Experiences 3	1-3	OCTH	761	Prof Dev. & Field Experiences 3	1-3
OCTH	791	Special Project (C)	1-3	OCTH	791	Special Project (C)	1-3
OCTH	792	Special Topics	3	OCTH	792	Special Topics	3
Total number of hours required for degree			31	Total number of hours required for degree			31

7. Explanation of the Change:

The University of South Dakota is proposing an accelerated pathway for the attainment of the Doctor of Occupational Therapy through a 3+3 option with the Neuroscience B.S – Cognitive Neuroscience Specialization and a 3 + 3 option with Kinesiology and Sport Management with the admission requirements detailed above.

Regional competitors such as Creighton University offer 3 +3 options: <https://spahp.creighton.edu/future-students/doctor-occupational-therapy/prerequisites> . In 1999, Creighton offered the first Doctor of Occupational Therapy degree in the nation, and it included a 3 +3 option. Prior to implementation of the 2011 ACOTE Standards, a baccalaureate degree was not required prior to admission to the doctorate. For these reasons, Creighton has always been a strong competitor. In 2016, USD’s OT program was accredited at the doctorate, the 12th in the nation to do so. With the adoption of the 2018 ACOTE Standards, the requirement for a baccalaureate degree prior to admission to the doctorate was removed. Creighton will admit students without a baccalaureate degree again beginning Fall 2020; other programs nationwide are also proposing 3 + 3 options. A link to Creighton’s pre-occupational therapy fact sheet indicates that applicants must complete a minimum of 60 credit hours of college coursework in addition to pre-OT prerequisites to apply. Applicants are not limited to those who have

completed those credits at Creighton. <http://blogs.creighton.edu/edge/files/2019/07/Pre-Occupational-Therapy-Fact-Sheet.pdf>. Other occupational therapy doctoral programs that offer a 3 + 3 option in the expanded region include University of North Dakota (<https://und.edu/programs/occupational-therapy-otd/requirements.html>), College of St. Mary's in Omaha (<http://www.csm.edu/academics/occupational-therapy-doctorate>), St. Ambrose in Iowa (<http://www.sau.edu/occupational-therapy/application-and-admission>), University of Missouri (<https://healthprofessions.missouri.edu/occupational-therapy/about/our-degrees/#occupational-therapy-doctorate-otd>), and University of Indianapolis (<https://www.uindy.edu/health-sciences/ot/otd-admission>).

USD's Occupational Therapy program is experiencing a competitive disadvantage without the 3 + 3 option. In fact, South Dakota is identified as one of 19 states which does NOT offer a 3 + 3 program for Occupational Therapy (<https://www.occupationaltherapy.school/accelerated-occupational-therapy-programs/>). The benefit of 3 + 3 offerings will be passed directly to students by better meeting their needs through financial savings and expedited degree attainment. USD Occupational Therapy graduates, the vast majority of whom stay in-state or within the 5-state region, will ultimately meet state and regional professional workforce needs and interests. In addition, the Neuroscience undergraduate degree has become a very attractive and appropriate undergraduate major for the Doctor of Occupational Therapy degree at a national level, in addition to undergraduate degrees in psychology, health sciences, exercise science and biology. (<https://neurosciencemajor.osu.edu/pre-professional/occupational-therapist>.) The intent of these 3 + 3 options is to provide students with as many options as possible, to remain competitive in the region, and to prepare students well for graduate work and practice as an occupational therapist.

No changes will be made to the standard Doctor of Occupational Therapy degree. The B.S. in Neuroscience- Cognitive Specialization is especially relevant for those OTD students who choose an emphasis in Neuroscience and Rehabilitation within the OTD Program. The B.S. in Kinesiology and Sports Management prepares students for all practice contexts within the profession. The design of both 3 + 3 programs includes all prerequisite courses currently required of those applying to the OT program.

The Fast Track in OT option would benefit students in Kinesiology and Sport Management in two respects. First it would allow qualified students the option to complete both degrees in six years rather than seven. This would be a significant cost reduction for those students. Second, the existence of this type of program would be a marketing opportunity to attract additional students who may not otherwise be looking at USD. This would be a revenue generator for USD. The Fast Track in OT option would become a win/win for USD as well as any interested students.

Example 4-year plan attached for the Neuroscience, B.S.-Cognitive Neuroscience Specialization/OTD plan, see below:

The University of South Dakota
Major Credit Hour count: 60-62

Major: Neuroscience-Cognitive Neuroscience Specialization, B.S.

[2019-2020 Academic Catalog]

<u>Year / Semester</u>	<u>SGR/Major Requirement</u>	<u>Cr Hrs</u>	<u>Year / Semester</u>	<u>SGR/Major Requirement</u>	<u>Cr Hrs</u>
First Year - 1st Semester			First Year - 2nd Semester		
BIOL 151/L: General Biology I	SGR 6+M	4	BIOL/PSYC 150: Exploring Neuroscience	Major	3
CHEM 112/L: General Chemistry I	SGR 6+M	4	BIOL 153/L: General Biology II	BS + Major	4
ENGL 101: Composition I	SGR 1	3	CHEM 114/L: General Chemistry II	BS + Major	4
PSYC 101: General Psychology	SGR 3+M	3	MATH 123/L: Calculus I	SGR 5 + BS	5
Humanities	SGR 4	3			
	Semester Credit Hours:	17		Semester Credit Hours:	16
Second Year - 1st Semester			Second Year - 2nd Semester		
PHYS 111/L: Intro to Physics I or PHYS 211	Major	4	PHYS 113/L: Intro to Physics II or PHYS 213	pre-OT	4
BIOL 280/L: Inquiry & Analysis	Major	2	PSYC 371 or BIOL 420/L	Major	3
PSYC 301/L: Sensation & Perception	Major	4	PSYC 302/L: Learning and Memory	Major	4
SPCM 101: Fundamentals of Speech	SGR 2	3	Advanced Composition	SGR 1	3
ENGL 210: Intro to Literature	BS	3	Social Science (ANTH or SOC)	SGR 3 + pre-OT	3
	Semester Credit Hours:	16		Semester Credit Hours:	17
Third Year - 1st Semester			Third Year - 2nd Semester		
PSYC 413: Evolutionary Psychology	Major	3	Major Elective	Major	3
BIOL 430: Neurobiology	Major	3	Additional Social Science/Humanities	BS	3
PSYC 321: Developmental Psychology	Pre-OT	3	PSYC 451: Abnormal Psychology	Pre-OT	3
Major Elective	Major	3	Elective		3
NSCI 400	Major	1	NSCI 489:	Major	3
PSYC 406: Cognitive Psychology	Major	3	Fine Arts	SGR 4	3
	Semester Credit Hours:	16		Semester Credit Hours:	18
Fourth Year - 1st Semester			Fourth Year - 2nd Semester		
ANAT 711: Human Gross Anatomy		6	OCTH 754 Social & Political Contexts of OT		2
OCTH 710: The Meaning of Occupation	OT	2	OCTH 721: Neurological Foundation of Occ.	Major + OT	4
OCTH 712: Structure, Movement and Occupation		4	OCTH 715: Occup. Performance: Childhood	OT	3
OCTH 720: Philosophical & Theoretical Found. OT		2	OCTH 725: Occup. Performance: Adulthood	OT	3
PHGY 735: Human Physiology for OT	OT	4	OCTH 780: Research Design and Data Analysis	OT	3
	UG Semester Credit Hours:	10	OCTH 781: Evidence-Based Practice	OT	1
	Semester Credit Hours:	18		UG Semester Credit Hours:	10
				Total Semester Credit Hours:	16
				Total Major Requirements	120

Notes: With the above coursework, the student will complete the Interdisciplinary Science Minor.

The University of South Dakota

Major Credit Hour count: 37

Major: Exercise Science, B.S.-fast track option to OTD

[2019-2020 Academic Catalog]

<u>Year / Semester</u>	SGR/Major Requirement	<u>Cr Hrs</u>	<u>Year / Semester</u>	SGR/Major Requirement	<u>Cr Hrs</u>
<u>First Year - 1st Semester</u>			<u>First Year - 2nd Semester</u>		
BIOL 151/L: General Biology I	SGR 6/Pre-OT	4	Mathematics (MATH 102 or 123/L)	SGR 5	4
CHEM 112/L: General Chemistry I	SGR 6	4	PE 180: Foundations of HPER	Major	2
ENGL 101: Composition I	SGR 1	3	Medical Terminology (CLHU 101 or HSC 250)	Pre-OT	1
PSYC 101: General Psychology	SGR 3/Pre-OT	3	SPCM 101: Fundamentals of Speech	SGR 2	3
Humanities	SGR 4	3	Electives		7
	Semester Credit Hours:	17		Semester Credit Hours:	17
<u>Second Year - 1st Semester</u>			<u>Second Year - 2nd Semester</u>		
PHGY 220/220L	SGR 6+M/Pre-OT	4	PHGY 230/230L	SGR 6/Pre-OT	4
KSM 240: Organization & Administration of KSM	Major	3	KSM 353: Kinesiology	Major	3
Statistics (STAT 281, PSYC 271, or BIOL 420)	Pre-OT	3	ENGL 205: Business Writing	SGR 1+Major	3
Electives		7	Social Science (SOC 100 or ANTH 210)	SGR 3+Pre-OT	3
	Semester Credit Hours:	17	Electives		4
			Semester Credit Hours:	17	
<u>Third Year - 1st Semester</u>			<u>Third Year - 2nd Semester</u>		
KSM 300: Introduction to Research	Major	3	KSM 400: Exercise Testing & Prescription	Major	3
KSM 350: Exercise Physiology	Major	3	PSYC 451: Abnormal Psychology	Pre-OT	3
HLTH 422: Nutrition	Major	3	Fine Arts	SGR 4	3
KSM 450: Sport Facility & Event Management OR KSM					
453: Sport Psychology OR KSM 490: Seminar	Major	3	KSM/PE/HLTH Electives	Major	3
PSYC 321: Developmental Psychology	Pre-OT	3	Electives		5
	Semester Credit Hours:	15	Semester Credit Hours:	17	
<u>Fourth Year - 1st Semester</u>			<u>Fourth Year - 2nd Semester</u>		
ANAT 711: Human Gross Anatomy	OT	6	OCTH 754: Social & Political Contexts of OT	OT	2
OCTH 710: The Meaning of Occupation	OT	2	OCTH 721: Neurological Foundation of Occ.	OT	4
OCTH 712: Structure, Movement and Occupation	OT	4	OCTH 715: Occup. Performance: Childhood	OT	3
OCTH 720: Philosophical & Theoretical Found.	OT	2	OCTH 725: Occup. Performance: Adulthood	OT	3
PHGY 735: Human Physiology for OT	OT	4	OCTH 780: Research Design and Data Analysis	OT	3
	UG Semester Credit Hours:	10	OCTH 781: Evidence-Based Practice	OT	1
	Semester Credit Hours:	18	UG Semester Credit Hours:	10	
			Total Semester Credit Hours:	16	
			Total Major Requirements	120	