

**The University of South Dakota**  
**Major Credit Hour count: 37**  
**Major: Exercise Science, B.S.-accelerated program to OTD**

Year / Semester	SGR/Major Requirement	Cr Hrs		Year / Semester	SGR/Major Requirement	Cr Hrs
<b>First Year - 1st Semester</b>				<b>First Year - 2nd Semester</b>		
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
<b>Semester Credit Hours:</b>		<b>17</b>		<b>Semester Credit Hours:</b>		<b>17</b>
<b>Second Year - 1st Semester</b>				<b>Second Year - 2nd Semester</b>		
PHGY 220/L: Human Anatomy & Physiology I	SGR 6+M/Pre-OT	4		PHGY 230/L: Human Anatomy & Physiology II	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
				Electives		4
<b>Semester Credit Hours:</b>		<b>17</b>		<b>Semester Credit Hours:</b>		<b>17</b>
<b>Third Year - 1st Semester</b>				<b>Third Year - 2nd Semester</b>		
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
<b>Semester Credit Hours:</b>		<b>15</b>		<b>Semester Credit Hours:</b>		<b>17</b>
<b>Fourth Year - 1st Semester</b>				<b>Fourth Year - 2nd Semester</b>		
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
				OCTH 781: Evidence-Based Practice	OT	1
<b>UG Semester Credit Hours:</b>		<b>10</b>		<b>UG Semester Credit Hours:</b>		<b>10</b>
Semester Credit Hours:		18		Total Semester Credit Hours:		16
					<b>Total Major Requirements</b>	<b>120</b>

# The University of South Dakota

Major Credit Hour count: 60-62

Major: Neuroscience-Cognitive Neuroscience Specialization, B.S.-accelerated program to OTD

Year / Semester	SGR/Major Requirement	Cr Hrs		Year / Semester	SGR/Major Requirement	Cr Hrs
<b>First Year - 1st Semester</b>				<b>First Year - 2nd Semester</b>		
BIOL 151/L: General Biology I	SGR 6+M/Pre-OT	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/Pre-OT	4
ENGL 101: Composition I	SGR 1	3		CHEM 114/L: General Chemistry II	BS + Major	4
PSYC 101: General Psychology	SGR 3+M/Pre-OT	3		MATH 123/L: Calculus I	SGR 5 + BS	5
Humanities	SGR 4	3				
<b>Semester Credit Hours:</b>		<b>17</b>		<b>Semester Credit Hours:</b>		<b>16</b>
<b>Second Year - 1st Semester</b>				<b>Second Year - 2nd Semester</b>		
PHYS 111/L: Intro to Physics I or PHYS 211	Major	4		PSYC 371 or BIOL 420/L	Pre-OT	4
BIOL 280/L: Inquiry & Analysis	Major	2		PSYC 302/L: Learning and Memory	Major	3
PHGY 220/220L: Human Anatomy & Physiology I	SGR 6+M/Pre-OT	4		PHGY 230/I: Human Anatomy & Physiology II	Pre-OT	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
<b>Semester Credit Hours:</b>		<b>16</b>		<b>Semester Credit Hours:</b>		<b>17</b>
<b>Third Year - 1st Semester</b>				<b>Third Year - 2nd Semester</b>		
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
PSYC 301/L: Sensation & Perception	Major	4		Major Elective	Major	3
NSCI 400: Neuroscience Journal Club	Major	1		NSCI 489: Neurobehavioral Research Techniques	Major	3
PSYC 406: Cognitive Psychology	Major	3		Fine Arts	SGR 4	3
<b>Semester Credit Hours:</b>		<b>17</b>		<b>Semester Credit Hours:</b>		<b>18</b>
<b>Fourth Year - 1st Semester</b>				<b>Fourth Year - 2nd Semester</b>		
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
				OCTH 781: Evidence-Based Practice	OT	1
<b>UG Semester Credit Hours:</b>		<b>10</b>		<b>UG Semester Credit Hours:</b>		<b>10</b>
Semester Credit Hours:		18		Total Semester Credit Hours:		16
				<b>Total Major Requirements</b>		<b>120</b>

# The University of South Dakota

Major Credit Hour count: Core Courses 35 +

Clinical Studies Specialization 10-11 = 45-46

Major: Health Sciences, B.S. with Clinical Studies Specialization and fast track option to OTD

Year / Semester	SGR/Major Requirement	Cr Hrs		Year / Semester	SGR/Major Requirement	Cr Hrs
<b>First Year - 1st Semester</b>				<b>First Year - 2nd Semester</b>		
HSC 103: Intro to Health Sciences	Elective (Recommended)	1		PHGY 220/220L: Anatomy & Physiology I w/ Lab	Major/Pre-OT	4
ENGL 101: Composition I	SGR 1	3		HSC 250: Healthcare Terms in Clinical Settings	Major/Pre-OT	3
SOC 100: Introduction to Sociology	SGR 3/Pre-OT	3		PSYC 101: General Psychology	SGR 3/Pre-OT	3
HSC 110: Interprofessional Health Team	Major	3		HSC 305: Professional Communications	Major	3
CHEM 106/106L: Chemistry Survey w/ Lab	Pre-req	4		Mathematics (MATH 103 or higher)	SGR 5	3
Elective	Major	3				
<b>Semester Credit Hours:</b>		<b>17</b>		<b>Semester Credit Hours:</b>		<b>16</b>
<b>Second Year - 1st Semester</b>				<b>Second Year - 2nd Semester</b>		
HSC 310: Health Care Delivery	Major	3		HSC 350: Principles of Health Care	Major	3
PHGY 230/230L: Anatomy & Physiology II w/ Lab	Major/Pre-OT	4		PSYC 371 or BIOL 420/L or STAT 281	Major/Spec/Pre-OT	3
HSC 380: Health Literacy / Culture Care	Major	3		Advanced Composition	SGR 1	3
SPCM 101: Fundamentals of Speech	SGR 2	3		BIOL 153/153L: General Biology II**	SGR 6/Pre-OT	4
PSYC 321: Developmental Psychology	Pre-OT	3		Elective	Major	3
<b>Semester Credit Hours:</b>		<b>16</b>		<b>Semester Credit Hours:</b>		<b>16</b>
<b>Third Year - 1st Semester</b>				<b>Third Year - 2nd Semester</b>		
Fine Arts	SGR 4	3		HSC 360: Technology in Care Delivery	Major	3
HSC 440: Patient Safety and Quality Improvement	Major	3		ANAT 411: Human Gross Anatomy	Major/Spec	4
HSC 315: Intro to Public Health	Major	3		HSC 440: Evidence Based Decision Making	Major/Spec	3
PSYC 451: Abnormal Psychology	Pre-OT	3		HSC 460: Leading Change	Major	3
Elective	Elective	3		Elective	Elective	4
Humanities	SGR 4	3				
<b>Semester Credit Hours:</b>		<b>18</b>		<b>Semester Credit Hours:</b>		<b>17</b>
<b>Fourth Year - 1st Semester</b>				<b>Fourth Year - 2nd Semester</b>		
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
				OCTH 781: Evidence-Based Practice	OT	1
<b>UG Semester Credit Hours:</b>		<b>10</b>		<b>UG Semester Credit Hours:</b>		<b>10</b>
Semester Credit Hours:		18		Total Semester Credit Hours:		16
				<b>Total Major Requirements</b>		<b>120</b>