

**University of South Dakota**  
**Major Credit Hour count: 60-62**  
**Major: Neuroscience-Cognitive Neuroscience Specialization, B.S.**

[2021-2022 Academic Catalog]

<u>Year / Semester</u>	SGR/Major Requirement	Cr Hrs	<u>Year / Semester</u>	SGR/Major Requirement	Cr Hrs
<b><u>First Year - 1st Semester</u></b>			<b><u>First Year - 2nd Semester</u></b>		
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: Calculus I*	SGR 5 + BS	5
First Year Seminar		1			0
	<b>Semester Credit Hours:</b>	<b>15</b>		<b>Semester Credit Hours:</b>	<b>16</b>
<b><u>Second Year - 1st Semester</u></b>			<b><u>Second Year - 2nd Semester</u></b>		
PHYS 111/L: Intro to Physics I or PHYS 211/L	Major	4	PSYC 371: Statistics in Psych Research or BIOL 420/L: Intro to Biostatistics & Comp Bio/Lab	Major	3
BIOL 280/L: Inquiry & Analysis	Major	2	PSYC 302/L: Learning and Memory	Major	4
PSYC 301/L: Sensation & Perception	Major	4	Advanced Composition	SGR 1	3
CMST 101: Fundamentals of Speech	SGR 2	3	Humanities	SGR 4	3
ENGL 210: Intro to Literature	BS	3	Social Science	SGR 3	3
	<b>Semester Credit Hours:</b>	<b>16</b>		<b>Semester Credit Hours:</b>	<b>16</b>
<b><u>Third Year - 1st Semester</u></b>			<b><u>Third Year - 2nd Semester</u></b>		
PSYC 413: Evolutionary Psychology	Major	3	Major Elective	Major	3
BIOL 430: Neurobiology	Major	3	Electives		9
Fine Arts	SGR 4	3	Additional Social Science/Humanities	BS	3
Elective		3			0
Additional Social Science/Humanities	BS	3			0
	<b>Semester Credit Hours:</b>	<b>15</b>		<b>Semester Credit Hours:</b>	<b>15</b>
<b><u>Fourth Year - 1st Semester</u></b>			<b><u>Fourth Year - 2nd Semester</u></b>		
NSCI 400: Neuroscience Journal Club	Major	1	NSCI 489: Neurobehavioral Research Techniques	Major	3
PSYC 406: Cognitive Psychology	Major	3	Major Elective	Major	3
Major Elective	Major	3	Electives		6
Electives		8			0
	<b>Semester Credit Hours:</b>	<b>15</b>		<b>Semester Credit Hours:</b>	<b>12</b>
			<b>Total Major Requirements</b>		<b>120</b>

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

\*MATH 123 Calculus I is strongly encouraged.

However, SGR5 + BS requirements can also be fulfilled by taking MATH 121 Survey of Calculus, or a pairing of Math courses (MATH 114 with 104, MATH 103/L with 104, MATH 115 with 104, or MATH 120 with 104).