The University of South Dakota
Major Credit Hour count: 50
Major: Computer Science, B.A.

[2021-2022 Academic Catalog]

First Year - 1st Semester	SGR/Major Requirement	Cr Hrs	First Year - 2nd Semester	SGR/Major Requirement	Cr Hrs
ENGL 101 Composition I	SGR1	3	ENGL 210 Introduction to Literature	BA	3
CSC 155/155L Computer Science I	Major	4	CSC 255/255L Computer Science II	Major	4
MATH 121 Survey of Calculus	Major+SGR5	4	Social Science	SGR3	3
CMST 101 Fundementals of Speech	SGR2	3	Fine Arts	SGR4	3
First Year Seminar		1	Elective		3
Semester Credit Hours:		**15**	**Semester Credit Hours:**		**16**
Second Year - 1st Semester	SGR/Major Requirement	Cr Hrs	**Second Year - 2nd Semester**	SGR/Major Requirement	Cr Hrs
CSC 350 Algorithms & Data Structures	Major	4	CSC 324/324L Machine Organization	Major	4
MATH 216 Discrete Structures	Major	3	CSC Elective (see list in Notes)	Major	3
Natural Science	SGR6	4	Social Science	SGR3	3
Advanced Composition	SGR1	3	Natural Science	SGR6	4
Semester Credit Hours:		**14**	**Semester Credit Hours:**		**14**
Third Year - 1st Semester	SGR/Major Requirement	Cr Hrs	**Third Year - 2nd Semester**	SGR/Major Requirement	Cr Hrs
CSC Elective (see list in Notes)	Major	6	CSC Elective (see list in Notes)	Major	6
Foreign Language	SGR4+BA	4	Additional Social Science/Humanities	BA	3
Minor	BA	6	Foreign Language	BA	4
		0	Minor	BA	3
Semester Credit Hours:		**16**	**Semester Credit Hours:**		**16**
Fourth Year - 1st Semester	SGR/Major Requirement	Cr Hrs	**Fourth Year - 2nd Semester**	SGR/Major Requirement	Cr Hrs
CSC Elective (see list in Notes)	Major	6	CSC 480 Capstone: Software Engineering	Major	3
Minor	BA	6	CSC Elective (see list in Notes)	Major	3
Additional Social Science/Humanities	BA	3	Minor	BA	3
		0	Elective		5
Semester Credit Hours:		**15**	**Semester Credit Hours:**		**14**
			Total Major Requirements		**120**

Notes:
CSC Electives: CSC 301, CSC 302, CSC 380, CSC 408, CSC 411, CSC 424, CSC 425, CSC 433, CSC 435, CSC 447, CSC 453, CSC 456, CSC 461, CSC 462, CSC 471, CSC 472, CSC 475, CSC 481, CSC 486,