The University of South Dakota
Major Credit Hour count: 60
Major: Computer Science, B.A. Artificial Intelligence Specialization

[2021-2022 Academic Catalog]

First Year - 1st Semester	SGR/Major Requirement	Cr Hrs	First Year - 2nd Semester	SGR/Major Requirement	Cr Hrs
CSC 155/155L Computer Science I	Major	4	CSC 255/255L Computer Science II	Major	4
ENGL 101 Composition I	SGR 1	3	ENGL 210 Introduction to Literature	BA	3
MATH 121 Survey of Calculus	Major+SGR 5	4	CMST 101 Fundementals of Speech	SGR 2	3
Social Science	SGR 3	3	Fine Arts	SGR 4	3
First Year Seminar		1	Social Science	SGR 3	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	Specialization Course (CSC 425/CSC 447/CSC 486/CSC 488)	Major	3
Foreign Language	SGR 4+BA	3	Foreign Language	BA	3
Natural Science	SGR 6	4	Natural Science	SGR 6	4
Advanced Composition	SGR 1	3			
Semester Credit Hours:		**17**	**Semester Credit Hours:**		**14**
Third Year - 1st Semester	SGR/Major Requirement	Cr Hrs	Third Year - 2nd Semester	SGR/Major Requirement	Cr Hrs
Specialization Course (CSC 425/CSC 447/CSC 486/CSC 488)	Major	3	Specialization Course (CSC 425/CSC 447/CSC 486/CSC 488)	Major	3
CSC Elective (See list in notes)	Major	4	Additional Social Science/Humanities	BA	3
Additional Social Science/Humanities	BA	3	Minor	BA	3
Minor	BA	6	CSC Elective (See list in notes)	Major	6
Semester Credit Hours:		**16**	**Semester Credit Hours:**		**15**
Fourth Year - 1st Semester	SGR/Major Requirement	Cr Hrs	Fourth Year - 2nd Semester	SGR/Major Requirement	Cr Hrs
Specialization Course (CSC 425/CSC 447/CSC 486/CSC 488)	Major	3	CSC 480 Capstone: Software Engineering	Major	3
Minor	BA	6	CSC Elective (See list in notes)	Major	6
STAT Course (STAT 480 or STAT 481)	Major	3	Minor	BA	3
CSC Elective (See list in notes)	Major	3			
Semester Credit Hours:		**15**	**Semester Credit Hours:**		**12**
			Total Major Requirements		**120**

Notes:
CSC Electives: CSC 408, CSC 411, CSC 433, CSC 435, CSC 453, CSC 456, CSC 461, CSC 462, CSC 471, CSC 475, CSC 481, CSC 491, CSC 494.
CSC Elective for Specialization (Select 12 credit hours from the following courses): CSC 425, CSC 447, CSC 486, CSC 488.