

[2018-2019 Academic Catalog]

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

**Year / Semester**

**First Year - 1st Semester**

ENGL 101 Composition I	SGR1	3
CSC 155/155L Computer Science I	Major	4
MATH 121 Survey of Calculus	Major+SGR5	4
SPCM 101 Fundamentals of Speech	SGR2	3
A&S 100 First Year Experience		1

SGR/Major  
Requirement Cr Hrs

**Semester Credit Hours:** 15

**Second Year - 1st Semester**

CSC 350 Algorithms & Data Structures	Major	4
MATH 216 Discrete Structures	Major	3
Foreign Language	SGR4+BA	3
Natural Science	SGR6	4
Advanced Composition	SGR1	3

**Semester Credit Hours:** 17

**Third Year - 1st Semester**

CSC Electives	Major	6
Additional Social Science/Humanities	BA	3
Minor	BA	6

**Semester Credit Hours:** 15

**Fourth Year - 1st Semester**

CSC Electives	Major	6
Minor	BA	6

**Semester Credit Hours:** 12

**Year / Semester**

SGR/Major  
Requirement Cr Hrs

**First Year - 2nd Semester**

ENGL 210 Introduction to Literature	BA	3
CSC 255/255L Computer Science II	Major	4
Social Science	SGR3	3
Fine Arts	SGR4	3
Elective		3

**Semester Credit Hours:** 16

**Second Year - 2nd Semester**

CSC 324/324L Machine Organization	Major	4
Social Science	SGR3	3
Foreign Language	BA	3
Natural Science	SGR6	4
CSC Elective	Major	3

**Semester Credit Hours:** 17

**Third Year - 2nd Semester**

CSC electives	Major	6
Additional Social Science/Humanities	BA	3
Elective		3
Minor	BA	3

**Semester Credit Hours:** 15

**Fourth Year - 2nd Semester**

CSC 480 Capstone: Software Engineering	Major	3
CSC Electives	Major	3
Minor	BA	3
Elective		4

**Semester Credit Hours:** 13

**Total Major Requirements** 120

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 492, CSC 494