UNIVERSITY OF **SOUTH DAKOTA**

FINISH IN **FOUR**

[2020-2021 Academic Catalog]

Year / Semester	SGR/Major Requirement	Cr Hrs	Year / Semester	SGR/Major Requirement	Cr Hrs
First Year - 1st Semester			**First Year - 2nd Semester**		
CSC 155/155L Computer Science I	Major	4	CSC 255/255L Computer Science I	Major	4
ENGL 101 Composition I	SGR 1	3	ENGL 210 Introduction to Literature	BS	3
MATH 123 Calculus I	SGR 5 + M	5	MATH 125/125L Calculus II	Major + BS	5
SPCM 101 Fundementals of Speech	SGR 2	3	Fine Arts	SGR 4	3
A&S 100 First Year Experience		1			
	Semester Credit Hours:	16		Semester Credit Hours:	15
Second Year - 1st Semester			**Second Year - 2nd Semester**		
CSC 350 Algorithms & Data Structures	Major	4	CSC 324/324L Machine Organization	Major	4
MATH 216 Discrete Structures	Major + BS	3	Humanities	SGR 4	3
Advanced Comp	SGR 1	3	Social Science	SGR 3	3
Science course from list BIOL 151/L, BIOL 153/L, CHEM 112/L, CHEM 114/L, ESCI 101/L, ESCI 103/L, PHYS 211/L, or PHYS 213/L.	SGR 6 + M	4	Natural Science	SGR 6	4
Social Science	SGR 3	3			
		17		Semester Credit Hours:	14
Third Year - 1st Semester			**Third Year - 2nd Semester**		
CSC 456 Operating Systems	Major	3	CSC 453 Theory & System Fundamentals	Major	3
CSC 408 Social/Ethical/Legal Aspect	Major	1	CSC Electives	Major	7
Math 281 or 481 Statistics Course	Major + BS	3	Natural Science Elective	BS	3
Natural Science Elective	BS	3	Additional Social Science or Humanities	BS	3
Additional Social Science or Humanities	BS	3			
	Semester Credit Hours:	13		Semester Credit Hours:	16
Fourth Year - 1st Semester			**Fourth Year - 2nd Semester**		
CSC 380 Information Retrieval & Analysis	Major	3	CSC 462 Computer Networks & Security	Major	3
CSC Electives	Major	3	CSC 480 Capstone: Software Engineering	Major	3
Math elective	BS	3	Elective		8
Elective		6			
	Semester Credit Hours:	15		Semester Credit Hours:	14
				Total Major Requirements	**120**

CSC Electives: CSC 301, CSC 302, CSC 401, CSC 411, CSC 424, CSC 425, CSC 433, CSC 435, CSC 447, CSC 461, CSC 471, CSC 472, CSC 475, CSC 481, CSC 492, CSC 494