## **BACHELOR OF ARTS**

## **Computer Science Major Courses 2019-2021**

10 courses; 24 credits must be from SU

Course #	Course name	Grade	Credit	
CSC54-184	Computer Science I			
CSC54-284	Computer Science II			
CSC54-384	Discrete Mathematics			
CSC54-394	Computer Organization			
CSC54-454	Algorithms			
CSC54-474	Programming Languages			
CSC54-644	Computer Systems			
CSC54-894	Senior Seminar in Software Engineering			
Major Field Test				
Select two add	ditional approved upper level CSC courses:			
CSC54-XX4				
CSC54-XX4				
Required Supporting Courses:				
Take one of th	e following:			
MAT52-154	Calculus I			
MAT52-164	Applied Multivariable Calculus I			
Take the follo	wing course:	•	-	
MAT52-674	Linear Algebra			

One course from Required Supporting Courses may be used in the E&B.

## **General Education Requirements**

At least 30 total credits required; minimum 3 credits per requirement.

	<b>General Education - Part I</b>		<u>Genera</u>	l Education - Part II: Exploration & Breadth	<u>1 (6 total cours</u>	<u>ses)</u>	
Take one of th	e following first semester seminars:		CSC	54-XXX courses cannot be used to satisfy E&E	3 requirements.		
UST05-014	First Year Seminar						
UST05-214	Advanced Entry Seminar		Select one course from each of the four following areas:				
			Humanities:				
Foreign Lang	uage (three semesters of the same language)						
			Natural Science	rs:		_	
			Social Sciences.	•	I		
Social Justice Course (may double count with any requirement):			Fine Arts:				
Two Fitness/R	Pecreational Activity courses (must be different to	pics):	science, you ma	ove. EX: If you took PSY33-104 Principles of Pay not select another PSY33-XXX course to apple ag, College Writing and Creative Writing course	y in this section	n.	
			r done opeakn	g, conege writing and creative writing course	inay not cour	it iii ECD.	
		Graduation Re	equirements:				
Minimum of 1	27 credits:		Minor (optiona	<u>ıl):</u>			
Cumulative GPA > 2.0			Minimum 18 credits				
GPA > 2.0 for Major and/or Areas of Concentration			Minimum of 12 credits taken at Southwestern				
All grades C- or higher in major/minor/core?			Minimum 2.0 m	ninor courses CGPA		_	
	edits completed at Southwestern						
No more than 56 credits of any 5 digit prefix			Other:				
Major credits completed (min 30 required)			Degree Audit Completed (Due one year before grad date)				
60% of Major courses completed at Southwestern (24cr)			Grad Application Submitted (Due start of final semester)				
Gen Ed has minimum of 30 credits			Approved to be part time in last semester?				