

**CURRICULUM COMPLETION SUMMARY**

**Bachelor of Science in Computer Science and Software Engineering  
Requirements (180 credits)**

**CSS Admission Requirements (32-35 credits required)**  
English Composition, Second Composition Course or Intro. to Technical Writing, Calculus I, Calculus II  
Programming I, Programming II, Statistics

**CSS Core (50 credits required)**

CSS 301	( 5 )		Technical Writing for Computing Professionals
CSS 342	( 5 )		Data Structures and Algorithms I
CSS 343	( 5 )		Data Structures and Algorithms II
CSS 350	( 5 )		Management Principles for Computing Professionals
CSS 360	( 5 )		Software Engineering
CSS 370	( 5 )		Analysis and Design
CSS 422	( 5 )		Hardware and Computer Organization
CSS 430	( 5 )		Operating Systems
CSS 497*	(10)		Capstone

**CSS Electives (25 credits required)**

All CSS electives must be at the 200-400 level. Of these 25 credits:  
 • 15 credits must be at the 400 level  
 • Maximum of 10 credits combined of 397/498/499  
 • Maximum of 10 credits combined of 490 (Special Topics)

CSS _____	( )	_____	CSS _____	( )	_____	CSS _____	( )	_____
CSS _____	( )	_____	CSS _____	( )	_____	CSS _____	( )	_____
CSS _____	( )	_____	CSS _____	( )	_____	CSS _____	( )	_____

**300-400 Level Electives (15 credits required)**

_____	( )	_____	_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____	_____	( )	_____

**Areas of Knowledge (30 credits required)**

Visual, Literary, and Performing Arts (VLPA) 15 credits			Individuals and Societies (I&S) 15 credits		
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____

**Diversity (3 credits required):** \_\_\_\_\_

**Free Electives  
(To bring total credits to 180 for graduation)**

\*Students cannot register for Capstone credits until they complete all of the CSS core requirements (excluding 497) and 10 credits of their CSS elective classes.

The Bachelor of Science in Computer Science and Software Engineering (BSCSSE) requirements set forth in this curriculum apply to students entering the BSCSSE Program Autumn Quarter 2012 and thereafter until superseded by a future revision.