Weber State University Co	ompute	er Science Stackable Credential	S
Step 1: High School Concurrent Enro	ollment Pro	gramming Essentials Certificate of Proficiency	
Course Name and Number			Credits
CS 1030 - Foundations of Computer Science			4
CS 1400 - Fundamentals of Programming			4
CS 1410 - Object-Oriented Programming			4
CS 2420 - Introduction to Data Structures and Algorithm	ms		4
		Total	16
Step 2: Weber State Universit	y Associate	of Science Degree in Computer Science	
Required Computer Science Courses	Credits	Required Computer Science Courses	Credits
CS 2130 - Computational Structures	4	ENGL 2010 EN - Intermediate College Writing	3
CS 2350 - Web Development	4	PHYS 2210 PS - Physics for Scientists and	5
		Engineers I	
CS 2450 - Software Engineering I	4	COMM 2110 HU - Interpersonal and Small Group	3
		Communication	
CS 2705 - Network Fundamentals and Design	4	MATH 1210 - Calculus I	4
CS 2550 - Introduction to Database Design and SQL	4	MATH 1040 QL - Introduction to Statistics	
		OR	3
		MATH 3410 - Probability and Statistics	
CS 2810 - Computer Architecture/Organization	4	ENGL 3100 - Professional and Technical Writing	
		NET 3250 - Business Communication	
		ENGL 2250 CA - Creative Writing	3
		PHIL 1250 HU - Critical Thinking	
		(choose one)	
CS 2899 - Associate Degree Assessment	0		
Total	24	Total	21-24
		of Science Degree in Computer Science	
Required Computer Science Courses (24 hours)	Credits	Required Support Courses (10-12 hours)	Credits
CC 2400 On a matter C 1			
CS 3100 - Operating Systems	4		
CS 3230 - Object Oriented User Interface	4	ENGL 3100 - Professional and Technical Writing	
CS 3230 - Object Oriented User Interface Development with Java	4	NET 3250 - Business Communication	
CS 3230 - Object Oriented User Interface Development with Java  OR	4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing	3
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application		NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking	3
CS 3230 - Object Oriented User Interface Development with Java  OR		NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one)	3
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development	4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR	
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development  CS 3550 - Advanced Database Programming	4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one)	3
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development	4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR MATH 1220 - Calculus II	4
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development  CS 3550 - Advanced Database Programming	4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR MATH 1220 - Calculus II  MATH 2210 - Calculus III	
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development  CS 3550 - Advanced Database Programming CS 3750 - Software Engineering II	4 4 4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR MATH 1220 - Calculus II  MATH 2210 - Calculus III OR	4
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development  CS 3550 - Advanced Database Programming CS 3750 - Software Engineering II  CS 4110 - Concepts of Formal Languages and	4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR MATH 1220 - Calculus II  MATH 2210 - Calculus III OR PHYS 2200 - Physics for Scientists and Engineers II	4
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development  CS 3550 - Advanced Database Programming CS 3750 - Software Engineering II  CS 4110 - Concepts of Formal Languages and Algorithms for Computing	4 4 4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR  MATH 1220 - Calculus II  MATH 2210 - Calculus III OR  PHYS 2200 - Physics for Scientists and Engineers II OR	4
CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development  CS 3550 - Advanced Database Programming CS 3750 - Software Engineering II  CS 4110 - Concepts of Formal Languages and Algorithms for Computing CS 4790NET Web Application Development	4 4 4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR  MATH 1220 - Calculus II  MATH 2210 - Calculus III OR  PHYS 2200 - Physics for Scientists and Engineers II OR  PHYS 2300 - Scientific Computing for Physical	4
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CS 3230 - Object Oriented User Interface Development with Java  OR  CS 3280 - Object Oriented Windows Application Development  CS 3550 - Advanced Database Programming  CS 3750 - Software Engineering II  CS 4110 - Concepts of Formal Languages and Algorithms for Computing  CS 4790NET Web Application Development  CS 4230 - Java Application Development  CS 4350 - Advanced Internet Programming  CS 4450 - Advanced Software Engineering Methods	4 4 4	NET 3250 - Business Communication ENGL 2250 CA - Creative Writing PHIL 1250 HU - Critical Thinking (choose one) OR  MATH 1220 - Calculus II  MATH 2210 - Calculus III OR  PHYS 2200 - Physics for Scientists and Engineers II OR  PHYS 2300 - Scientific Computing for Physical Systems MATH 2270 - Elementary Linear Algebra MATH 3160 - Number Theory	4 4 5
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