Computer Science (Junior-Ready) Transfer Guide, updated on 3/15/22														
Source: WACSE Council														
Course Topics	**CS MRP Suggestion (AS02 based - Draft)**	**CWU (Megan McConnell)**	**EWU (Esteban Rodriguez-Marek)**	**PLU (Laurie Murphy)**	**Saint Martin's Univ(Radana Dvorak)**	**SeattlePacificU (Carlos Arias)**	**SeattleU (Eric Larson)**	**UW-Bot (Johnny Lin)**	**UW-Sea (Chloe Dolese-Mandeville)**	**UW-Tac (Megan Reardon)**	**WSU-Ev: Soft. Engr. (Beilong Zeng)**	**WSU-Pul (Sakire Arslan)**	**WSU-Van (Scott Wallace)**	**WWU (Perry Fizzano)**
Computer Science * CS Introduction * CS-Programming I * CS-Programming II * CS-Discrete Structure * CS-Data Structure * CS-Advanced Data Structure * CS-Programming Tools	10-30 Credits	* CS 110 * CS 111 * CS 301 * CS 302	* CSCD 110 * CSCD 210 * CSCD 211 * CSCD 212 * CSCD 202 * CSCD 240	* Intro to Computer Science (CSCI 144) - Java * Data Structures (CSCI 270) - Java * Discrete Math (MATH 345)	* CSC 101-Introduction to Computer Science * CSC 180-Introduction to Programing * CSC 210 -Database Fundamentals (nice to have)	* Grade of 2.5 or better out of 4 in 2 quarters (or 1 semester) of Object Oriented Programming.	* CPSC 1430 * CPSC 1430	* CSS 143-Java * CSS 143-Java	* CSE143-Java * CSE 143-Java	* CSE142-Java * CSE 143-Java	* Cpts 121 (C/C++) or Cpts 131 (Java) * Math 216 (Discrete Math)[1] * Cpts 122 (C/C++) or Cpts 132 (Java) * Cpts223(C/C++) or Cpts233(Java) [1]	* Cpts 121 (C/C++) or Cpts 131 (Java) * Math 216 (Discrete Math) * Cpts 122 (C/C++) or Cpts 132 (Java) * Cpts223(C/C++) or Cpts233(Java) [1]	* CS 121 * CS 166 * CS 122 * CS 223 * CS 224	*CSCI 141 *CSCI 145 *CSCI 241
Computer Engineering * Digital Logic * Computer Org/Design	0-10 Credits		*CSCD 260	* Computer Organization (CSCI 302)							* Cpt_S 260[2]	* Cpts 260[2] * Cpts 261[2]	* CS 260 * CS 261	
Math - Calculus * Calc I, II, III, IV * Linear Algebra * Diff Eq * Statistics	15- 25 Credits		* Cal I, II	* Calc I * Statistics * Linear Algebra (required for BS only)	* Math 171 (Calc I) * Math 291 (Statistics)	* Calc I, II, III * Linear Algebra	* Calc I, II, III	* Calc I, II * Statistics	* Calc I, II, III * Linear Algebra	* Calc I, II * Calc III /V * Linear Algebra	* Calc I, II, III * Linear Algebra * 2 of Calc IV, Math 146, Phil&120	* Calc I, II, III "MATH 171, 172" * Calc IV, Linear Algebra	* Calc I, II, III, IV * Linear Algebra	* Calc I,II * linear Algebra
Science * Physics Calc-Based I, II, III * General Chemistry I,II * General Biology w/Lab	15-23 Credits	One of the following major's sequences: * BIOL 171/172/270 * CHEM 171/171L/172/172L * GEOL 120/121 * PHYS 151/152/160/162	* any 2 course lab-science sequence (Biology, Chemistry, Geology, Physics) (required for BS only)	* Minimum of 3 semster credits science with Lab	* PHYS I, II, III (Recommend but accept 2q of any science w/lab + another sicnece w/lab)	* PHYS I * 2 lab science major's courses from the following: PHYS II, PHYS III, CHEM I, CHEM II, BIOL I, BIOL II	* PHYS I * 2 lab science major's courses from the following: PHYS II, PHYS III, CHEM I, CHEM II, BIOL I, BIOL II		*One of: Phys I, General Chem I, or General Biology with Lab *Five additional credits of natural science from the approved list[3]	* Lab Science (5 Credits,lab science excep Astronomy)) * Additional Lab Science (5 Credits)[3] * Additional Lab Science or upper division math (5 Credits)[3]	* PHYS I, II or CHEM I, II (both w/Labs) * BIOL w/Lab [4]	* PHYS I, II * PHYS III [4] * But w/Lab[4]	* PHYS I, II, III * BIOL w/Lab	*any year-long science sequence that requires calculus (Physics or Chemistry or Geology)
Enlgish * Composition I * Composition II * Technical Writing	5-15 Credits	* Composition I (Engl 101) * Composition II (Engl 201)	AST would satisfy this requirement.	AST would satisfy this requirement.	AST would satisfy this requirement.	* Composition	* Composition * Advanced Composition	*English Composition (5 credits) * UW approved writing courses and/or additional composition or tech. writing (10 credits)[1]	* Composition (5 credits) * Technical Writing or Additional Composition (5 credits)[4]	* Composition (satisfied by AST/DTA if ENGL 101/105 taken as WRTG) * Technical Writing[1] (must take specific course approved by WSU)	AST would satisfy this requirement.	AST would satisfy this requirement.	AST would satisfy this requirement.
Humanities & Social Science	15-30 Credits			AR (1 course from Art/Music/Theatre), LT (1 course - Literature), PH (1 course - Philosophy), SO (Social Science - 2 courses from 2 disciplines - Anth, Econ, Hist, Pols, Psyc, Soci)		AST would satisfy this requirement.	* Social Science (5 Credits) * Humanities (5 Credits) * Creative Exp. (5 Credit)	AST would satisfy this requirement.	[1] * 20 credits Individuals & Societies (I&S) * 20 credits Visual Literary & Performing Arts (VLPA) * 3 credits UW Diversity Requirement (may overlap with Areas of Knowledge)	* Social Science/I&S (10 Credits) * Humanities/VLP (10 Credits) * Diversity Requirements (3 Credits, may overlap with Area of Knowledge)	* ECON 101/102 (satisfied by AST or DTA) * RDGT: HST 105/205 * DIVR: (satisfied by DTA)	AST would satisfy this requirement.	AST would satisfy this requirement.	AST would satisfy this requirement.
Total:	**90-118**													
School Specific Notes:			* Must Pass Advanced Java Programming Test.	* 1-2 PE courses (Two only if equivalent to PLU's PHED 100 available at CC) * Computer Organization (CSCI 302) (required for BS only)	1. If a DAT student completes all science requirements (two science courses with labs), and another upper level math course, then their credit hours are reduced each semester. 2. Students can take summer courses online or in the classroom; many electives and a selection of core courses are offered.	* The introductory programming language at SPU is C++. The CSC program has a C++ transition class (CSC 2182) for transfer students who took two quarters (or 1 semester) of programming in a different object-oriented language (e.g., two quarters of Java).	*We teach in C++ but it's OK if the courses are taught in C++, Java, or similar OO language. *Students need to start in the fall in order to finish in two years (six quarters)	* While CSU & 2 courses use Java, transfer students do not need to have had Java for their CS1 and CS2 courses. Any language is permitted as long as the same language was used for both courses. * Applicants must also have: - Minimum cumulative transfer GPA of 2.0. - Completion of CADR or core subject requirements.	*3 college quarters or 3 years of High School Foreign language. *Bolded courses are required prerequisites (to be completed by time of entry) *See degree requirements here: https://www.cs.washington.edu/academics/ugrad/current-students/degree * 50% to direct freshman acceptance, 20% to transfer students, 30% native students.	Info above is for B.S. degree. B.A. option available. See degree req sheets. B.S. in CSS: http://www.tacoma.uw.edu/sites/default/files/sections/SET/CSS_Grid_2018.pdf B.A. in CSS: http://www.tacoma.uw.edu/sites/default/files/sections/SET/CSS_BA_Grid_2018.pdf UWT foreign language req is 2 years in one language in high school or through 2nd quarter in college.	*Transfer to WSU SE typically need 2.5y to complete the degree assuming completion of pre-reqs. * term: semesters * Accepts both C & Java/C# Languagest	* term: semesters	* C & Java Lanuages	* CS 301 (Discrete math, + Formal languages +, functional programming[2] * CSCI 247 (Systems programming in C)[2]
General Note:	[1] Junior-Ready status means the student has sufficient courses to complete CS Bachelor deeree within 2 academic years at the 4-year institution. [2] Credits refers to quarter credits unless specified otherwise and all courses are assumed 5 credits unless specified otherwise													