

# Washington State University Vancouver School of Engineering and Computer Science

## BS in Computer Science

Schedule Effective: Fall 2009

# Computer Science Four-Year Plan

Freshman		Sophomore		Junior		Senior	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Calculus I Math 171 [N] <b>C</b>	Calculus II Math 172 <b>C</b>	Calculus III Math 273	Lin Algebra Math 220	Automata CS 317	Prog Lang Design CS 355	Social & Prof Issues in Cpt S CS 402* [M]	Software Engr. In Practice CS 420* [M]
	Discrete Math CS 216 <b>C</b>	Physics (Engr) [P] Phys 201 <b>C</b>	Physics (Engr) [P] Phys 202	Fund. of Software Engr. CS 320 [M]	Systems Programming CS 360	Design/Analysis of Algorithms CS 450*	CS Option Course 5
Prog. Design & Develop. CS 121 <b>C</b>	Data Structures CS 122 <b>C</b>	Computer Organization CS 260	Prog. Tools CS 224	CS Option Course 1	Intr. Database Systems CS 351	CS Option Course 3	CS Option Course 6
		Adv Data Structures CS 223 <b>C</b>	C and Assembly Lang Prog CS 261	Statistics Stat 360	CS Option Course 2	CS Option Course 4	CS Option Course 7
GER [H] Phil 201 <b>C</b>	GER [W] Intro Writing Engl 101			<i>Complete Writing Portfolio (No credit)</i>			
GER [A] GenEd 110	GER [A] GenEd 111	GER [S] EconS 101 or 102	GER [B] Biological Science w/Lab	GER [W] Tech Writing Engl 402	GER [I], [G], [K] Intercultural	GER [S] + [D] Soc. Sci/Diversity	GER Tier III [T] [D] Capstone Hum./SS
14	17	15	15	15	16	15	15

Credits

1
2
3

**C = Req'd for certification. All CS courses and prerequisites must be "C" grade or better!**

**Option Courses:** Twenty One semester hours of option area courses are required. The option courses are chosen from upper-division computer science and related courses and must be approved by a faculty advisor.

Shaded courses are required to enter junior year!

\*Requires certification as an BSCS major.