

# The BACS Program at WSU Tri-Cities (for non-transfer students)

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
<b>CptS 121</b> Prg Dsgn & Dev 4	<b>CptS 122</b> Data Struct 4	<b>CptS 223</b> Adv Data Struct 3	UCORE [SSCI] 3	CptS 224 Prog Tools 2	CptS 322 SW Eng Prin I [M] 3	CptS 422 SW Eng Prin II [M] 3	Advanced CptS Elective 4 3
<b>Math 201</b> Math for Bus./Ec. 3	<b>Math 202</b> Calc. for Bus./Ec. [QUAN] 3	CptS 260 Intro Comp Arch 3	Lab Science Elective 2 [BSCI/PSCI] 4	CptS 302 Prof. Skills Cmp. & Engr. 3	CptS 323 SW Dsgn & Cnst (for 6th Elective) 3	Advanced CptS Elective 2 3	Advanced CptS Elective 5 3
UCORE [HUM/DIVR/ARTS] 3	<b>Math 216</b> Discr Structures 3	Math Elective 3	<b>Math 212</b> Intro Stat Meth 4	Lab Science Elective 3 4	CptS 355 Prog Lang Dsgn 3	Advanced CptS Elective 3 3	Minor (sugg.) Elective 6 3
Engl 101 Intro Writing [WRTG] 3	<b>Phil 201</b> Elem Logic 3	Lab Science Elective 1 [PSCI/BSCI] 4	Minor (sugg.) Elective 2 3	Minor (sugg.) Elective 3 3	Advanced CptS Elective 1 3	Minor (sugg.) Elective 5 3	UCORE [CAPS] 3
Hist 105 [ROOT] 3	UCORE [DIVR/ARTS/HUM] 3	Minor (sugg.) Elective 1 3	Science Elective 3	Minor (sugg.) Elective 4 3	Engl 402 or 403 Tech & Prof Writ [COMM/WRTG] 3	UCORE [ARTS/HUM/DIVR] 3	

**bold** -- required for certification

also:  
complete writing  
portfolio

### Requirements on Advanced CptS Electives

- > 5 courses selected from an [approved published list of electives](#)
- > These courses are chosen from 3 separate Computer Science areas
- > A minimum of 2 courses for the 5 electives are selected from CptS 427, CptS 440, CptS 442, CptS 460, CptS 471, CptS 481