

**Computer Science Major Requirements (B.S. - Computer Science)**  
**Guidance Sheet for Students Entering the Major Fall 2012 or Later**

Name \_\_\_\_\_ WCU ID \_\_\_\_\_ Date Enrolled in Major \_\_\_\_\_

	(Updated 08/25/2010)	Semester	Credits	Prefix	Number	Grade	
<b>Cognate Requirements</b> 10 Credits	<b>Mathematics</b> 7 Credits	if needed	3	MAT	110		
			4	MAT	161		
		gen ed	3	MAT	151		
			3	MAT	121		
	<b>Communication Skills</b> 3 credits	gen ed	3	SPK 199/208/230			
		W emph.	3	ENG 368/371			
<b>Additional Math/Science Requirements</b> 11 credits	<b>Cannot use for both gen ed and major. Need at least 1 lab course for science majors toward gen ed or major *</b>		3-4	MAT122/162			
<b>Major Requirements</b> 48 credits	<b>Classroom Core</b> 27 Credits		3	CSC	141		
			3	CSC	142		
			3	CSC	240		
			3	CSC	241		
			3	CSC	242		
			3	CSC	220		
			3	CSC	301		
			3	CSC	345		
			3	CSC	402		
	<b>Complex Large-Scale Systems: 3 credits</b>		3	One of:			
				CSC416,417,496			
		<b>Computer Science 300 and 400 level Electives</b> 18 credits At least 3 must be 400-level courses **		3	CSC		
				3	CSC		
				3	CSC		
	3		CSC				
<b>Free Elective</b> 3 credits	<b>To Attain 120 credits For Graduation</b>		3				

\* Introductory Lab Courses For Science Majors: BIO110, CHE103, ESS101, PHY130, PHY170  
 Computer Security Certificate Listed at [www.cs.wcupa.edu](http://www.cs.wcupa.edu)

**MINIMUM GRADES TO ENTER MAJOR AND TO GRADUATE:**

**C- in CSC, MAT, and other cognate courses, 2.5 CSC GPA, 2.0 MAT GPA**

**Entering majors must have completed CSC141-142 and two of MAT121,151,161**

**Prototype Schedule**

**Year 1: CSC141~CSC142 Year 2: CSC240~CSC241 Year 3: CSC342~CSC301, CSC345~CSC402**

**MAT GPA >589: Year 1: MAT161~MAT162 Year 2: MAT151~CSC220 Year 3: MAT121**

**MAT GPA <590: Year 1: MAT110~MAT161 Year 2: MAT151~CSC220 Year 3: MAT121~MAT122**

\*\* 3 credits of the 6-credit internship CSC400 can be used here