

## Guideline for Majors at Nearby 4 Year Institutions

<b>Major: <i>COMPUTER SCIENCE</i></b>
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Riverside Community College  
Counseling Department  
2011-2012

Date: 10/11

**NOTE: This Articulation Agreement is subject to periodic revision. Please consult the ASSIST website, [www.assist.org](http://www.assist.org), for up-to-date information.**

College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks
<b>CSU FULLERTON</b> 2011-2013	MATH 150AB	4,4	MAT 1A,1B	4,4	
	CPSC 121,131	3,3	CIS/CSC 17A,17C	3,3	
	CPSC 120,240	3,3	CIS/CSC 5,11	3,3	
	CPSC 223J	3	CIS/CSC 18A,B or C	3	
<u>Scientific Computing Track additional requirements:</u>					
	MATH 250A, 250B	4,4	MAT 1C,2,3	4,4,3	
	PHYS 225,226 or	4,4	PHY 4AB or	4,4	
	CHEM 120A,125 or	5,3	CHE 1A,1B or	5,5	
	GEOL 101,201	4,4	GEO 1/1L & 1B	4,4	
	BIOL 101	4	BIO 1	4	
<b>CAL POLY POMONA</b> 2011-2012	CS 264,256	4,4	CIS/CSC 11,17B	3,3	
	BIO 110/L	4	BIO 1	4	
	MAT 114,115,116	4,4,4	MAT 1A,1B	4,4	
	MAT 214,208	4,4	MAT 1C,3	4,3	
	PHY 131,132,133	4,4,4	PHY 4A,4B,4C	4,4,4	
	CS 140/141 or 240	4-8	CIS/CSC 17A + 18C or 18A,18C	3,3	
<b>CSU SAN BERNARDINO</b> 2011-2012	Lab Science	4-5	Bio/Che/Geo/Phy	4-5	
	MATH 211,212,213	4,4,4	MAT 1A,1B	4,4	
	CSE 201,202	4,4	CIS/CSC 17A,17C	3,3	
	PHYS 221-223	5,5,5	PHY 4ABC	12	
	BIOL 100 or 200	5	BIO 1 or 11	4-5	
	MATH 272	4	MAT 6 or CSC 6	3	
<b>CSU LONG BEACH</b> 2011-2012	MATH 122,123	4,4	MAT 1A,1B	4,4	Impacted
	PHYS 151,152	4,4	PHY 4A,4B	4,4	
	CHEM 111A,111B	55	CHE 1A,1B	5,5	
	MATH 224 or 247	3-4	MAT 1C or 3	3-4	
	Add. units	2-4	AMY 2A; BIO 1,7	4	

College or University	Transfer Requirements	Units	RCC Equivalent	Units	Remarks
<b>SAN DIEGO ST. UNIVERSITY</b> 2010-2011	MATH 150,151	5,4	MAT 1A,1B	4,4	
	MATH 254	3	MAT 3	3	
	STAT 250	3	MAT 12 or 12H	3	
	PHYS 195/L,196/L OR	8	PHY 4A,4B OR	4,4	
	CHEM 200,201 OR	5,5	CHE 1A or 1AH, 1B or 1BH or	5,5	
BIOL 201A,201B	4,4	BIO 11,12	5,5		
<b>UC RIVERSIDE</b> 2011-2012	+MATH 9ABC	4,4,4	+MAT 1A,1B	4,4	<i>-IGETC not accepted. Use Coll. of Engineering gen. ed. reqt's</i>
	+CS 10	4	+CSC/CIS 17A,17B or 5	3	
	MATH 10A,46	4,4	MAT 1C,2	4,4	
	PHYS 40ABC	4,4,4	PHY 4A,4B,4C	4,4,4	
	CS 61,11	4,4	CSC/CSI 11,6	3,3	<i>-Prioritize major reqt's. over gen. educ.</i>
	BIOL 2 or 5A/L	4	BIO 1,11 or 17	4-5	
CS 14	4	CSC/CIS 17C + 18A	3,3		
<b>+NOTE:</b> Students need to complete Math 1AB and either CIS 5, 17A or 17B prior to transfer.					

### **THE MAJOR:**

The computer is being used in nearly every walk of life. Few industries can be found which do not use computers either directly or indirectly. A computer professional must be prepared to deal with the design and implementation of computer systems. Training in computer science varies among basic systems. The current demand for graduates is very high, and the job outlook should remain positive through the next decade.

### **CAREER FIELDS:**

Business Programmer	Scientific Programmer
Computer Operator	Systems Analyst
Computer Programmer	Teacher
Consultant Engineer	Technician
Information Systems Programmer	
Process Control Programmer	

*For further information on career options, please visit the Career Center.*