


**Chapman University College**  
**Articulation and Transfer Guide**  
**BS Computer Information Systems**  
**San Diego City College**  
**2008-2009**

The CIS program is offered at the following Chapman University College locations: Antelope Valley, Bangor (WA) Edwards AFB, Irvine, Moreno Valley, Ontario, Roseville, Travis AFB, Walnut Creek and Whidbey Island (WA).

This guide includes lower division courses students can complete prior to transfer that satisfy requirements in the major and prepare them for upper division level study at Chapman University College. Lower division courses accepted to satisfy an upper division course requirement are not counted towards upper division credit totals. Students may need complete additional upper division credit to meet degree minimums.

**All courses must be passed with a grade equivalent of "C" or higher. Courses may be used to fulfill both major and general education requirements.**

Chapman University College BS CIS Course Requirements	San Diego City College Courses
<b>Lower Division Core Requirements (21 credits)</b>	
MATU 104 Pre-Calculus Math	MATH 116 or 141
MATU 203 Introduction to Statistics	MATH 119
MATU 250 Discrete Mathematics I	MATH 245
ORGU 202 Accounting	ACCT 116A or 116B
CSCU 210 Intro to Programming – Visual Basic	CISC 186
CSCU 230 Computer Programming I	CISC 189A + 189B or CISC 190
CSCU 252 Computer Architecture I	No comparable course
<b>Upper Division Requirements (21 credits)</b>	
ORGU 308 Economics and Organizations	ECON 120 and 121
CSCU 353 Data Communications and Computer Networks	Complete at Chapman
CSCU 380 Operating Systems	
CSCU 408 Database Management	
CSCU 410 Structure Systems Analysis and Design	
CSCU 411 Software Engineering (capstone)	
OLCU 350 Leadership and Professional Ethics	
<b>Electives (12 credits)</b>	
One upper division CSCU course plus	Courses must be upper division

<p>three other upper division courses from CSCU, ORGU or OLCU 315 -or- Obtain one of the following certifications plus one upper division CSCU course: Network Administrator Certificate (CCNP, MCSE) Database Administrator Certificate (Oracle DBA, MCDBA)</p>	<p>level.  Students may submit documents showing current certification for one of the approved industry certificates to satisfy nine upper division electives in the major.</p>
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