



Chapman University College
Articulation and Transfer Guide
BS Computer Information Systems
College of the Canyons
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 | College of the Canyons Courses |
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| Lower Division Core Requirements (21 credits) | |
| MATU 104 Pre-Calculus Math | MATH 103 or 104 |
| MATU 203 Introduction to Statistics | MATH 140 |
| MATU 250 Discrete Mathematics I | No comparable course |
| ORGU 202 Accounting | BUS 201 or 202 |
| CSCU 210 Intro to Programming – Visual Basic | CMPSCI 132 |
| CSCU 230 Computer Programming I | CMPSCI 111 + 111L <u>or</u> CMPSCI 236 |
| CSCU 252 Computer Architecture I | CMPSCI 222 |
| Upper Division Requirements (21 credits) | |
| ORGU 308 Economics and Organizations | ECON 201 and 202 |
| 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 | |
| Electives (12 credits) | |

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| <p>One upper division CSCU course plus three other upper division courses from CSCU, ORGU or OLCU 315</p> <p>-or-</p> <p>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>Upper division credit only</p> <p>Students may submit documents showing current certification for one of the approved industry certificates to satisfy nine upper division elective credits in the major.</p> |
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