

## ORANGE COAST COLLEGE TRANSFER CURRICULUM GUIDE

## COMPUTER SCIENCE

## LOWER DIVISION MAJOR REQUIREMENTS FOR TRANSFER

The following courses should be taken at OCC prior to transfer. Courses not offered at OCC will need to be taken after transfer. Four-year colleges and universities often make changes in their requirements for majors. The information contained in this guide is based on the most recent information available from the four-year school and does not constitute an official agreement. Recent updates to this Guide can be found on the Transfer Center website at: [www.occ.cccd.edu/departments/studentsvcs/transferctr](http://www.occ.cccd.edu/departments/studentsvcs/transferctr)

At this time, please refer to [www.assist.org](http://www.assist.org) for the current major preparation articulation between Orange Coast College and University of California and California State University. The updated major sheet guides will be available at the end of fall, 2009.

**CHAPMAN UNIVERSITY****BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Options: Software Engineering, Games Development

**Chapman**

MATH 110 & 111  
 MATH 210  
 MATH 211  
 MATH 250  
 CPSC 230  
 CPSC 231  
 CPSC 236

**OCC**

MATH 180(or 180H) & 185(or 185H)\*  
 MATH 280(or 280H)  
 MATH 235  
 MATH 230  
 Pending  
 Pending  
 Pending

\*MATH 182H is also equivalent to MATH 110 & 111.

Recommended sequence for computer courses needed to prepare for this major:

- 1st term - CS 115 or 140 or 142 or 170 or 270
- 2nd term - CS 150
- 3rd term - CS 116, 250
- 4th term - CS 200

(1/08:A07-08)

**BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS**

See Transfer Curriculum Guide for Business.

**UNIVERSITY OF SOUTHERN CALIFORNIA****BACHELOR OF SCIENCE IN COMPUTER SCIENCE****General Education Requirement:**

Six courses with one from each area:

- I. Cultures and Civilization I\*
- II. Cultures and Civilizations II\*
- III. Scientific Principles\*
- IV. Investigations in Science and Technology\*\*
- V. Studies in Literature\*
- VI. Social Issues\*\*

**Composition Requirement:**

ENGL 100 and 101(or 101H) or 102(or 102H)

**Diversity Requirement:**

See USC GE Agreement for courses which meet this requirement.

**Mathematics Requirement:**

Either MATH 180(or 180H) & 185(or 185H) or 182H, MATH 280(or 280H),

**Physics Requirement+:**

PHYS 185, 280 and 285

+Students majoring in computer science, either BIOL 181(or 181H) & 185 or 181(or 181H) & 182/182L, 183/183L or CHEM 180 & 185, may be substituted.

**Major Requirement:**

MATH 235

(1/09:A06-07)