



## Computer Science and Computer Engineering Transfer Major Advisement

**Note: students are responsible** for the current major requirements. This guide sheet is based upon university course articulation and catalog information at the time of publication, and is subject to change without notice. It is advisable to consult with a counselor once a semester for any changes and review [www.assist.org](http://www.assist.org) for new information.

### CSU FULLERTON

2007-08

#### **B. S. Computer Science**

Required major prep courses must be completed with at least a 2.0 average or better. Students must select one of the five elective tracks aimed at specific career goals – additional requirements may be required. *Please see:* [assist.org](http://assist.org)

#### **Lower-division core courses:**

CS 34, 41, 130

#### **Lower division in related fields:**

BIO 1/1L

MATH 3AB, 30(CS 6A), 31(CS 6B)

One of the following combinations:

CHEM 1AB or GEOL 1, 2 or PHYS 4AB

#### **B.S. Computer Engineering**

Required math and physical science courses must be completed with a "C" or better.

#### **Math/Science foundation courses:**

CS 34, 41, 142

MATH 3AB, 4A, 24, 26, 30(CS 6A)

PHYS 4ABC

### CSU LONG BEACH

2007-08

#### **B.S. Computer Science and B.S. Computer Engineering**

CSU GE Breadth/IGETC certification recommended. Courses meeting written communication, oral communication, critical thinking, mathematics/quantitative reasoning requirements, and all courses listed below, except CS 38, must be completed with a letter grade of "C" or better.

#### **Required lower-division courses:**

CS 37, 38(BS Cmpt Engr requires "C"), 41

MATH 3AB, 4A, 26(BS Cmpt Science only)

PHYS 4AB

*Please see:*

[www.csulb.edu/depts/enrollment/admissions/transfers.html](http://www.csulb.edu/depts/enrollment/admissions/transfers.html) and

[www.csulb.edu/depts/enrollment/admissions/engineering.html](http://www.csulb.edu/depts/enrollment/admissions/engineering.html)

### CSU POMONA

2004-05

Transfer students without background courses listed below may require additional time to finish the program.

#### **Core courses**

CHEM 1A

CS 40A, 41

ET 109

MATH 3B, 4A,

PHYS 4ABC

*Please see:* [www.csupomona.edu/~cs](http://www.csupomona.edu/~cs)

### UC IRVINE

2006-07

#### **B.S. Computer Science**

Completion of major prep preferred over IGETC completion. Preference for admission is given to junior-level applicants with the highest grades overall and satisfactory completion of course prerequisites; students who do not complete lower-division course work may require more than two years to complete their degree. Strongly recommended: knowledge of Java used in most programming-related courses.

#### **Required lower division courses:**

CS 37, 38, 40AB, 41,

MATH 3AB, 26, 30 (CS 6A)

PHIL 3

One course w/lab or sequence required:

BIO 94/94L; CHEM 1AB; PHYS 4AB or 4AC

Continued

For additional information about these and other universities' related disciplines please see:

ASSIST.org → EXPLORING MAJORS → MAJORS

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UC Irvine - continued

### **B.S. Computer Engineering**

Preference for admissions is given to junior-level applicants with the highest grades over all, and satisfactory completion of course prerequisites.

#### **Required lower-division courses:**

CS 36, 37, 38, 40A, 41  
MATH 3AB, 4A, 24, 26, 30 (CS 6A)  
PHYS 4ABC

### **UC LOS ANGELES**

2006-07

### **B.S. Computer Science**

### **B.S. Computer Science and Engineering**

Admission to the Henry Samueli School of Engineering and Applied Science (HSSEAS) is highly competitive. Completion of required preparatory courses and academic performance, with a UC-transferable cumulative GPA of 3.20, is required for consideration. All courses must be taken for a letter grade.

Applicants are not required to complete the HSSEAS GE requirements in order to be admitted, although students should complete 1 course from each of the following areas: arts, humanities, social sciences, and life sciences. Refer to the IGETC course list for GE-applicable courses. *Please see:* [www.engineer.ucla.edu](http://www.engineer.ucla.edu) and [www.admissions.ucla.edu](http://www.admissions.ucla.edu).

#### **Core courses:**

CS 37, 40AB, 41  
CHEM 1A (BS Cmpt Science and Engr only)  
MATH 3AB, 4A, 24, 26, 30(CS 6A), 31(CS 6B)  
PHYS 4ABC  
WR 1, 2

### **UC RIVERSIDE**

2007-08

### **B.S. Computer Science**

### **B.S. Computer Engineering**

IGETC is not accepted for these majors.

*Please see:* [assist.org](http://assist.org) for breadth courses and other admission requirements. Completion of lower division major preparation should take precedence over completion of breadth requirements.

Admission to this major is competitive, requiring a GPA of at least 2.80 in all UC transferable course work; and a GPA of 2.50 in calculus and in at least one additional sequence in chem/physics/2<sup>nd</sup> yr calculus, or biology.

*Please see:*

[www.engr.ucr.edu/studentaffairs/transfers.shtml](http://www.engr.ucr.edu/studentaffairs/transfers.shtml)

### **B.S. Computer Science**

**Required lower division courses** to be completed prior to transfer:

CS 36 or 37; 41  
MATH 3AB  
PHYS 4A

At least **three** of the **required** courses:

CS 6AB (MATH 30, 31); 40A  
MATH 4A  
PHYS 4AC; 4B

**Strongly recommended prior** to transfer, if not completed in "required" above:

BIO 1/1L or 6/6L or 94/94L  
CS 6AB (MATH 30, 31); 40A  
MATH 4A  
PHYS 4AC; 4B

### **B.S. Computer Engineering**

**Required lower division courses** to be completed prior to transfer:

CS 36 or 37; 41  
MATH 3AB  
PHYS 4A

And at least **three** of the **required** courses:

CS 6AB (MATH 30, 31); 40A  
PHYS 4AC; 4B

**Strongly recommended prior** to transfer, if not completed in the "required" section above:

BIO 1/1L or 6/6L or 94/94L  
CS 6AB (MATH 30, 31); 40A  
MATH 4A, 24  
PHYS 4AC: 4B

### **UC SAN DIEGO**

2007-08

### **B.S. Computer Science**

### **B.S. Computer Engineering**

Completion of as many major prep courses as possible prior to transfer is **strongly recommended**. As impacted majors, additional admission and impactation information should be reviewed at [assist.org](http://assist.org); and [www.jacobsschool.ucsd.edu/admissions/admissions\\_tran/steps.shtml](http://www.jacobsschool.ucsd.edu/admissions/admissions_tran/steps.shtml); and [www.jacobsschool.ucsd.edu/admissions/admissions\\_tran/impacted.shtml](http://www.jacobsschool.ucsd.edu/admissions/admissions_tran/impacted.shtml)

#### **Lower-division requirements:**

CS 38, 40AB, 41  
MATH 3AB, 4A, 24, 26, 30(CS 6A), 31(CS 6B)  
PHYS 4ABC

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