ENGLISH & SPEECH (12 hours)
ENGL 101** (3) __________________________
ENGL 102** (3) __________________________
ENGL 462/463 (3) _________________________
SPCH 140 (3) ____________________________

LIBERAL ARTS (9 hours)
HISTORY (3) ______________________________
Fine Arts (3) ______________________________
Social Science (3) _________________________

MATHEMATICS (17 hours)
MATH 141 ** (4) __________________________
(Prereq: qualification through placement or
a grade of C or better in MATH 112 or 115)
MATH 142 ** (4) __________________________
(Prereq: qualification through placement or
a grade of C or better in MATH 141)
MATH 174 (3) ______________________________
(Prereq: qualification through placement or a grade
of C or better in MATH 112 or 115)
MATH 241 (3) ______________________________
(Prereq: qualification through placement or
a grade of C or better in MATH 142)
MATH 242 (3) ______________________________
(Prereq: qualification through placement or
a grade of C or better in MATH 142)

NATURAL SCIENCES (12 hours)
CHEM 111 (4) ______________________________
(Prereq: MATH 111 or 115)
PHYS 211 ** (3) ____________________________
(Prereq: a grade of C or better in MATH 141,
Coreq: PHYS 211L)
PHYS 211 L ** (1) __________________________
(Prereq or Coreq: PHYS 211L or PHYS 301)
PHYS 212 (3) ____________________________
(Prereq: a grade of C or better in PHYS 211 and
MATH 142; Coreq: PHYS 212L)

PHYS 212 L (1) _______________________
(Prereq or coreq: PHYS 212 or PHYS 302)

**MATH ELECTIVE *(3 hours)*

________________________ (3) ____________

STAT 509 (3) __________________________

**ELECTRICAL ENGINEERING**
(15 hours)
ELCT 102 (3) __________________________
(Prereq or coreq: MATH 142)

ELCT 221** (3) __________________________
(Prereq: MATH 142, ELCT 102)

ELCT 222 (3) __________________________
(Prereq: a grade of C or better in ELCT 221,
MATH 242)

ELCT 321 (3) __________________________
(Prereq: ELCT 222)

ELCT 371 (3) __________________________
(Prereq: CSCE 211 & ELCT 222)

*Math Elective: MATH 526, 527, 544, or CSCE 561. Other courses in linear algebra or numerical
analysis may be substituted with permission of the department.
** ALL students must earn a grade of “C” or better in all CSCE courses, ELCT 221, PHYS 211,
PHYS 211L, MATH 141, MATH 142, ENGL 101, and ENGL 102.

**Computer Engineering**

**INSTRUCTIONS:** Students must be admitted to the Upper Division before enrolling in Upper Division (300 or
higher) Computer Science and Engineering courses. This requires completion of all Lower Division (100 and 200
level) Computer Science and Engineering courses, ENGL 101, ENGL 102, and MATH 174, 141, and 142 with
appropriate grades. Enter all grades received. Consult the USC bulletin for course descriptions and regulations.

**COMPUTER SCIENCE & ENGINEERING** (41 Hours)
CSCE 145 (4) __________________________
(Prereq: a grade of C or better in MATH 115 or
placement into MATH 141)

CSCE 146 (4) __________________________
(Prereq: a grade of C or better CSCE 145 & MATH 141 or 174; Coreq: MATH 174)

CSCE 211 (3) __________________________
(Prereq: MATH 141 or MATH 174)

CSCE 212 (3) ______________________
(Prereq: CSCE 145, either CSCE 211 or MATH 174)

CSCE 240 (3) ______________________
(Prereq: a grade of C or higher in CSCE 146)

CSCE 245 (3) ______________________
(Prereq: a grade of C or higher in CSCE 146)

CSCE 311 (3) ______________________
(Prereq: CSCE 212 or 213 & CSCE 245)

CSCE 313 (3) ______________________
(Prereq: CSCE 211 & 212, or 213)

CSCE 350 (3) ______________________
(Prereq: CSCE 245 & MATH 174)

CSCE 355 (3) ______________________
(Prereq: CSCE 212 & 212, or 213 & CSCE 350)

CSCE 390 (1) ______________________
(Prereq: CSCE 240, SPCH 140)

CSCE 491 (3) ______________________
(Prereq: CSCE 240 & 311)

CSCE 492 (3) ______________________
(Prereq: CSCE 240, 311, either CSCE 313 or ENGL 462 or 463)

**MAJOR ELECTIVES (12 Hours)**

| ______________ (3) __________ |
| ______________ (3) __________ |
| ______________ (3) __________ |
| ______________ (3) __________ |
| ______________ (3) __________ |

**FOREIGN LANGUAGE (Test Score ____)**
Courses taken, if required:

| ______________ (3) __________ |
| ______________ (3) __________ |

**Major Electives:** See department for approved CSCE elective courses. Currently CSCE 330, ELCT 331, and most CSCE course numbered 510 or higher are approved. CSCE 561 satisfies the
requirement as either a CSCE elective or as a MATH elective.  

Revised June 2002