### Computer Science BA Degree Curriculum Chart
#### 2007-2008

#### In addition, eight upper division electives are required:

A) One upper division School of Engineering elective of your choice.

B) Seven upper division courses from the Theory and Practice list as follows:
   a) A minimum of 3 courses must be from the Theory List [T],
   b) A minimum of 3 courses must be from the Practice List [P], and
   c) They must include all 3 courses from one of the Depth Sequences listed below

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<table>
<thead>
<tr>
<th>Compilers &amp; Lang. Theory</th>
<th>Oper. Syst. &amp; Hardware</th>
<th>Theory</th>
<th>Graphics</th>
<th>Software Methodology</th>
<th>Databases</th>
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<tbody>
<tr>
<td>CMPS 104A</td>
<td>CMPS 110 [P]</td>
<td>CMPS 130 [T] Computational Models</td>
<td>CMPS 161/L*P Visualization &amp; Computer Animation</td>
<td>CMPS 101 or 109</td>
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**Exit Requirement** - Students have three options to fulfill the Computer Science exit requirement:

1. Pass a Capstone Course (which can also fulfill an elective requirement, see * on back for courses)
2. Receive a score of 600 or above on the GRE Computer Science Subject Test
3. Submit a Senior Thesis

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- = Course Prerequisite
* = Depends on choice
# = Any 5-unit math course numbered in the 20s
= Satisfies Exit & Elective Requirement
See reverse side for theory and practice lists.

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www.soe.ucsc.edu/advising/undergraduate :: advising@soe.ucsc.edu :: (831) 459-5840 :: 7/6/2007
### Theory List

<table>
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<tr>
<th>Course</th>
<th>Fall</th>
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*This course has pre-requisites that CS majors are not required to take in their regular course of study.

**NOTE:** Students may not receive credit for both AMS 131 and CMPE 107.

Many graduate courses can also be used to satisfy the electives; however students will need instructor and department approval.

♣ = Course Satisfies the CS Exit Requirement and an elective requirement

**STUDENT'S NAME:**

**STAFF ADVISOR:**

**FACULTY ADVISOR:**