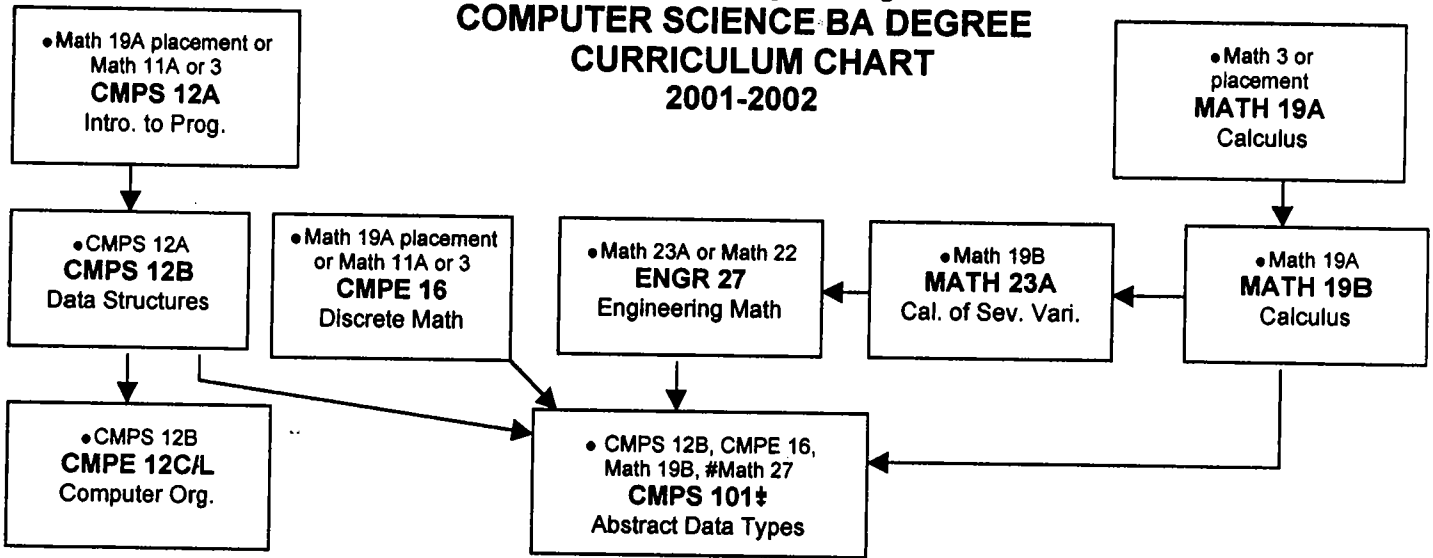


**School of Engineering**  
**COMPUTER SCIENCE BA DEGREE**  
**CURRICULUM CHART**  
**2001-2002**



*In addition, eight upper division electives are required.*

- A) One upper division CMPE or CMPS elective of your choice.  
 B) Select seven upper division courses from the Theory and Practice list as follows:  
 a) a minimum of 3 courses must be from the Theory List,  
 b) a minimum of 3 courses must be from the Practice List, and  
 c) they must include all 3 courses from one of the Depth Sequences listed below

Compilers & Language Theory	Operating Syst. & Hardware	Theory	Software Methodology
<ul style="list-style-type: none"> <li>• CMPS 101 <b>CMPS 104A† [P]</b> Compiler Design I</li> </ul>	<ul style="list-style-type: none"> <li>• CMPE 16 <b>CMPE 100/L† [P]</b> Logic Design</li> </ul>	<ul style="list-style-type: none"> <li>• CMPS 101 <b>CMPS 102† [T]</b> Intro Analysis of Algorithms</li> </ul>	<ul style="list-style-type: none"> <li>• CMPE 104A or 111 or 180 <b>CMPS 115† [P]</b> Software Methodology</li> </ul>
<ul style="list-style-type: none"> <li>• CMPS 104A <b>CMPS 112† [P]</b> Comp. Prog. Langs.</li> </ul>	<ul style="list-style-type: none"> <li>• CMPE 12C/L, CS 101 <b>CMPS 111† [P]</b> Intro. to Operating Systems</li> </ul>	<ul style="list-style-type: none"> <li>• CMPS 101 <b>CMPS 130† [T]</b> Computat. Models</li> </ul>	<p>And any two of the following:</p> <ul style="list-style-type: none"> <li><b>CMPS 104A† [P]</b> Compiler Design I</li> <li><b>CMPS 112† [P]</b> Comp. Prog. Langs.</li> <li><b>CMPS 116 [P]</b> Software Design Project</li> </ul>
<ul style="list-style-type: none"> <li>• CMPS 104A <b>CMPS 104B† [P]</b> Com. Design II</li> <li>Or</li> <li>• CMPS 101 <b>CMPS 130† [T]</b> Comput. Models</li> </ul>	<ul style="list-style-type: none"> <li>• CMPE 12C/L, 16 <b>CMPE 110† [P]</b> Comp. Archit.</li> <li>or</li> <li>• CMPE 12C/L, 100/L <b>CMPE 121/L† [P]</b> Microproc. Sys. Design</li> </ul>	<ul style="list-style-type: none"> <li>• CMPS 130 <b>CMPS 132† [T]</b> Computability</li> </ul>	
4. _____ [T]	4. _____ [T]	4. _____ [P]	4. _____ [T]
5. _____ [T]	5. _____ [T]	5. _____ [P]	5. _____ [T]
6. _____ * [T/P]	6. _____ [T]	6. _____ [P]	6. _____ [T]
7. _____ [T/P]	7. _____ [T/P]	7. _____ [T/P]	7. _____ [T/P]
8. _____	8. _____	8. _____	8. _____

\*Depends on choice of CMPS 104B or 130

See reverse side for theory and practice lists

(Use the reverse side of this page to draft a sample proposed study plan for Dept. and CS faculty adviser's approval)

\* = Course Prerequisite    † = Comp Exam Course    # = or any math course numbering in the 20s

**COMPUTER SCIENCE  
BA DEGREE CURRICULUM  
2001-2002**

Fall	Winter	Spring	Summer

Fall	Winter	Spring	Summer

COMPUTER SCIENCE

Fall	Winter	Spring	Summer

Fall	Winter	Spring	Summer

**Theory List**

CMPS 102 †  
 CMPS 130 †  
 CMPS 132 †  
 CMPS 150  
 CMPE 107 †  
 CMPE 108  
 CMPE 153  
 CMPE 177  
 ENGR 146  
 ENGR 147  
 ENGR 131  
 ENGR 156  
 MATH 115  
 MATH 117  
 MATH 126  
 MATH 146  
 MATH 148

**Practice List**

CMPS 104A †  
 CMPS 104B †  
 CMPS 109 (as of '00-'01)  
 CMPS 111 †  
 CMPS 112 †  
 CMPS 115 †  
 CMPS 116  
 CMPS 140 †  
 CMPS 160 †  
 CMPS 161  
 CMPS 180 †  
 CMPS 190X  
 CMPS 204  
 CMPE 100/L †  
 CMPE 110 †  
 CMPE 117  
 CMPE 121/L †  
 CMPE 123/L  
 CMPE 126/L  
 CMPE 152  
 CMPE 155

STUDENTS NAME:  
 STAFF ADVISOR:  
 FACULTY ADVISOR'S APPROVAL:

Advisory only. For specific requirements see Engineering Advisor.  
 Course number, content, and prerequisites may have changed.