SCHOOL OF ENGINEERING
COMPUTER SCIENCE BS DEGREE CURRICULUM CHART
1998-1999
[• = Course Prerequisites]  [† = Comp Exam Course]

CMPS 12A
Intro. to Prog.
F, W, S

CMPS 12B
Data Structures
F, W, S

CMPS 12C
Computer Org.
W, S

CMPE 16
F, W

MATH 19A
Calculus
F, W, S

MATH 19B
Calculus
F, W, S

MATH 19C
Calculus
F, W, S

MATH 22
Multivariable
F, S

MATH 27
Engineering Math.
F, W, S

CMPS 101†
Abs. Data Types
F, W, S

COMPLETE EITHER
2 PHYS + Labs
OR
2 CHEM + Labs

CHEM 1A
Gen.Chemistry
F

CHEM 1B/1M
Gen.Chemistry
W

PHYS 5A/5L or 6A/6L
Intro. to Physics I
W

CHEM 1C/1N
Gen.Chemistry
W, S

PHYS 5B/5M or 6B/6M
Intro. to Physics II
S

CHEM 4A/4L
Gen.Chemistry
F, W

CHEM 4B/4M
Gen.Chemistry
F, W

CHEM 1B/1M
or 4A/4L

Select 4 CMPS/CMPE electives from the Theory and Practice course lists. At most, only one
elective may be substituted by an upper-division Math course from the Theory course list.

CMPE 107† OR Math 131A
Math. Methods
Intro. Prob. Theory
F, S
W

CMPE 12C, CMPS 101
CMPS 104A†
Compiler Design II
F, S

CMPS 111†
Operating Systems
F, S

CMPS 112†
Comp. Prog. Lang.
W

CMPS 101
Computational Mds.
F

CMPS 102†
Analysis of Algo.
S

CMPS 107†
Upper-Division
CMPS/CMPE
F, W, S

CMPS 12C, CMPS 101
Upper-Division
CMPS/CMPE
F, W, S

CMPS 104A
Upper-Division
CMPS/CMPE
F, W, S

CMPS 111†
Upper-Division
CMPS/CMPE
F, W, S

[Use the reverse side of this page to draft a sample proposed study plan for your CS advisor's approval.] Revised 1/26/99
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<th>Fall</th>
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<th>Theory List</th>
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<td>CMPS 102 † (S)</td>
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<td>CMPS 103A (F)</td>
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<td>CMPS 106 (S)</td>
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<td>CMPS 130 † (F)</td>
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<td>CMPS 132 † (W)</td>
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<td>CMPS 150 (W)</td>
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<td>MATH 126 (*)</td>
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<td>MATH 131A</td>
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<td>MATH 148 (S)</td>
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<td>CMPS 112 † (W)</td>
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<td>CMPS 115 † (W, S)</td>
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<td>CMPE 1000L † (F, W, S)</td>
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<td>CMPE 126/L (W)</td>
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<td>CMPE 152 (F)</td>
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Ooffered in
Alternate Quarters
Year 110 121/121L
98-99 FS W
99-00 W FS
00-01 FS W
01-02 W FS

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