Computer Science Departmental Requirements
and Prerequisite Structure
(Curriculum 2004)

Minimum grade for a required CS course: C
Minimum grade for a required non-CS course: C-

Math 141 (3 cr)
Calculus
or
Math 151 (4 cr)
Calculus

Math 142 (3 cr)

Math 122 (4 cr)
Pre-Calculus

Physics 145, 146
or
Chem 113, 114
or
Bio 107, 108

Math 152 (4 cr) or Math 143 (3 cr)

CS 111 (3 cr)
Intro to Algorithmic
Problem Solving
Coreq/Prereq:
Math 141 or 151

CS 211 (3 cr)
OOP in C++

CS 212 (3 cr)
OOP in Java

CS 220 (3 cr)
Dis Structures

CS 320 (3 cr)
Theory of Comp

CS 313 (3 cr)
Data Structures

CS 323 (3 cr)
D&A of Alg

CS 331 (3 cr)
Database

CS 337 (3 cr)
Software Eng

CS 316 (3 cr)
Princ of P Ls

CS 340 (3 cr)
Operating Sys

Four additional electives chosen from: (consult QC Bulletin and Class Schedule for details)
Artificial Intelligence   Data Communications   Data Mining & Warehousing
Compilers                Logic Design Lab      Information Organization & Retrieval
Computer Graphics        Numerical Methods     Object-Oriented Databases
Distributed Systems      Operating System Programming ...

One approved course from Mathematics or Physics may be used.