B.S. in Computer Science ROADMAP

2011-2012 Catalog
The first two years are the same in each roadmap. These roadmaps are only examples. Your actual schedule will differ. For detailed major requirements, please consult the University Catalog. ÒGEÓ below stands for General Education and other coursework.

B.S. In C.S. Roadmap

	Fall	Winter	Spring
Year 1	CS 1160 Intro to Comp Sci I Math 1304 Calculus I GE	CS 2360 Intro to Comp Sci II Math 1305 Calculus II GE	CS 2370 Intro to Comp Sci III Math 2150 Discrete Struct GE
Year 2	CS 2430 Assembly Lang Math 2101 Linear Alg GE	CS 3240 Data Structures Stat 3601 or 3401 or 3501 GE	CS 3120 Prog Lang CS 3340 OOP GE
Year 3	CS 3430 Comp Arch CS Concentration GE	CS 4560 Operating Systems CS Concentration GE	CS Concentration CS Elective GE
Year 4	CS Concentration CS Elective GE	CS Elective GE GE	CS Elective GE GE

Course Prerequisites: In the graph below, arcs point from one course to another if the first is a prerequisite. In the graph, arcs point from the prerequisite of a course. Consult the Catalog for details, this is a simplified representation.

B.S. in Computer Science ROADMAP

2011-2012 Catalog
The first two years are the same in each roadmap. These roadmaps are only examples. Your actual schedule will differ. For detailed major requirements, please consult the University Catalog. ÒGEÓ below stands for General Education and other coursework.

B.S. In C.S. Roadmap: Computer Engineering Option

	Fall	Winter	Spring
Year 1	CS 1160 Intro to Comp Sci I Math 1304 Calculus I GE	CS 2360 Intro to Comp Sci II Math 1305 Calculus II GE	CS 2370 Intro to Comp Sci III Math 2150 Discrete Struct GE
Year 2	CS 2430 Assembly Lang Math 2101 Linear Alg GE	CS 3240 Data Structures Stat 3601 or 3401 or 3501 GE	CS 3120 Prog Lang CS 3340 OOP GE
Year 3	CS 3430 Comp Arch Comp Engineering Conc. GE	CS 4560 Operating Systems Comp Engineering Conc. GE	Comp Engineering Conc. Comp Engineering Elective GE
Year 4	Comp Engineering Conc. Comp Engineering Elective GE	Comp Engineering Conc. Comp Engineering Elective GE	Comp Engineering Conc. Comp Engineering Elective GE

B.S. In C.S. Roadmap Ð Networking and Data Communications Option

	Fall	Winter	Spring
Year 1	CS 1160 Intro to Comp Sci I Math 1304 Calculus I GE	CS 2360 Intro to Comp Sci II Math 1305 Calculus II GE	CS 2370 Intro to Comp Sci III Math 2150 Discrete Struct GE
Year 2	CS 2430 Assembly Lang Math 2101 Linear Alg GE	CS 3240 Data Structures Stat 3601 or 3401 or 3501 GE	CS 3120 Prog Lang CS 3340 OOP GE
Year 3	CS 3430 Comp Arch CS 3560 Systems Prog GE	CS 4560 Operating Systems CS 3590 Data Comm. GE	CS 4590 Comp Networks CS Concentration GE