## A Suggested Course Plan for: Computer Sci. / Business Admin.

### First Year

#### Fall Semester
- GE B
- MATH 125 (GE F)
- WRIT 150
- BUAD 304
- ENGR 102

#### Spring Semester
- CSCI 103L (CSCI 101)
- MATH 126 or 129
- ECON 351
- GE C
- CSCI 109

### Second Year

#### Fall Semester
- CSCI 170
- MATH 225 or EE 241
- ECON 352
- CSCI 104L
- GE A
- BUAD 307

#### Spring Semester
- PHYS 151 or CHEM 105AL or BISC 120 (GE D or E)
- CSCI 201L
- CSCI 270
- ACCT 410x
- OPTIONAL ELECTIVE

### Third Year

#### Fall Semester
- BUAD 310 or EE 354 or MATH 407
- GE E or D
- BUAD 306
- CSCI 310L
- GE C
- BUAD 497

#### Spring Semester
- CSCI ELECTIVE
- CSCI 310L
- BUAD ELECTIVE
- CSCI 360L
- CSCI 270
- OPTIONAL ELECTIVE

### Fourth Year

#### Fall Semester
- WRIT 340
- BUAD ELECTIVE
- CSCI 401
- CSCI 310L
- BUAD 311

#### Spring Semester
- GE E or D
- GE B
- BUAD 497
- CSCI/BUAD ELECTIVE
- OPTIONAL ELECTIVE

### Mathematics (14-16 Units)
- MATH 125: Calculus I
- MATH 126 or MATH 129: Calculus II
- MATH 225: Linear Algebra & Diff. Equations
- MATH 226: Applied Linear Algebra

### Science Courses (4 Units)
- PHYS 151L, CHEM 105AL or BISC 120L
- CSCI 103L
- CSCI 104L
- CSCI 170
- CSCI 109

### Writing (7 Units)
- WRIT 150: Writing and Critical Reasoning
- WRIT 340: Advanced Writing

### Business & Economics (38 Units)
- ACCT 410X: Accounting for Non-Business Majors
- BUAD 302: Communication Strategy in Business
- BUAD 304: Organizational Behavior
- BUAD 306: Business Finance
- BUAD 307: Marketing Fundamentals
- BUAD 311: Operations Management
- BUAD 317: Strategic Management
- ECON 351: Microeconomics for Business
- ECON 352: Macroeconomics for Business
- ECON 354: Business Statistics or Linear Algebra & Diff. Equations
- ECON 355: Introduction to Artificial Intelligence
- ECON 357: Introduction to Artificial Intelligence
- ECON 358: File and Database Management

### Engineering (32 Units)
- CSCI 103L: Introduction to Programming
- CSCI 104L: Data Structures & Obj. Orient. Design
- CSCI 106: Introduction to Computing
- CSCI 170: Discrete Methods in Comp. Science
- CSCI 201L: Princ. of Software Development
- CSCI 270: Intro. to Algorithms & Theory of Comp.
- CSCI 301L: Intro. to Software Engineering
- CSCI 401: Capstone: Design & Construction of Large Software Systems
- CSCI 499: Capstone: Creating Your High-Tech Startup
- ENGR 102: Engineering Freshmen Academy
- CSCI/BUAD ELECTIVES (12 Units)
- CSCI 351: Programming & Multimedia on the World Wide Web
- CSCI 360L: Introduction to Artificial Intelligence
- CSCI 430: Security Systems
- CSCI 485: File and Database Management
- BAEP 452: Feasibility Analysis

### Business Info. Sys. Analysis & Design
- BUAD 497: Business Info. Sys. Analysis & Design
- DSO 433: The Bus. of Interactive Digital Media
- DSO 462: Managing Small Bus. on the Internet
- MKT 425: Marketing on the Internet

### Special Notes
Courses with this symbol may be satisfied with AP, IB or A-Level exams. See page 17 for more information.

GE: Engineering students are encouraged to satisfy GE G and GE H with a course that also satisfies a Core Literacy. GE H may be satisfied by exam. Additionally, your GESM course should be taken in categories A, B, C, or D only. See pp. 16-17 for more information and consult your advisor for detailed assistance.

GRADE QUALIFIER: A grade of a C (2.0) or better is required for each of the core courses (CSCI 103, 170, 104 & 201). Courses with a grade of C− or below must be repeated; courses may only be retaken once with department approval.

CSCI/BUAD ELECTIVES: Students must take one course from the Computer Science selection and one from the Business selection and a third course from either one.