# COMPUTER SCI. / BUSINESS ADMIN.

## FIRST YEAR

**FALL SEMESTER**
- GE B
- MATH 125 (GE F)
- WRIT 150
- BUAD 304
- ENGR 102

**SPRING SEMESTER**
- CSCI 103L (CS 119)
- MATH 126 or 129 (GE D)
- ECON 351
- GE C
- CSCI 109

## SECOND YEAR

**FALL SEMESTER**
- CSCI 170
- MATH 225 or EE 141L
- ECON 352
- CSCI 104L
- OPTIONAL ELECTIVE

**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 A
- BUAD 307
- BUAD 306
- OPTIONAL ELECTIVE

**SPRING SEMESTER**
- CSCI ELECTIVE
- CSCI 310L
- GE C
- OPTIONAL ELECTIVE

## FOURTH YEAR

**FALL SEMESTER**
- WRIT 340
- BUAD ELECTIVE
- CSCI 401 or CSCI 404
- BUAD 311
- OPTIONAL ELECTIVE

**SPRING SEMESTER**
- GE E or D
- GE B
- BUAD 497
- CSCI/BUAD ELECTIVE
- OPTIONAL ELECTIVE

## MATHEMATICS (15-18 UNITS)
- MATH 125: Calculus I
- MATH 126 or MATH 129: Calculus II
- MATH 225: Linear Algebra & Diff. Equations or EE 141: Applied Linear Algebra for Engineering
- BUAD 310: Applied Business Statistics
- MATH 364: Intro to Probability & Statistics or MATH 407: Probability Theory

## SCIENCE COURSES (4 UNITS)
- PHYS 151L, CHEM 105AL or BISC 120L

## GENERAL EDUCATION (32 UNITS)
- GE A: The Arts (1 Course)
- GE B: Humanistic Inquiry (2 Courses)
- GE C: Social Analysis (2 Courses)
- GE D: Life Sciences (1 Course)
- GE E: Physical Sciences (1 Course)
- GE F: Quantitative Reasoning (1 Course)
- GE G: Global Perspectives (2 Courses)
- GESM General Education Seminar (1 Course)*

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

## BUSINESS & ECONOMICS (36 UNITS)
- ACCT 410X: Accounting for Non-Business Majors
- BUAD 302: Communication Strategy in Business

## ENGINEERING (32 UNITS)
- CSCI 103L: Introduction to Programming
- CSCI 104L: Data Structures & Obj. Orient. Design
- CSCI 109: 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 310L: Intro. to Software Engineering
- CSCI 401: Capstone: Design & Construction of Large Software Systems or 404: Capstone: Creating Your High-Tech Startup
- ENGR 102: Engineering Freshmen Academy

## 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 GE/SM 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 QUALIFIERS: A grade of 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.